

Program EVALPLOT  
(Version 2021-1)

by

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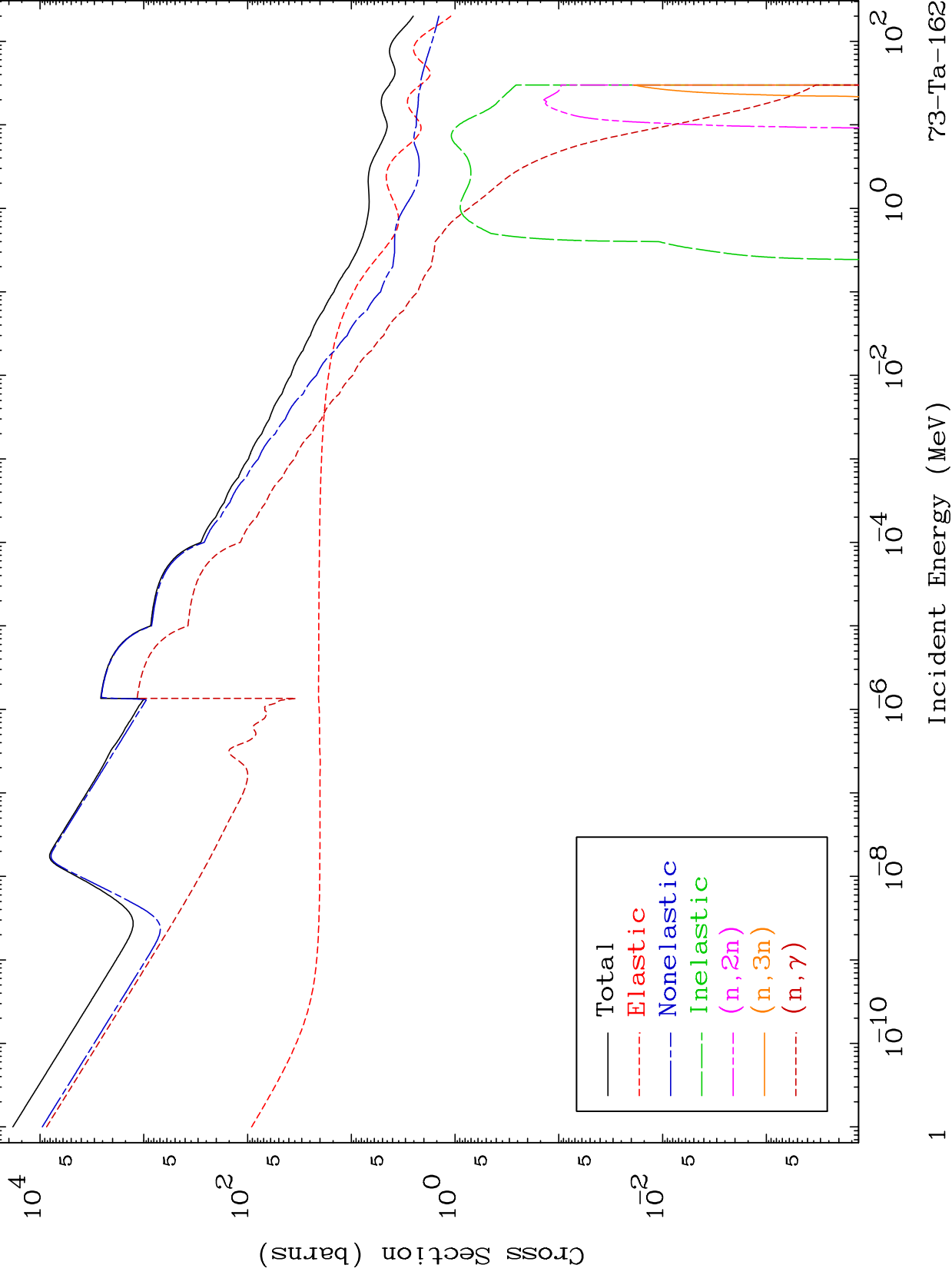
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7271

Neutron Major  
293 Kelvin Cross Sections

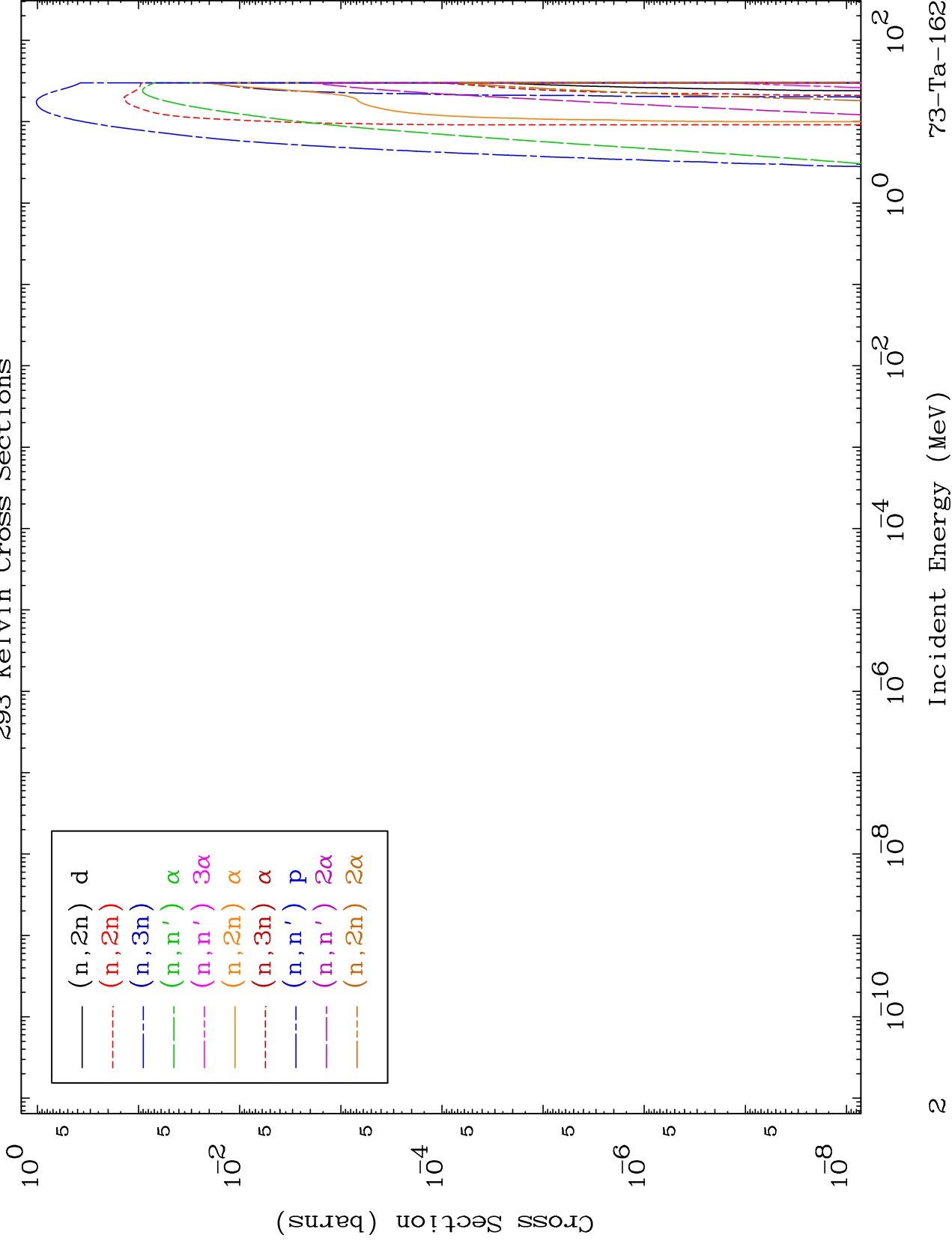
73-Ta-162



MAT 7271

Neutron Absorption  
293 Kelvin Cross Sections

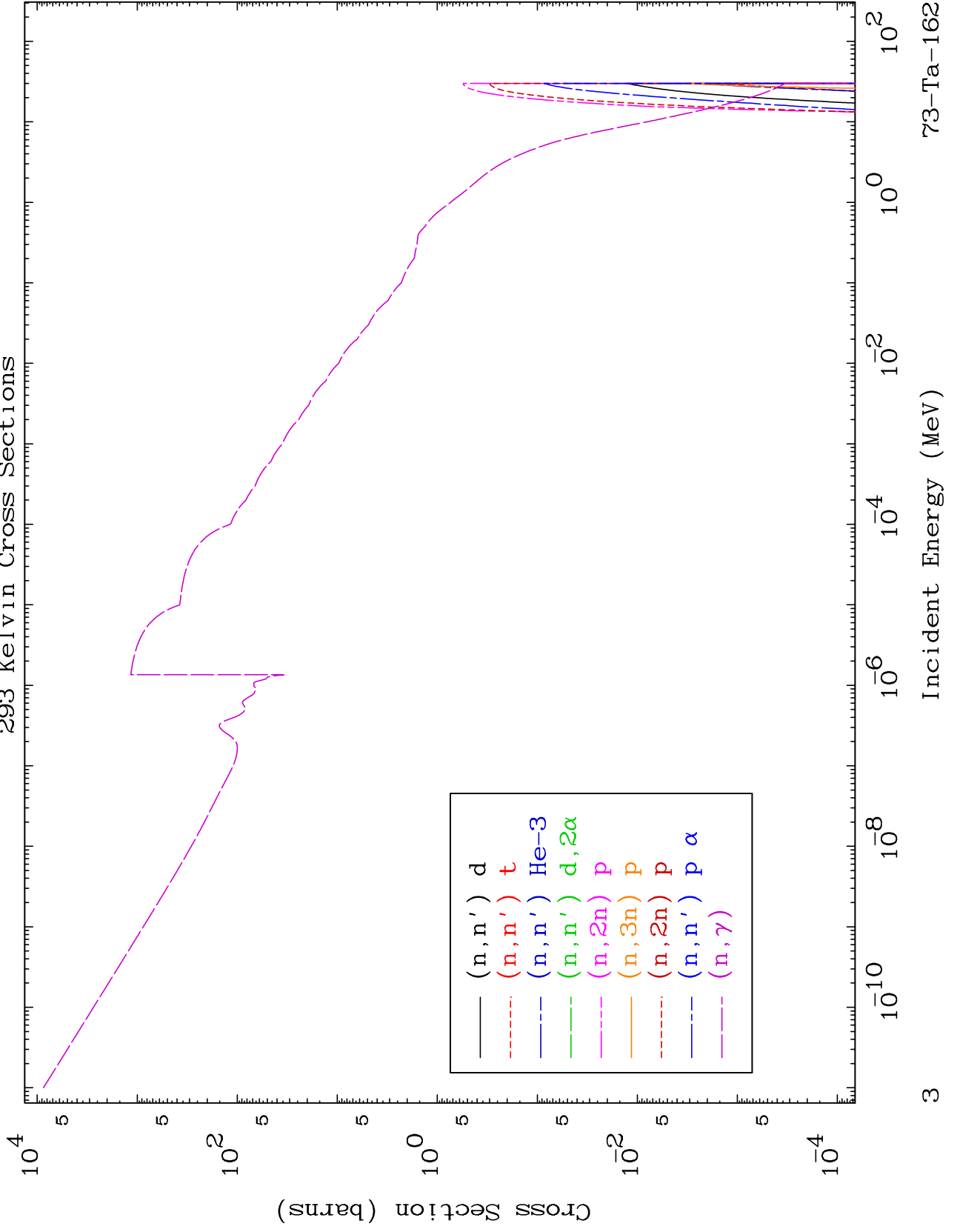
73-Ta-162

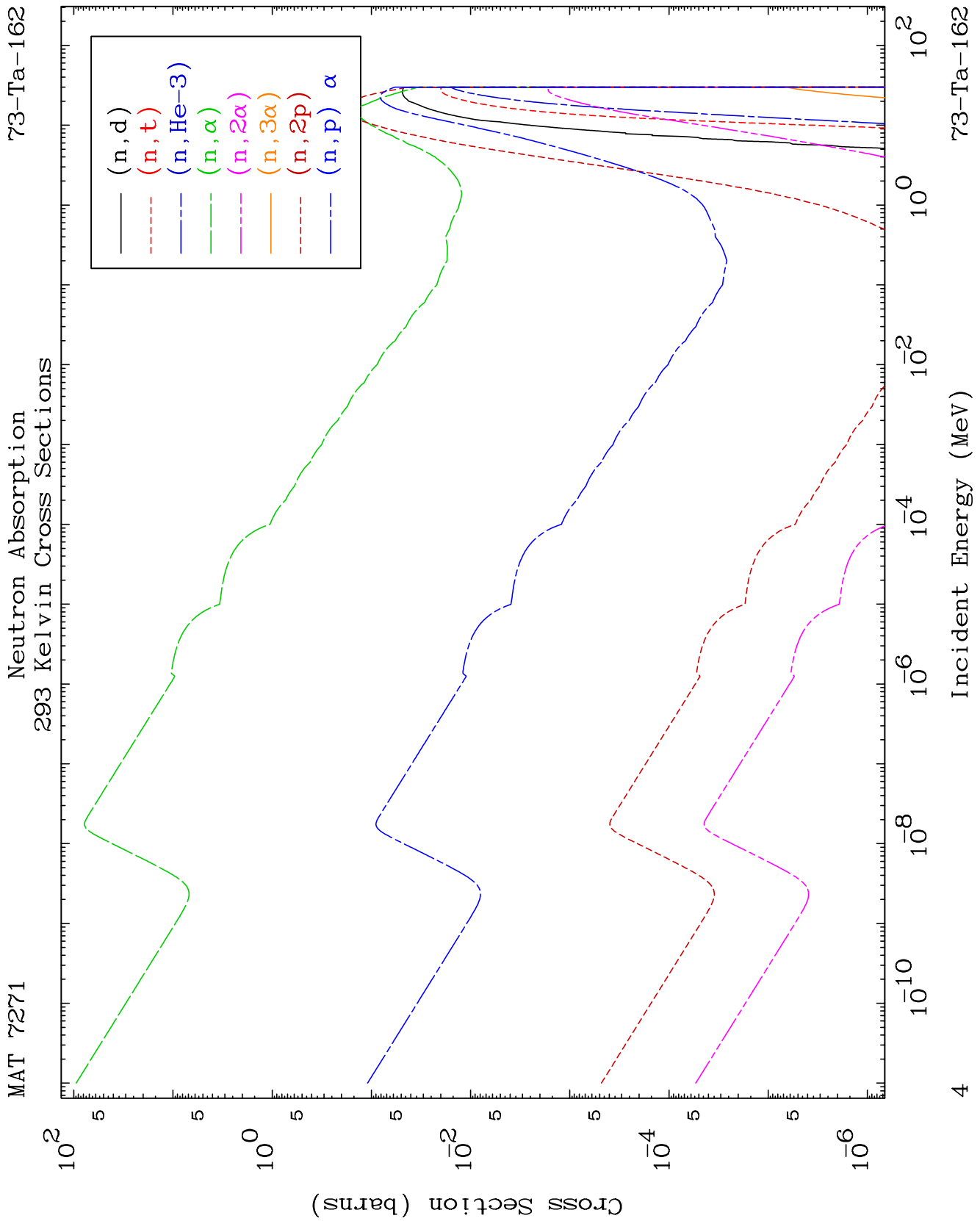


MAT 7271

Neutron Absorption  
293 Kelvin Cross Sections

73-Ta-162





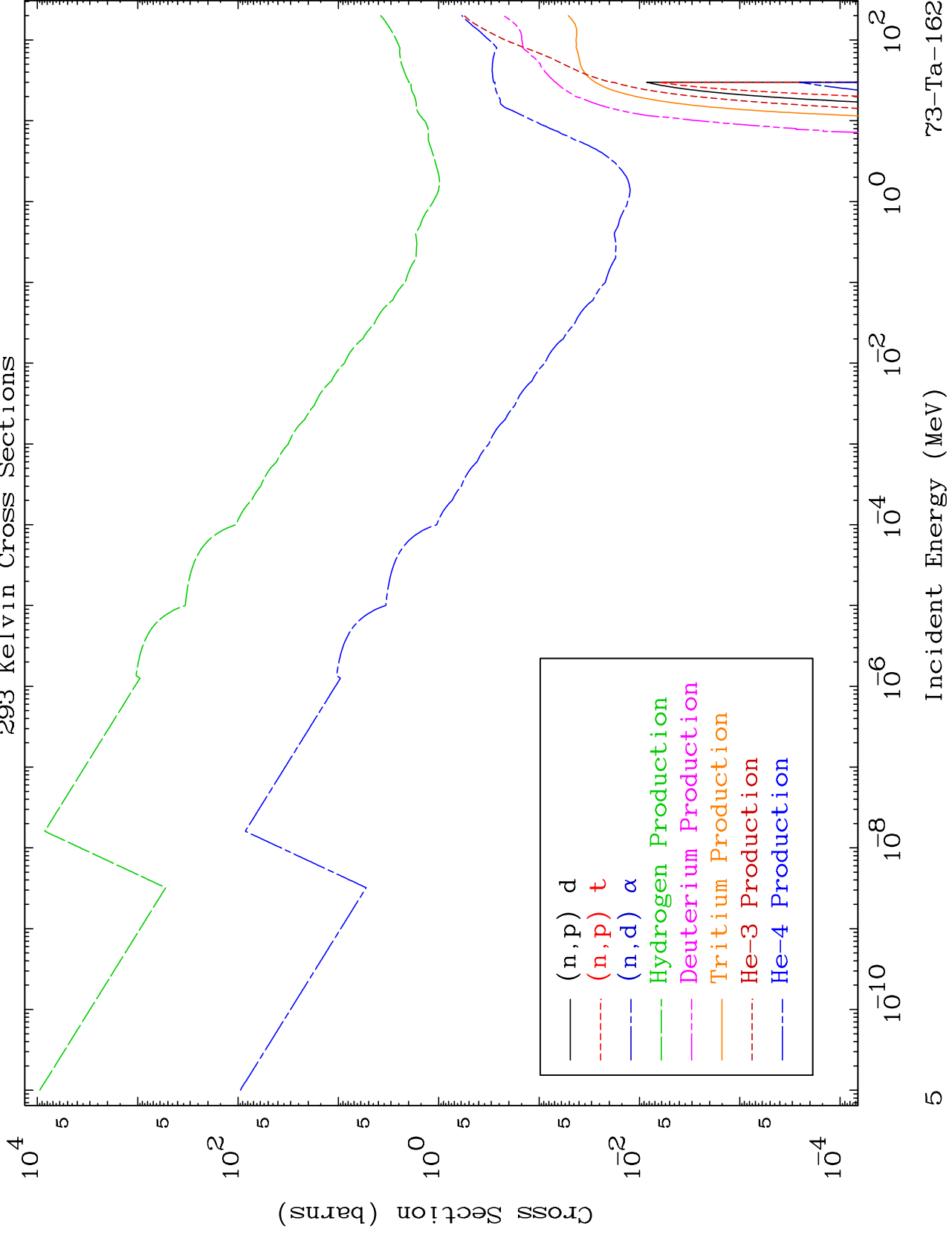
MAT 7271

73-Ta-162

MAT 7271

Neutron Absorption  
293 Kelvin Cross Sections

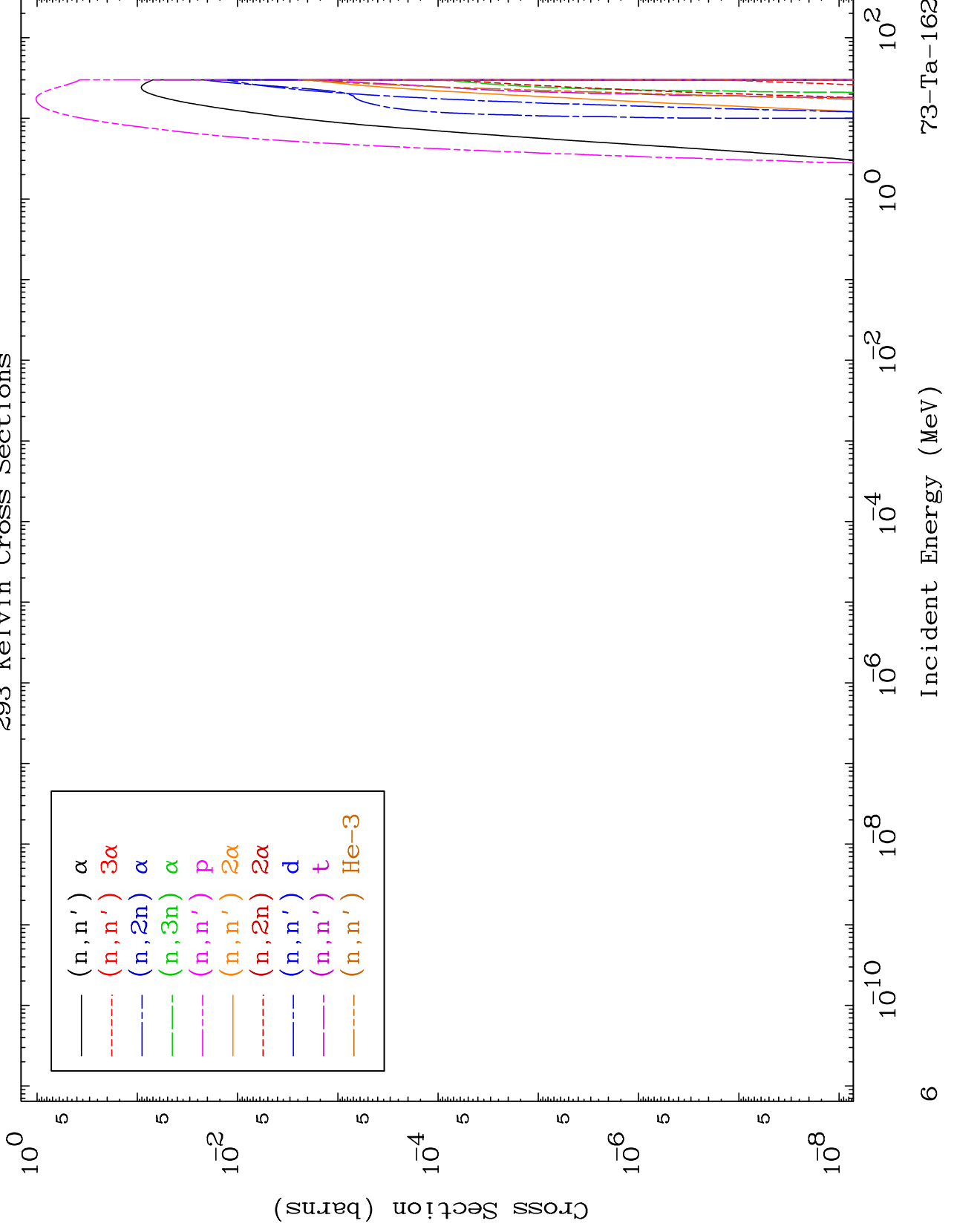
73-Ta-162



MAT 7271

Charged Particle  
293 Kelvin Cross Sections

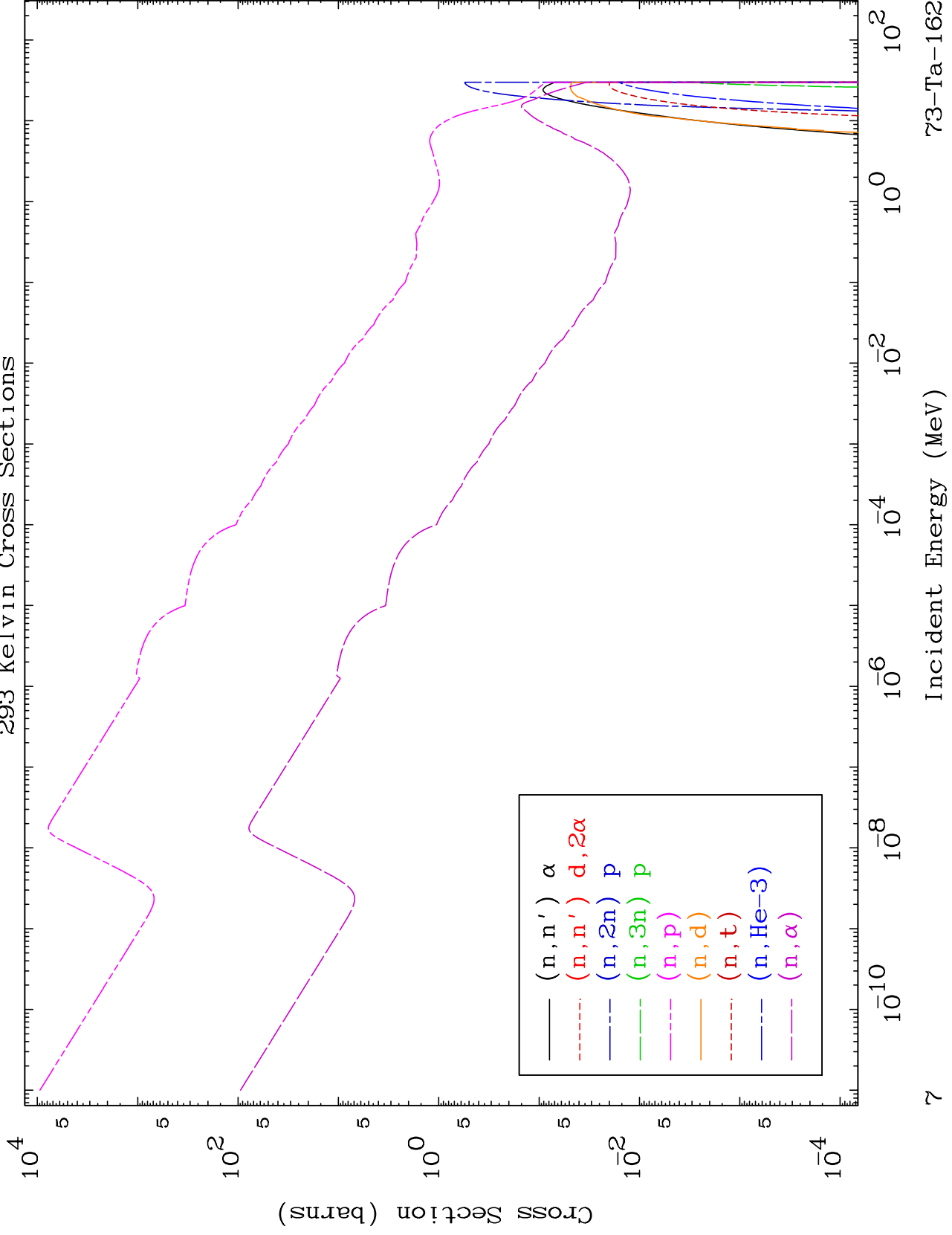
73-Ta-162



MAT 7271

Charged Particle  
293 Kelvin Cross Sections

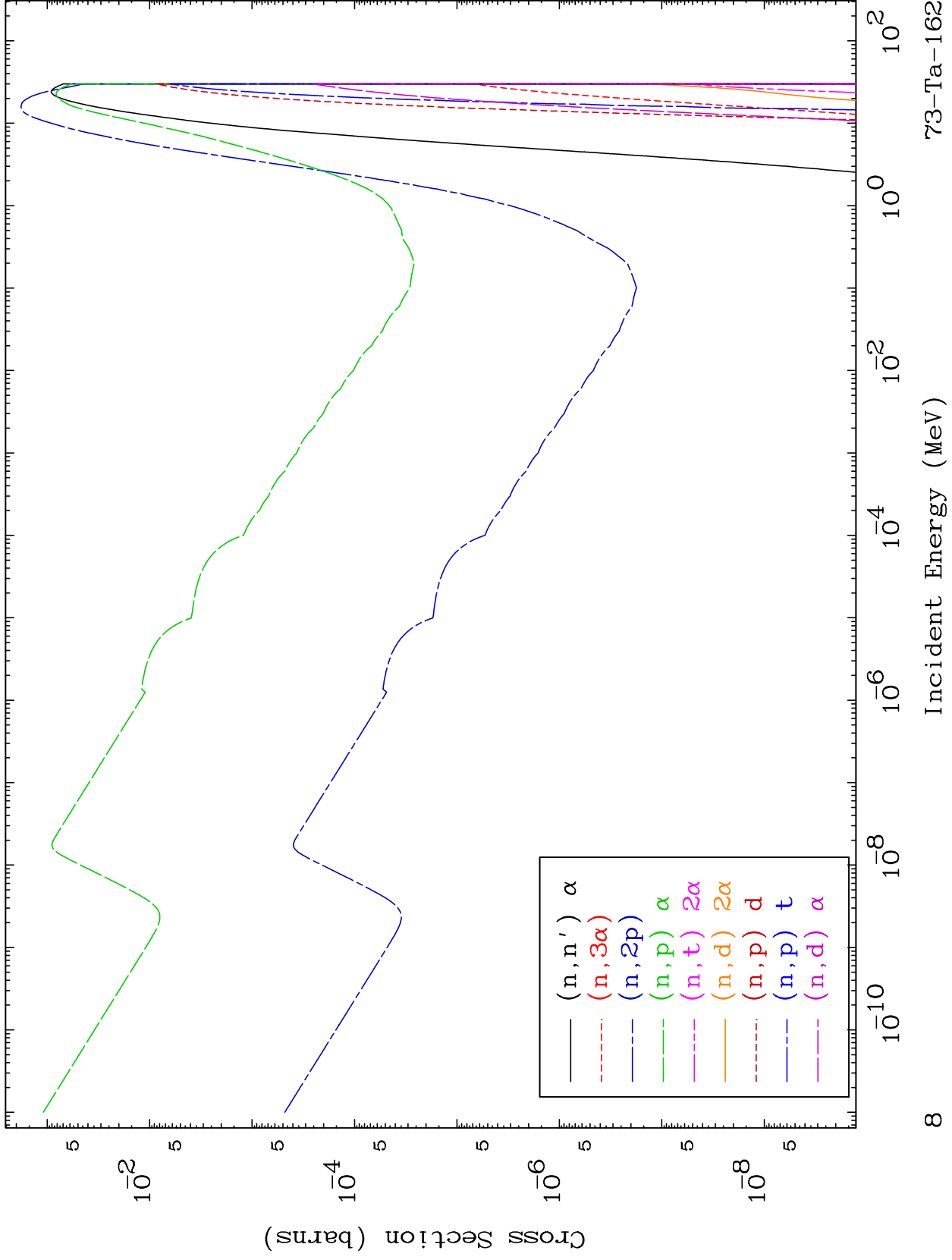
73-Ta-162

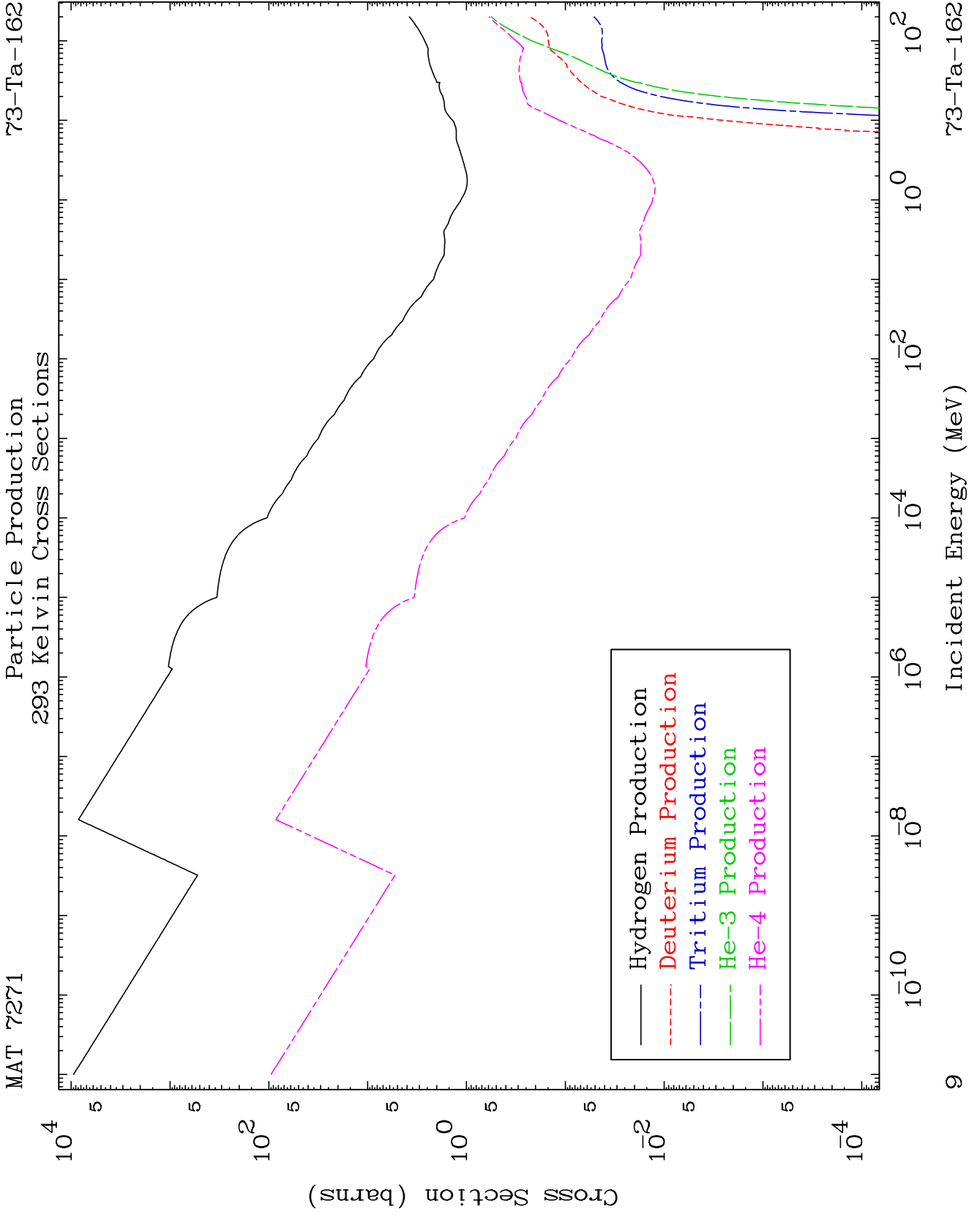


MAT 7271

Charged Particle  
293 Kelvin Cross Sections

73-Ta-162

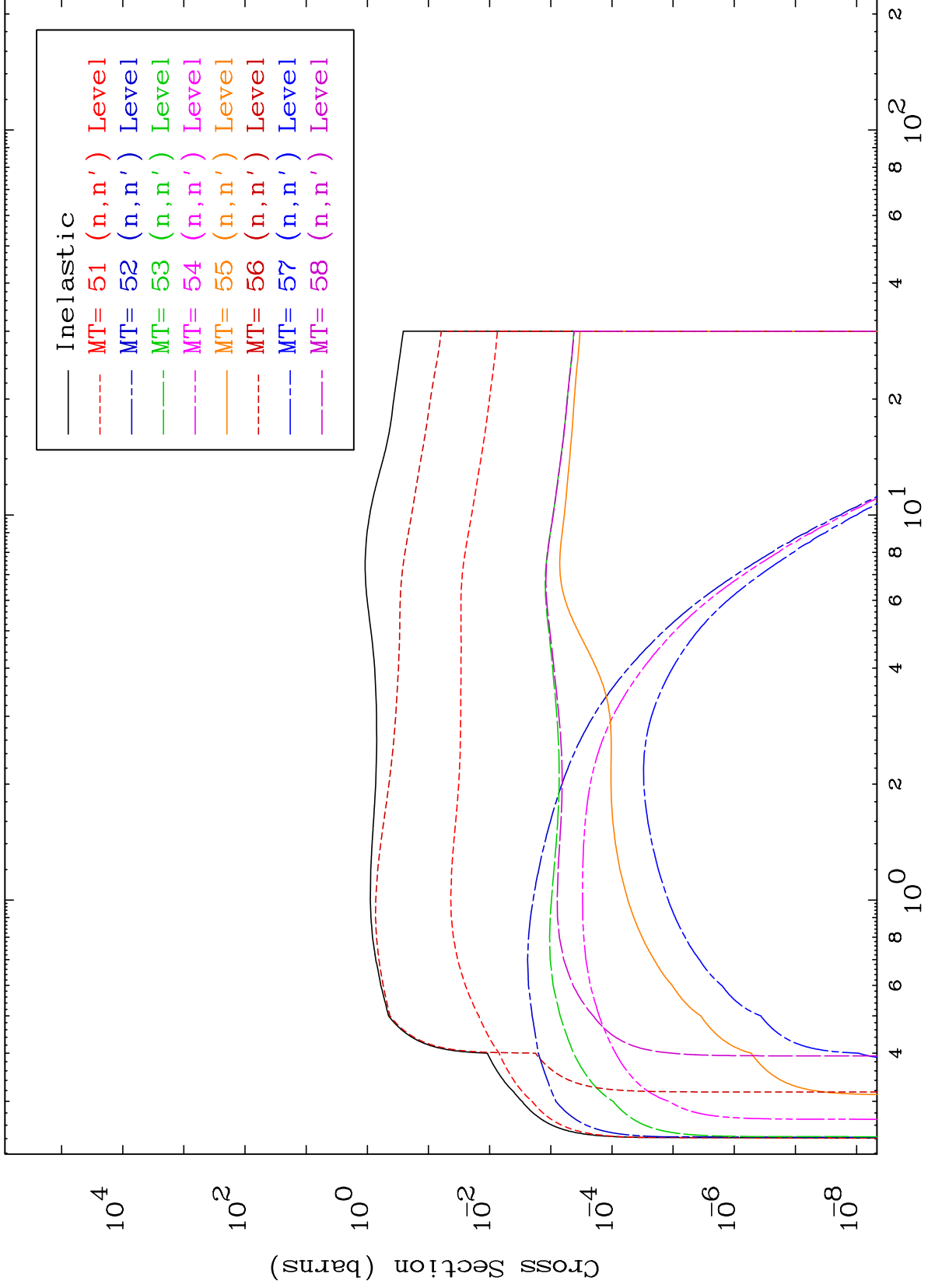




MAT 7271

(n,n') Levels  
293 Kelvin Cross Sections

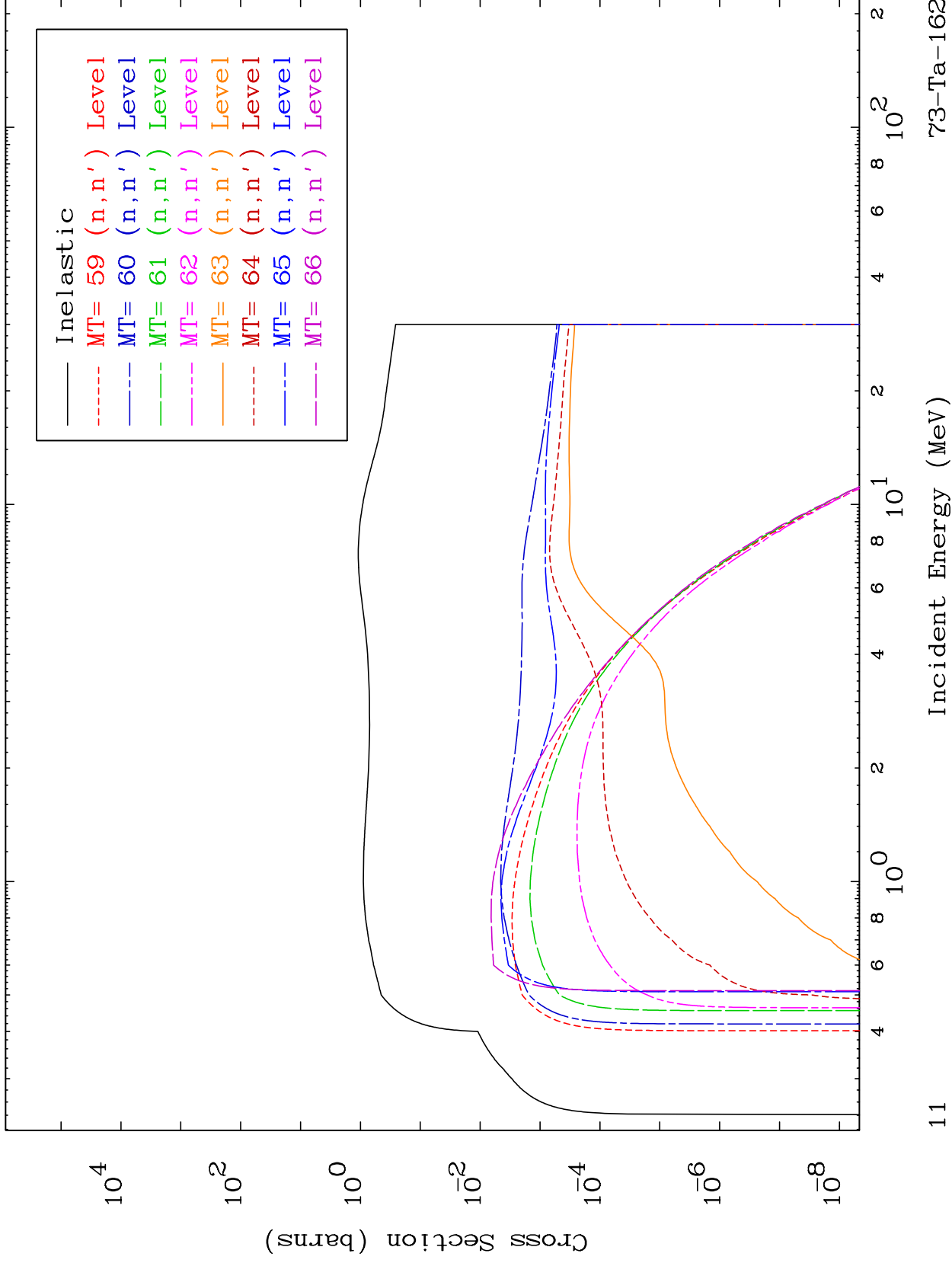
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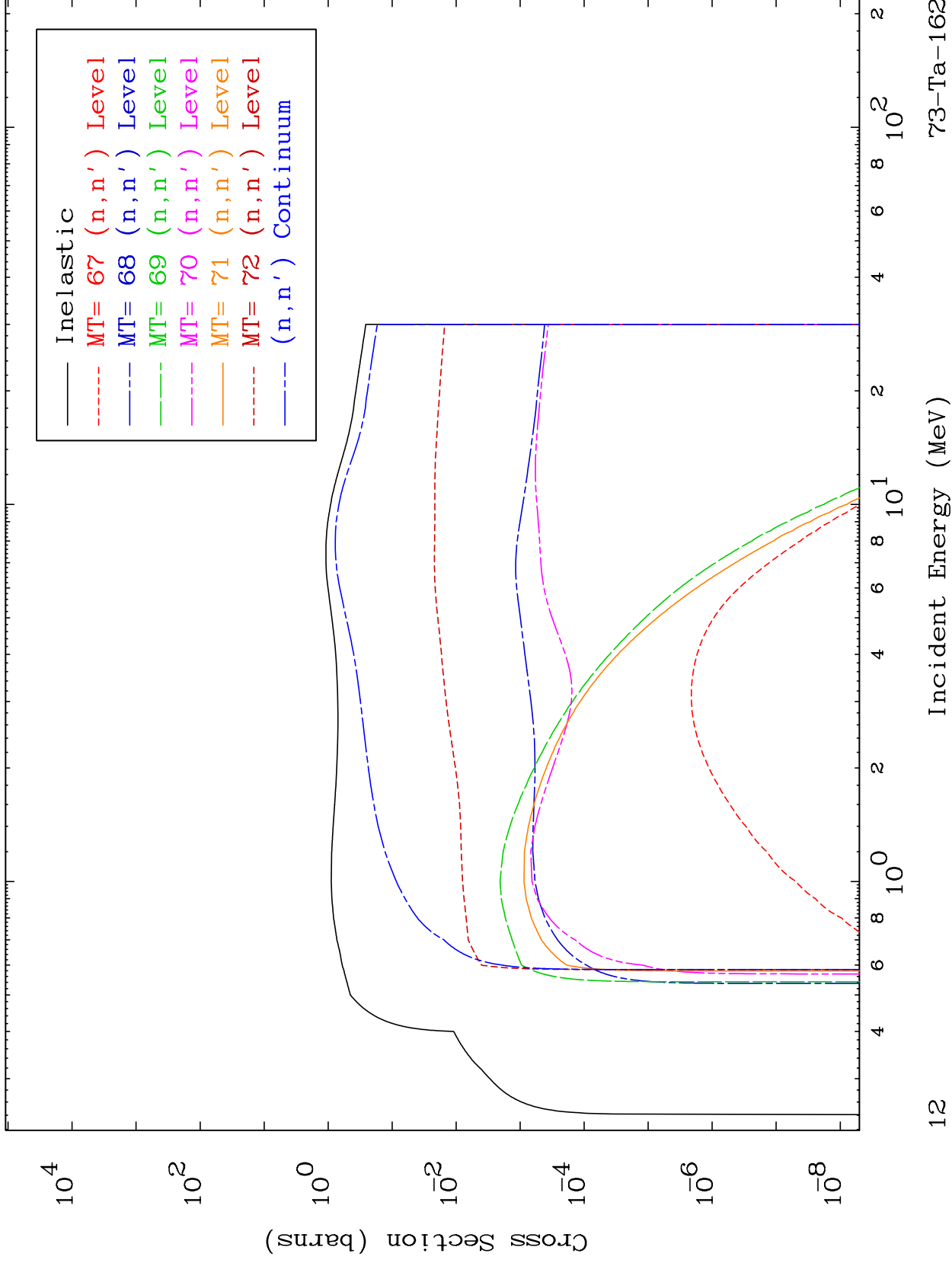


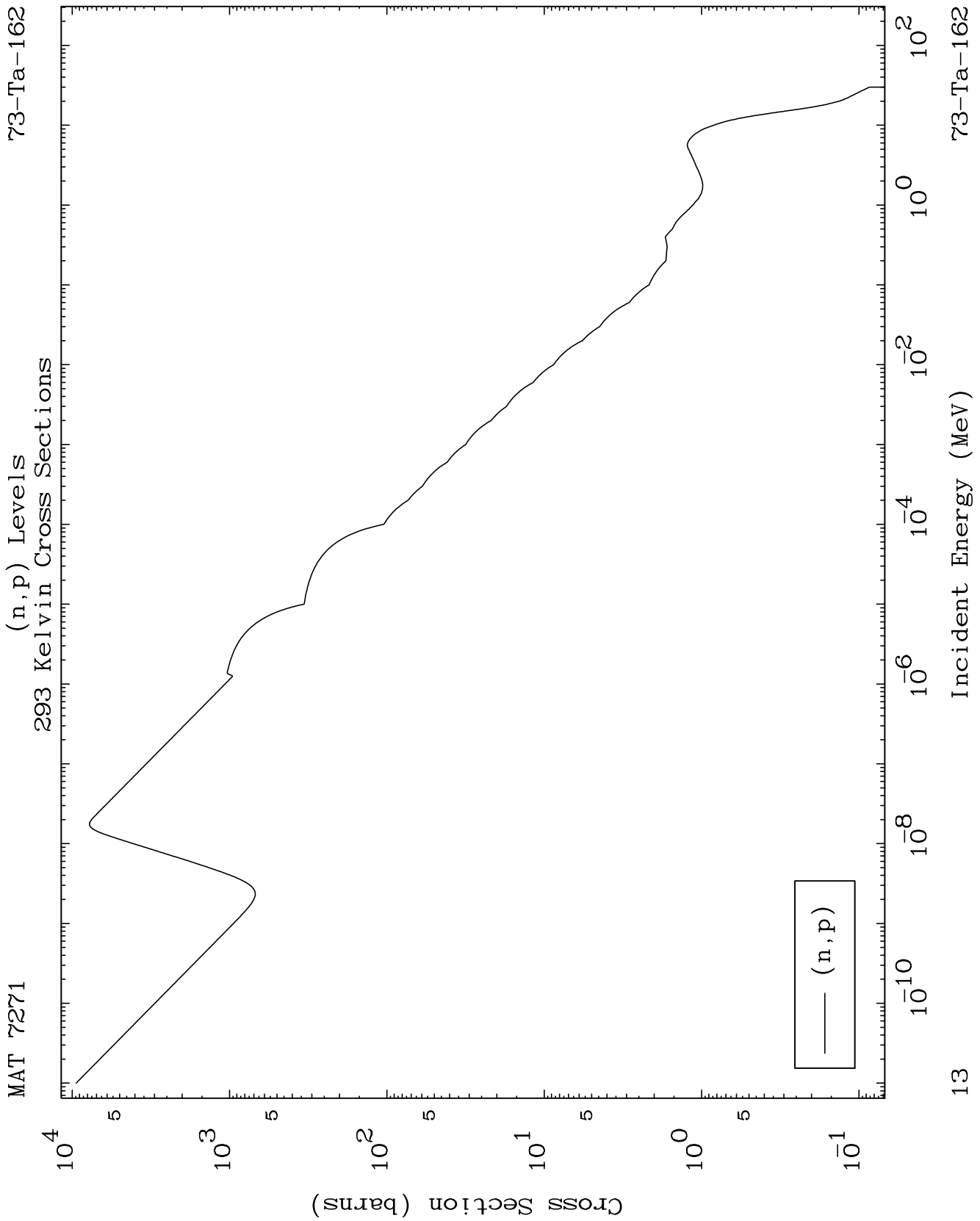
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Incident Energy (MeV)

73-Ta-162



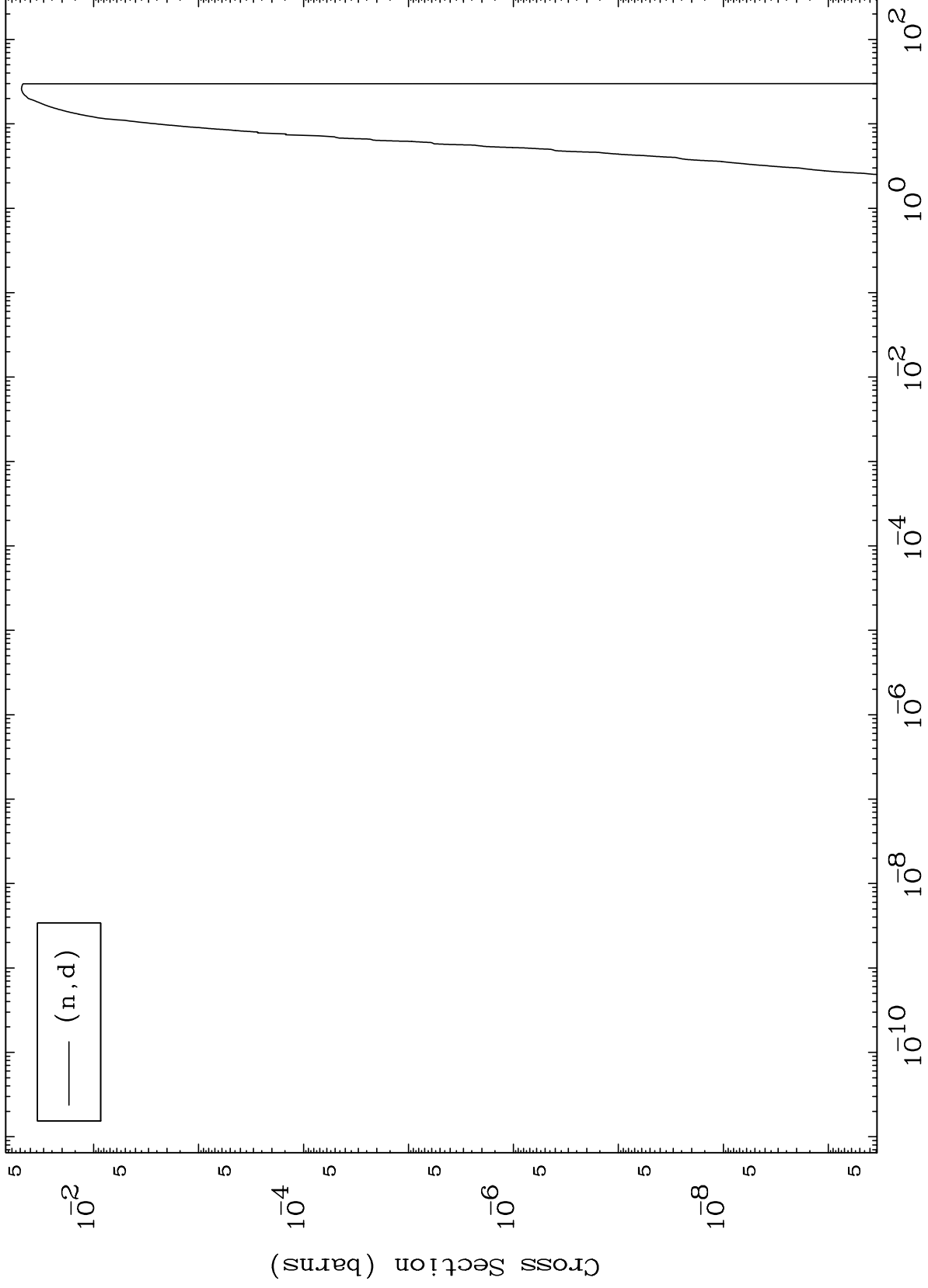




MAT 7271

(n,d) Levels  
293 Kelvin Cross Sections

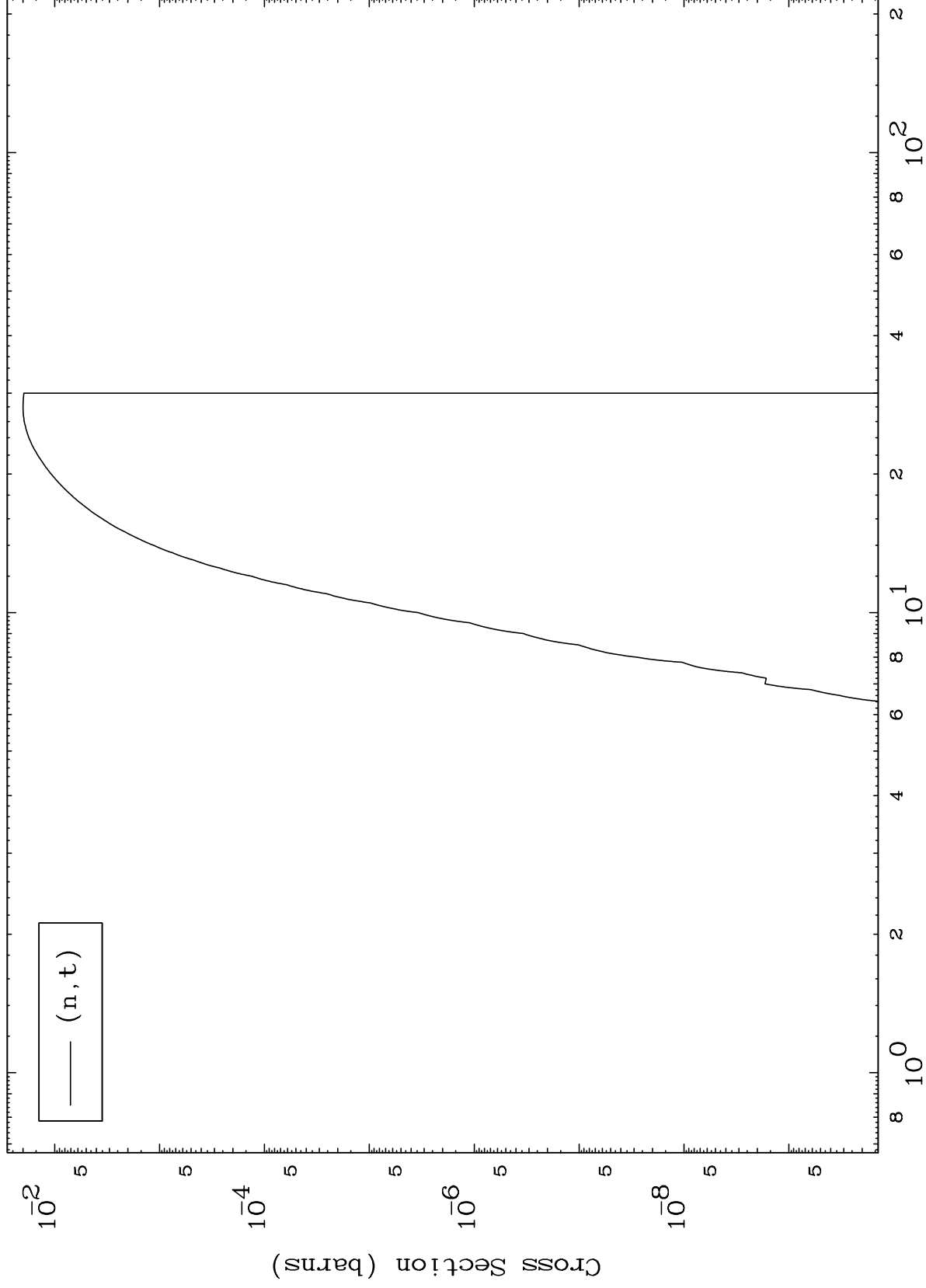
73-Ta-162



MAT 7271

(n,t) Levels  
293 Kelvin Cross Sections

73-Ta-162



15

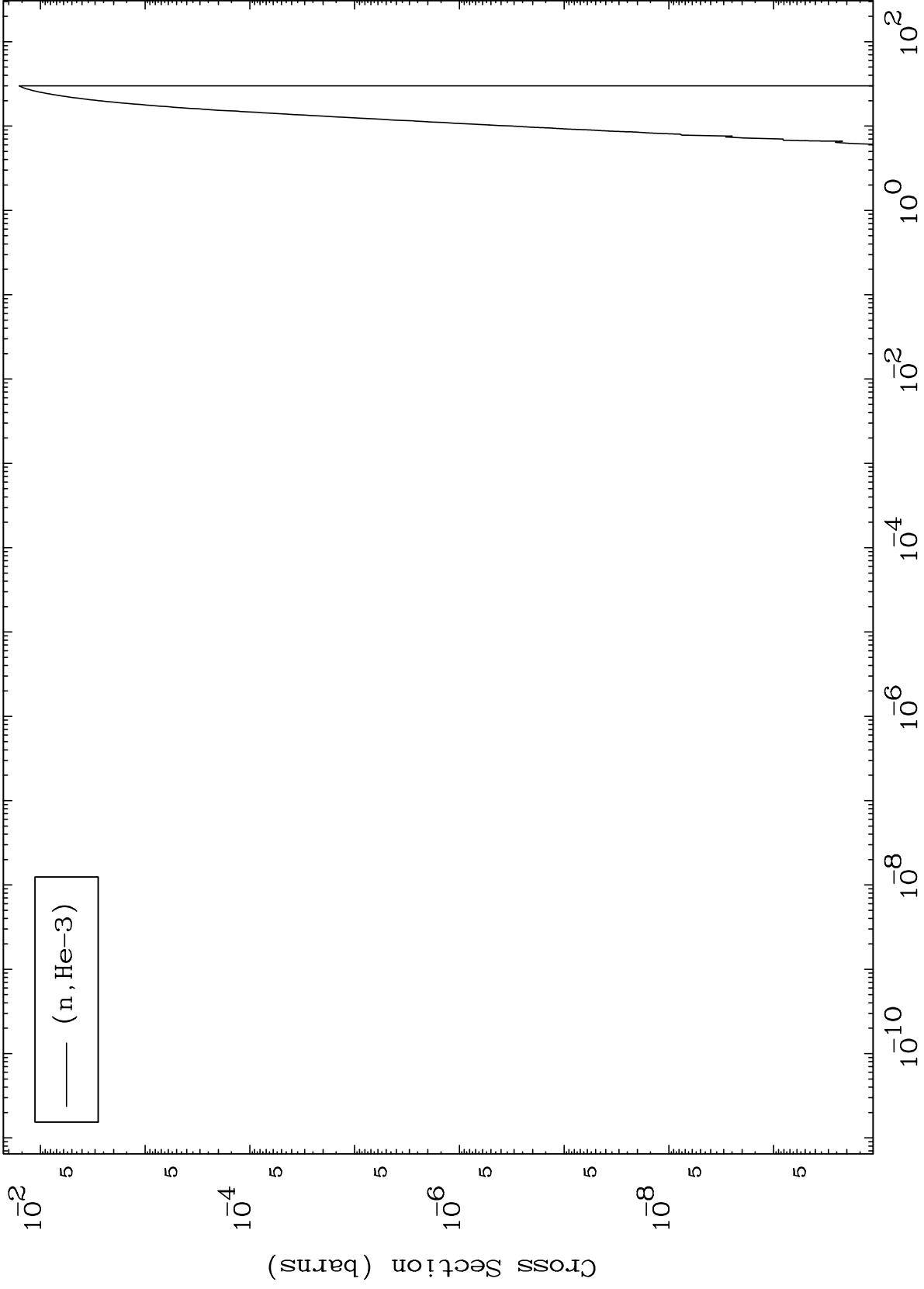
Incident Energy (MeV)

73-Ta-162

MAT 7271

(n,He3) Levels  
293 Kelvin Cross Sections

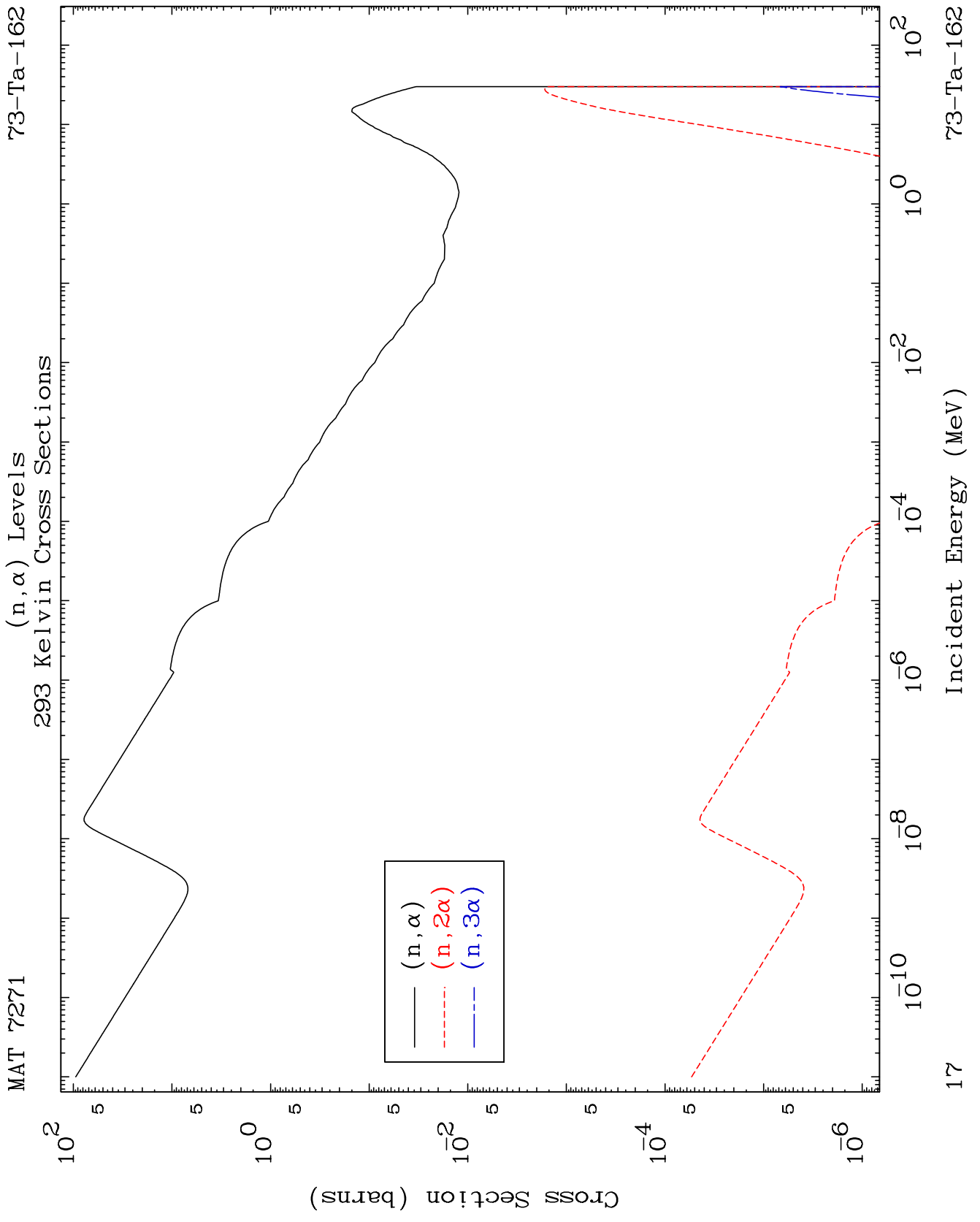
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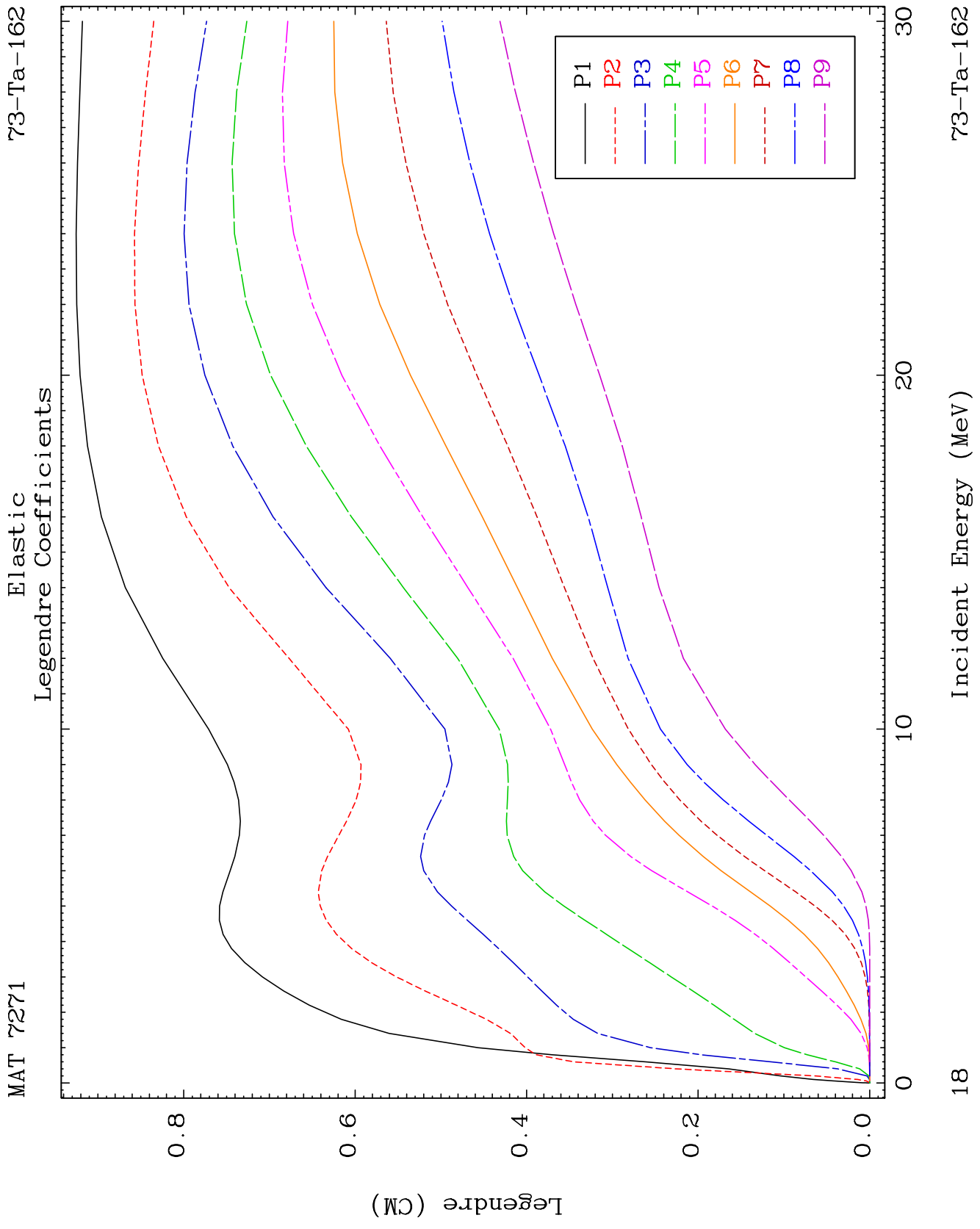


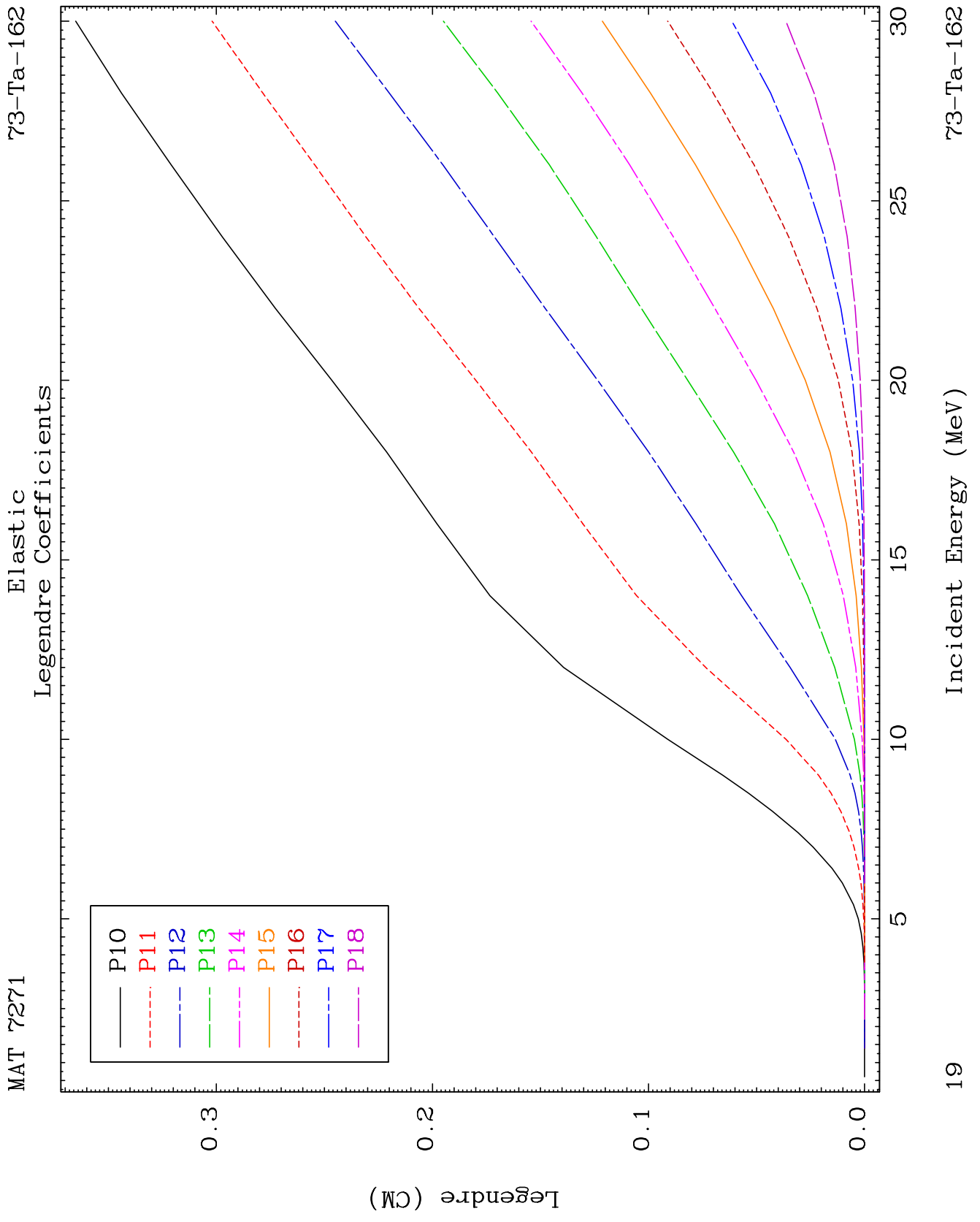
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Incident Energy (MeV)

73-Ta-162



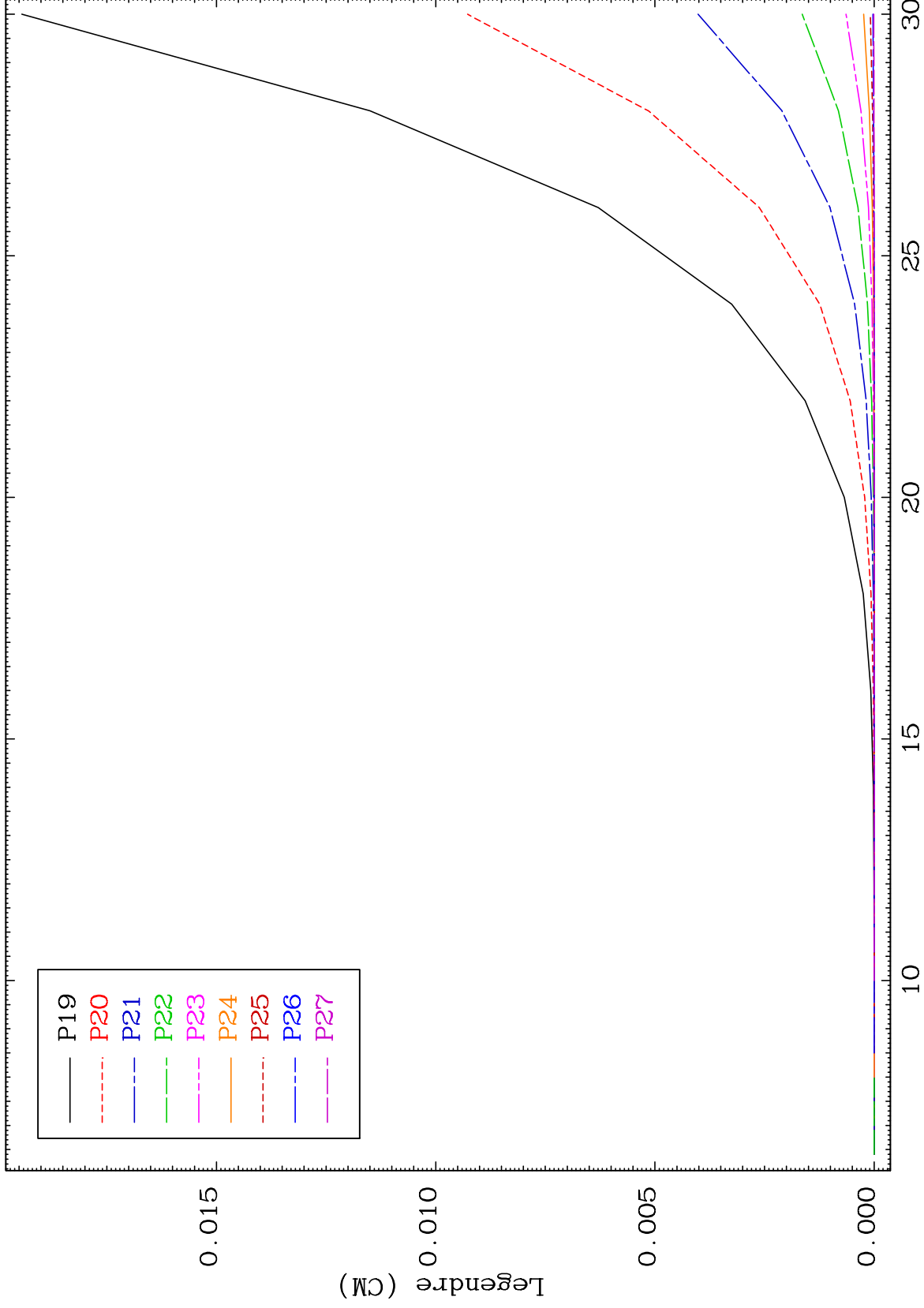




MAT 7271

Elastic  
Legendre Coefficients

73-Ta-162



20

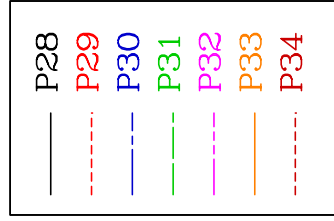
Incident Energy (MeV)

73-Ta-162

MAT 7271

Elastic Legendre Coefficients

<sup>73</sup>Ta-162



$\times 10^{-6}$

Legendre (CM)

10

15

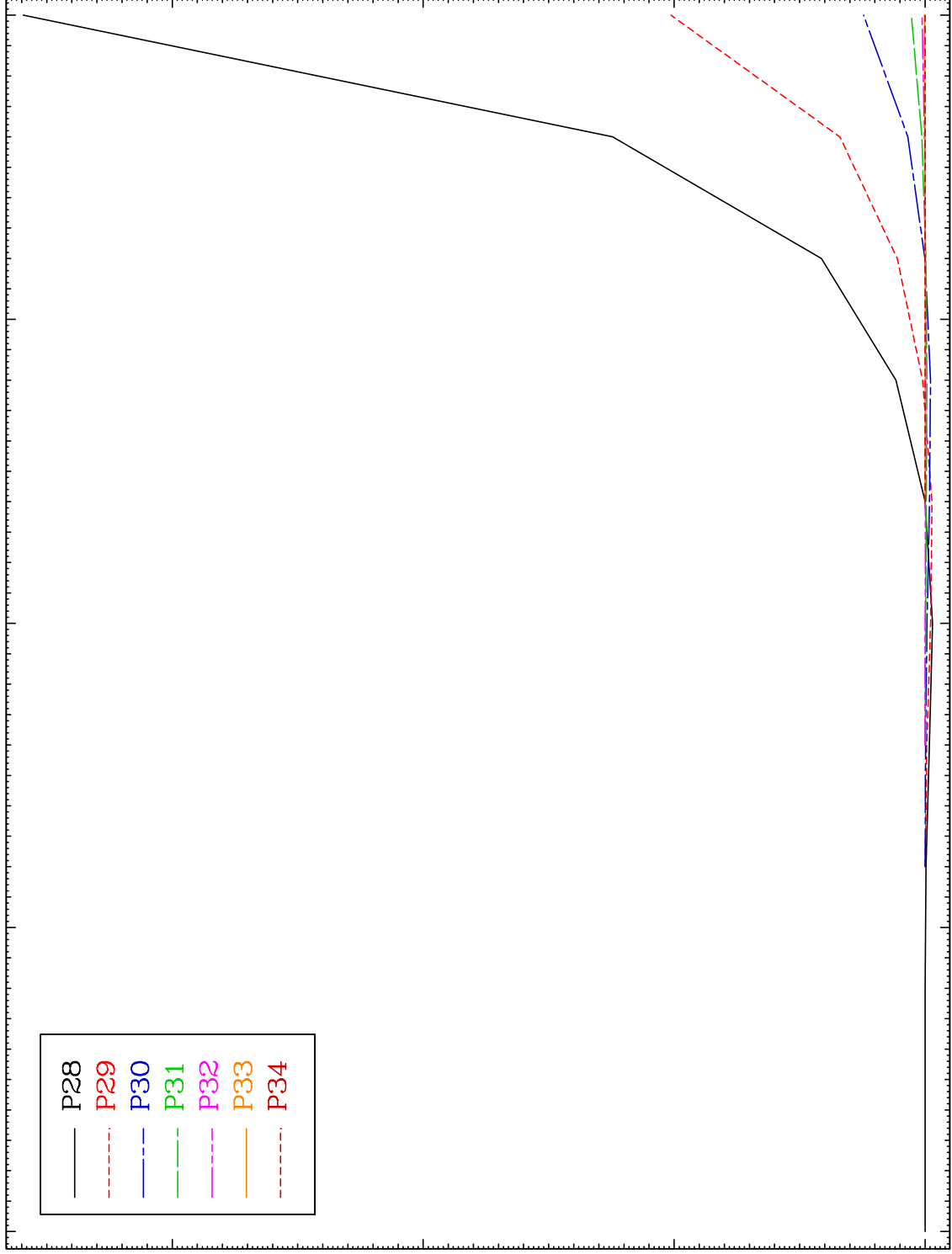
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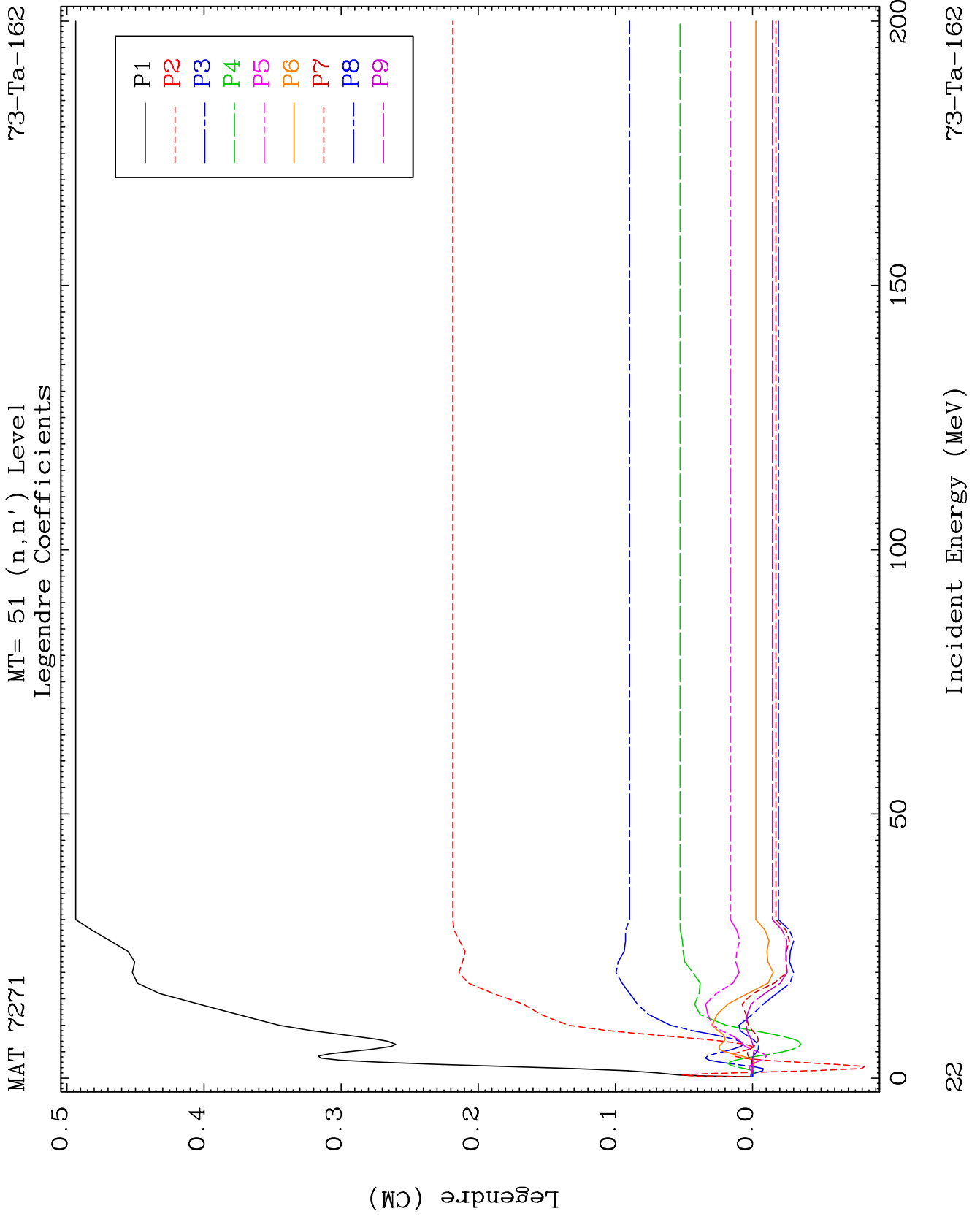
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30

Incident Energy (MeV)

<sup>73</sup>Ta-162

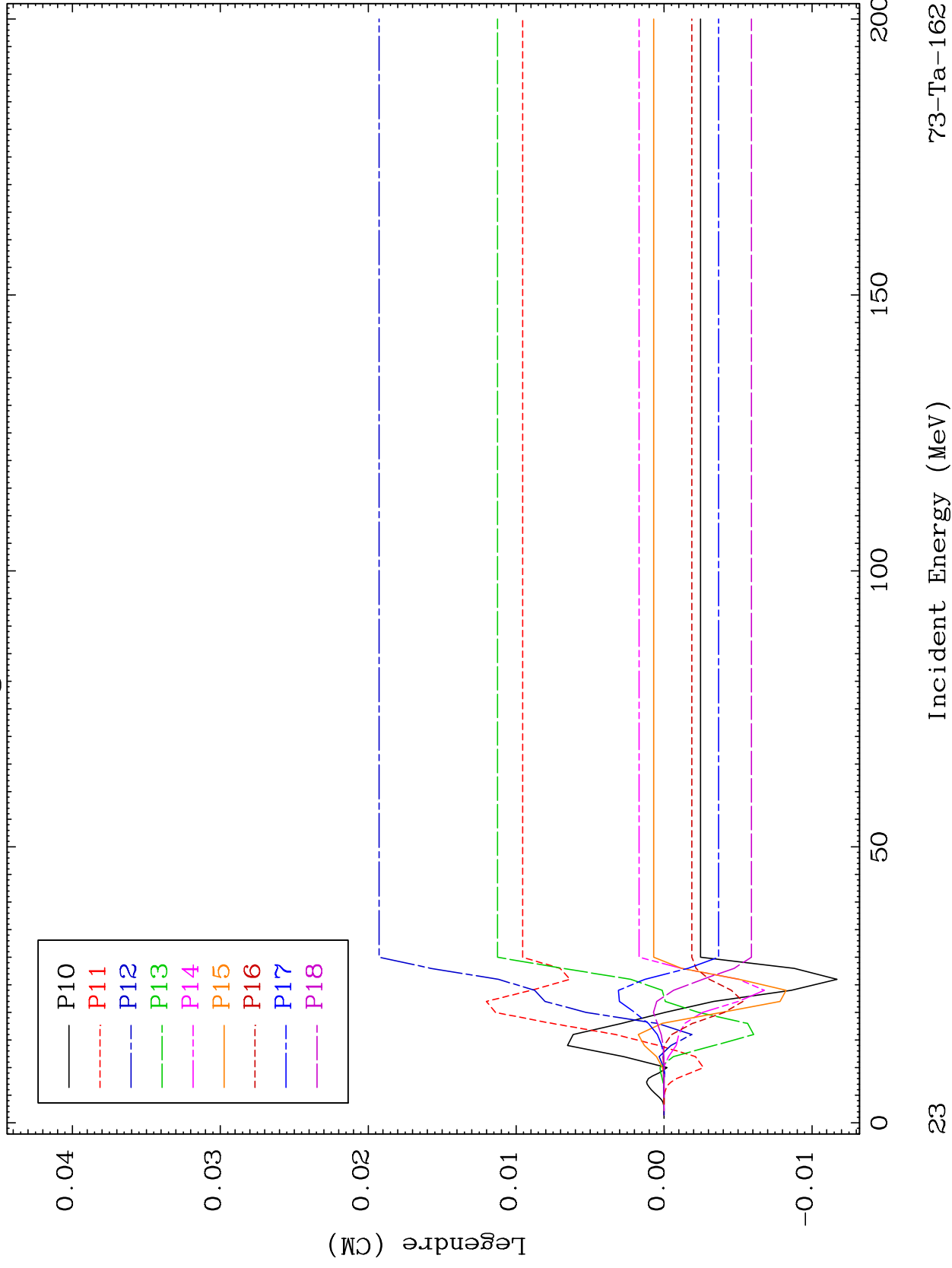




MAT 7271

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

73-Ta-162



23

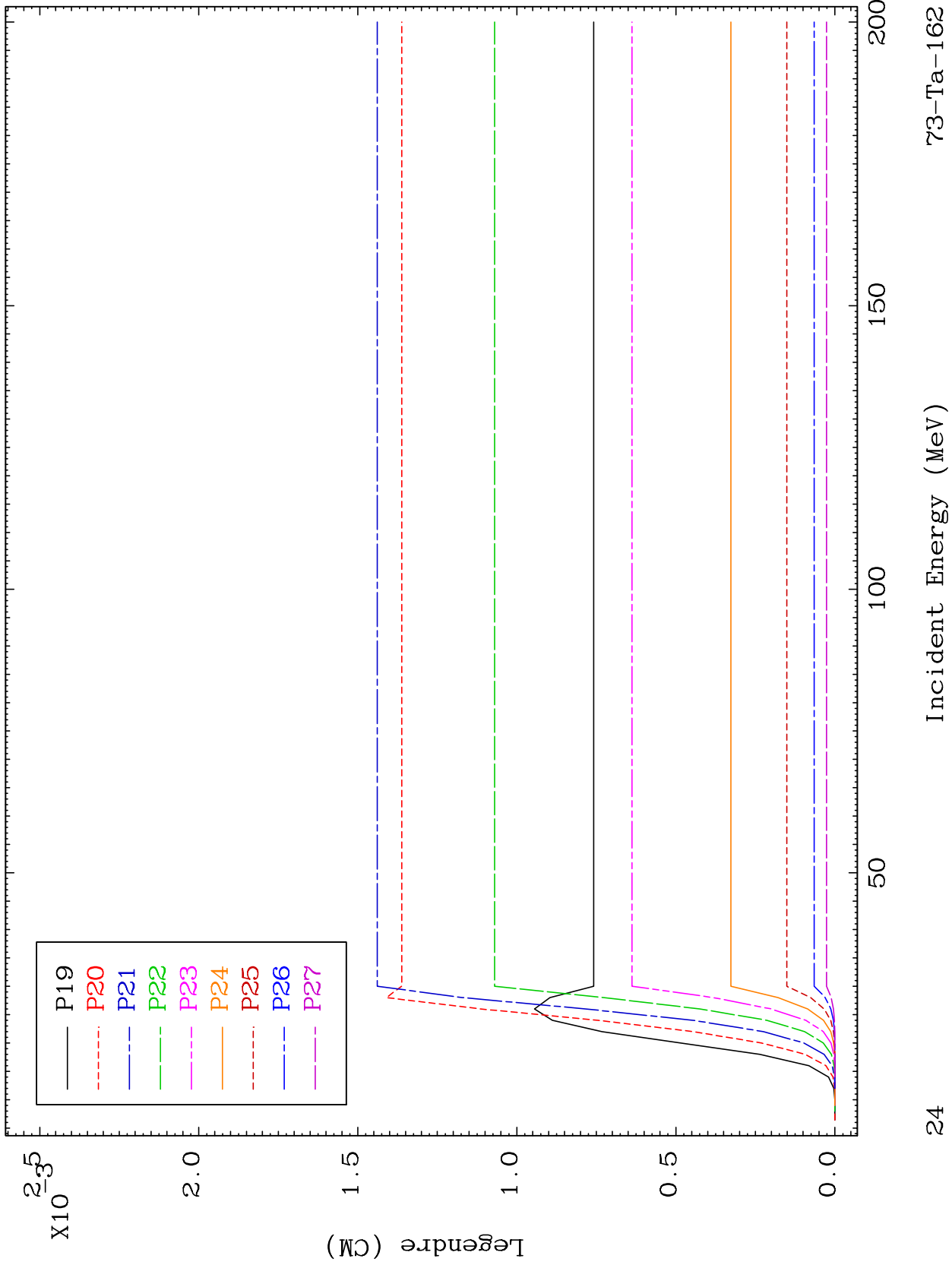
Incident Energy (MeV)

73-Ta-162

MAT 7271

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

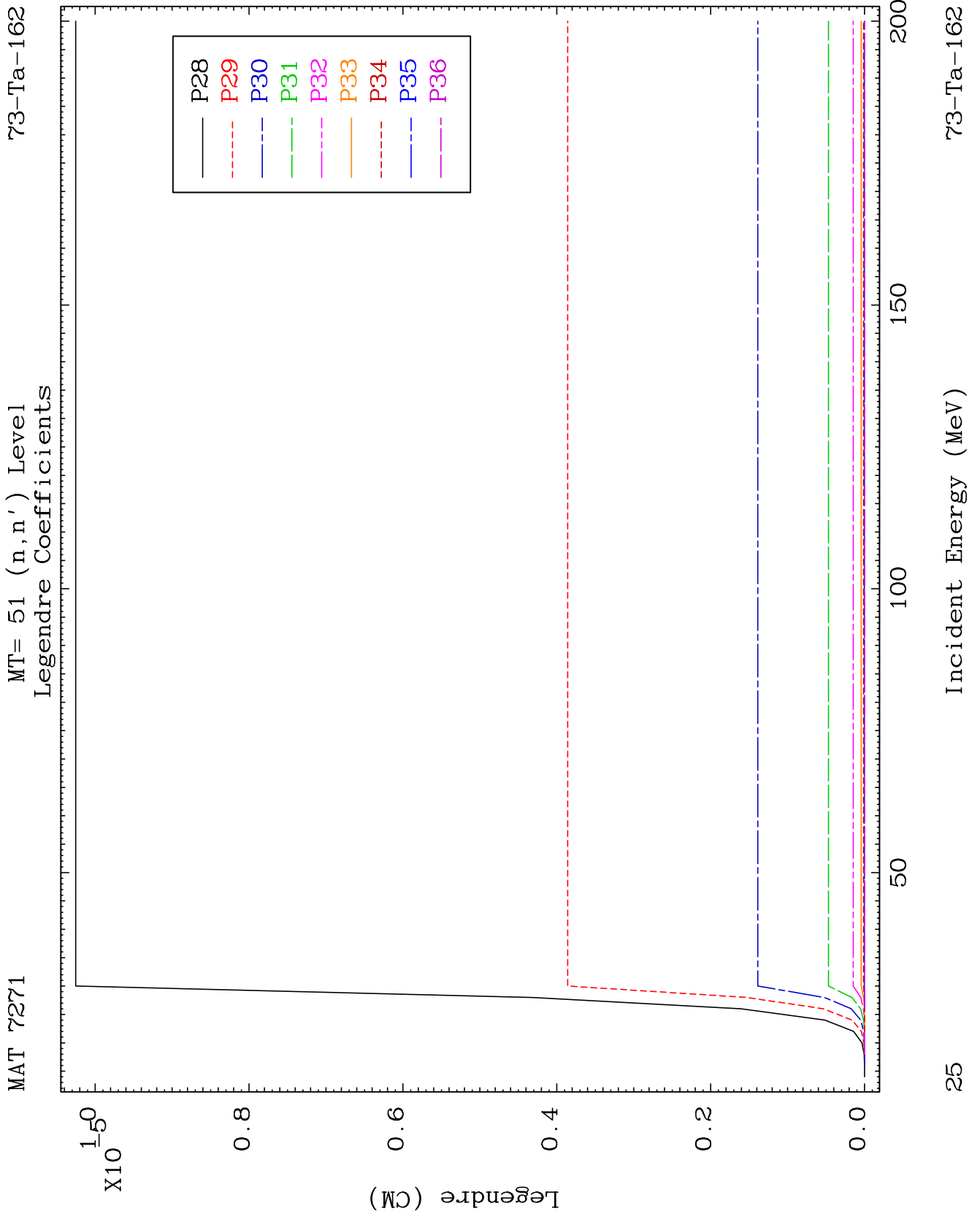
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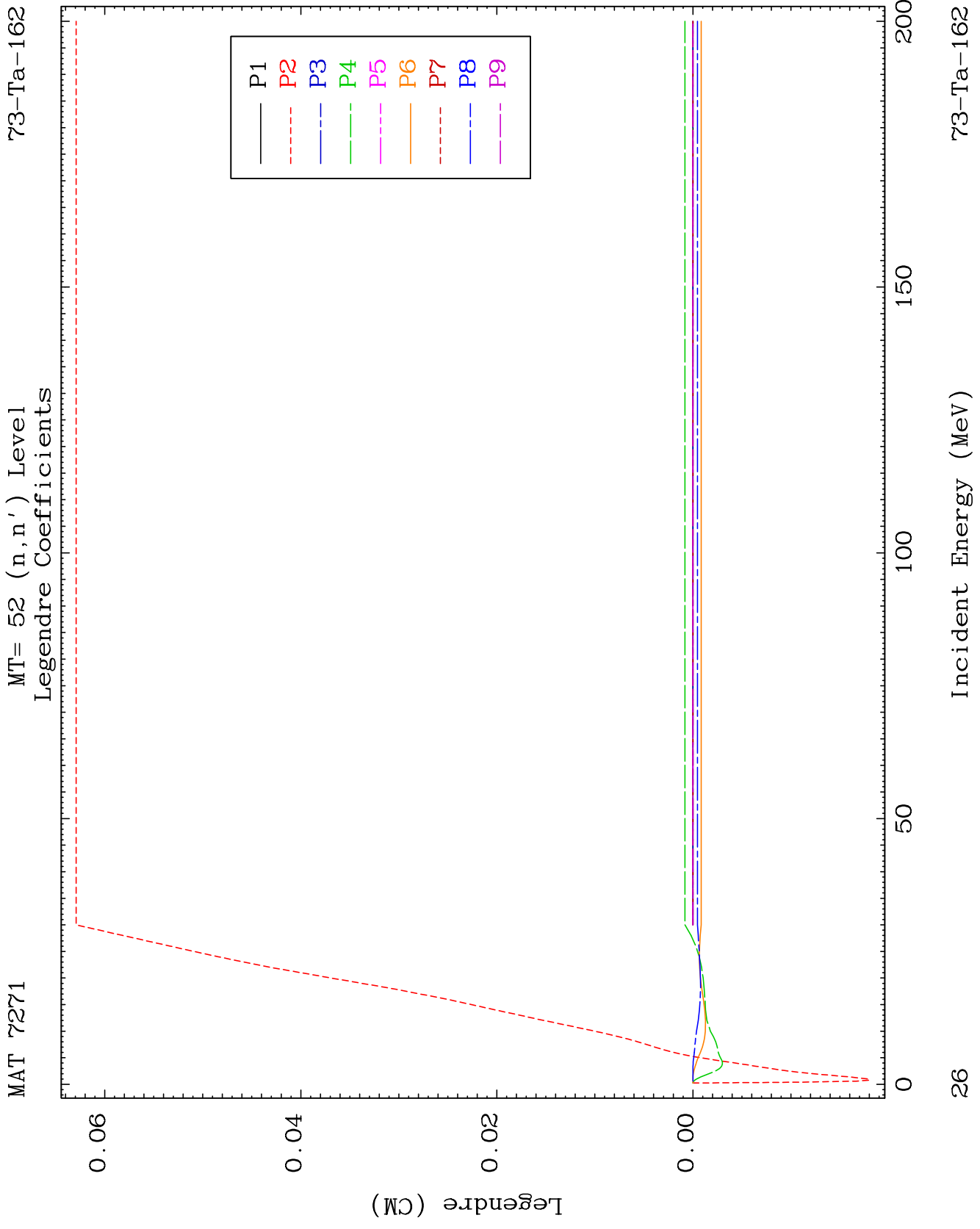


24

Incident Energy (MeV)

73-Ta-162

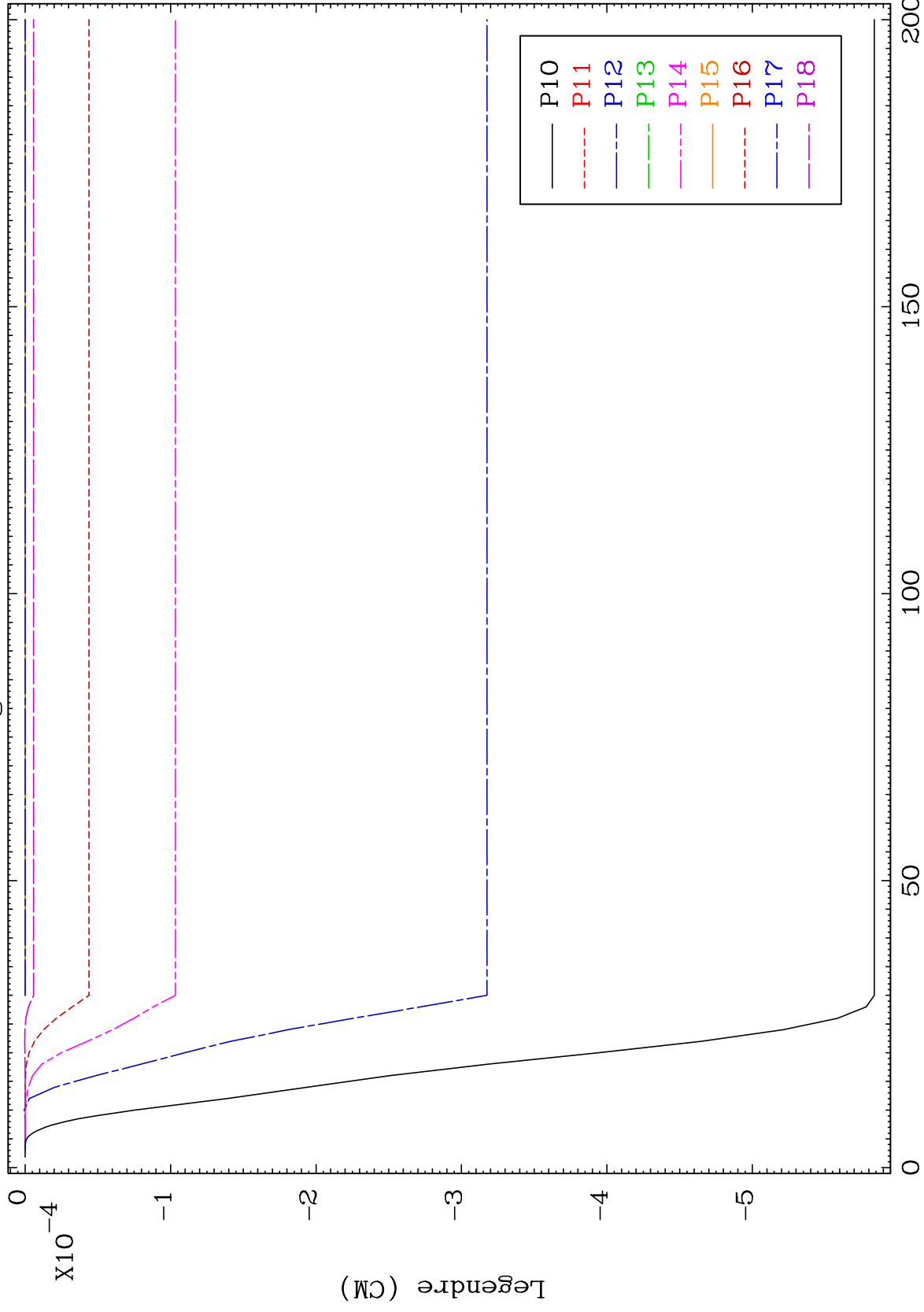




MAT 7271

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

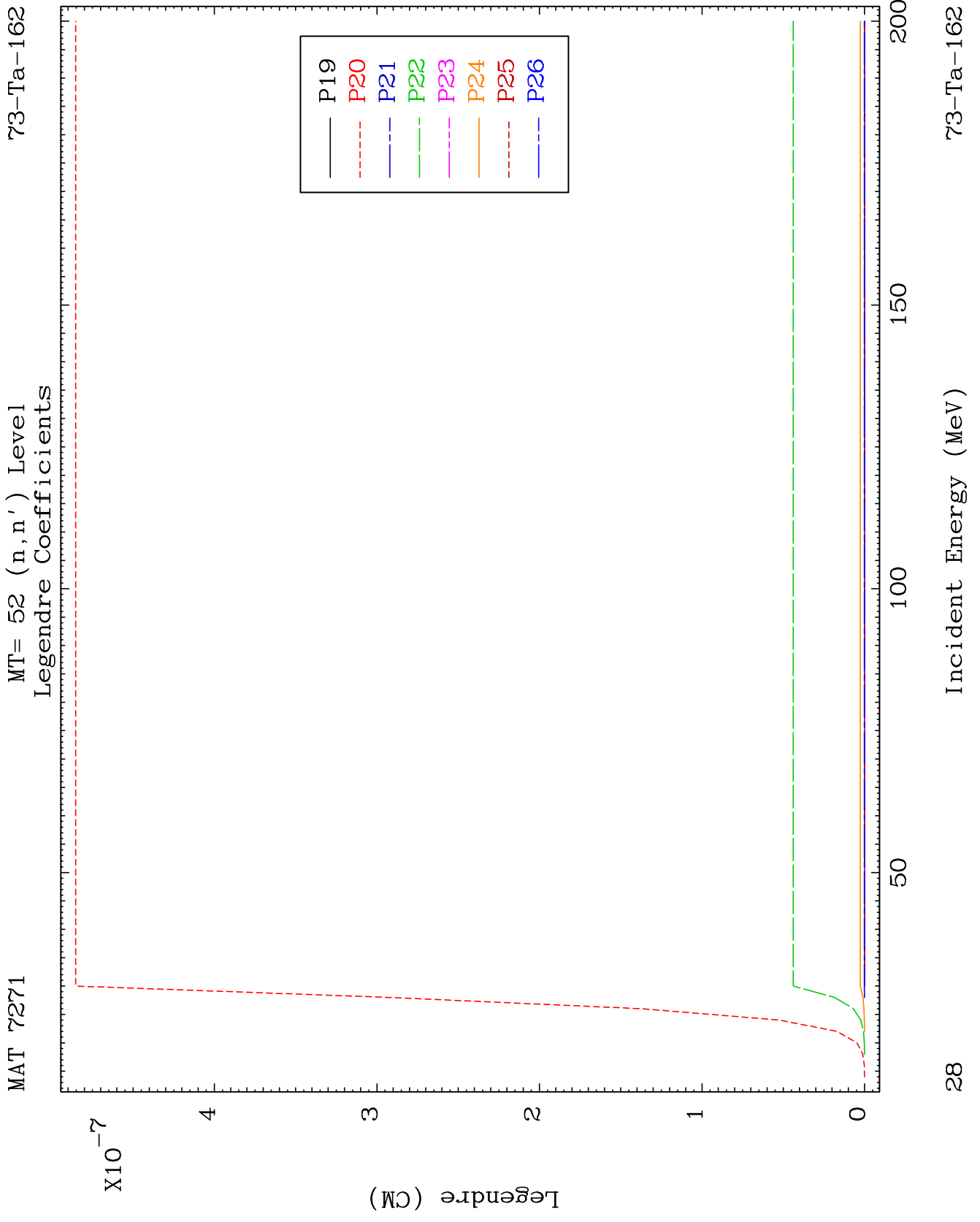
73-Ta-162



27

Incident Energy (MeV)

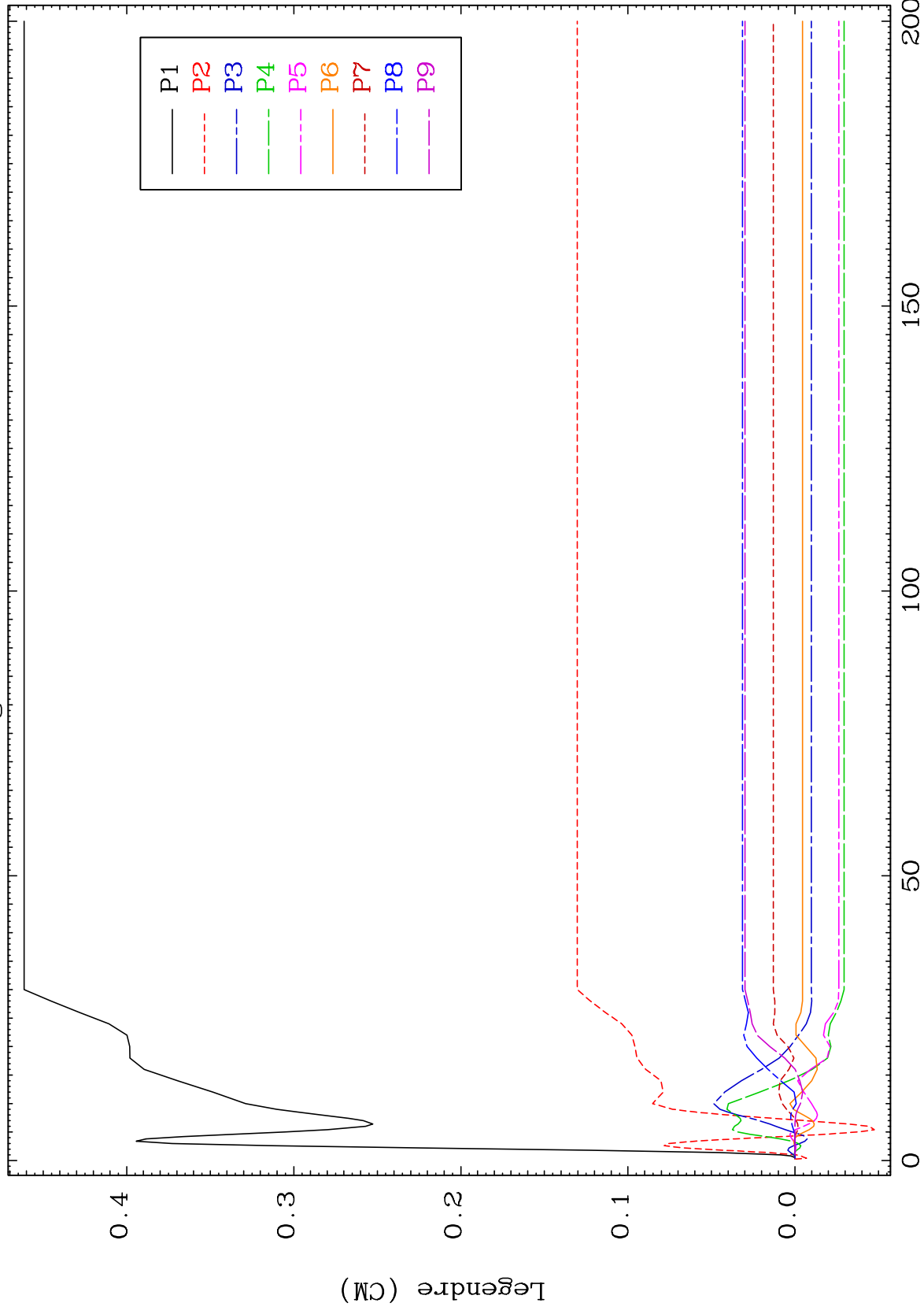
73-Ta-162



MAT 7271

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

73-Ta-162



29

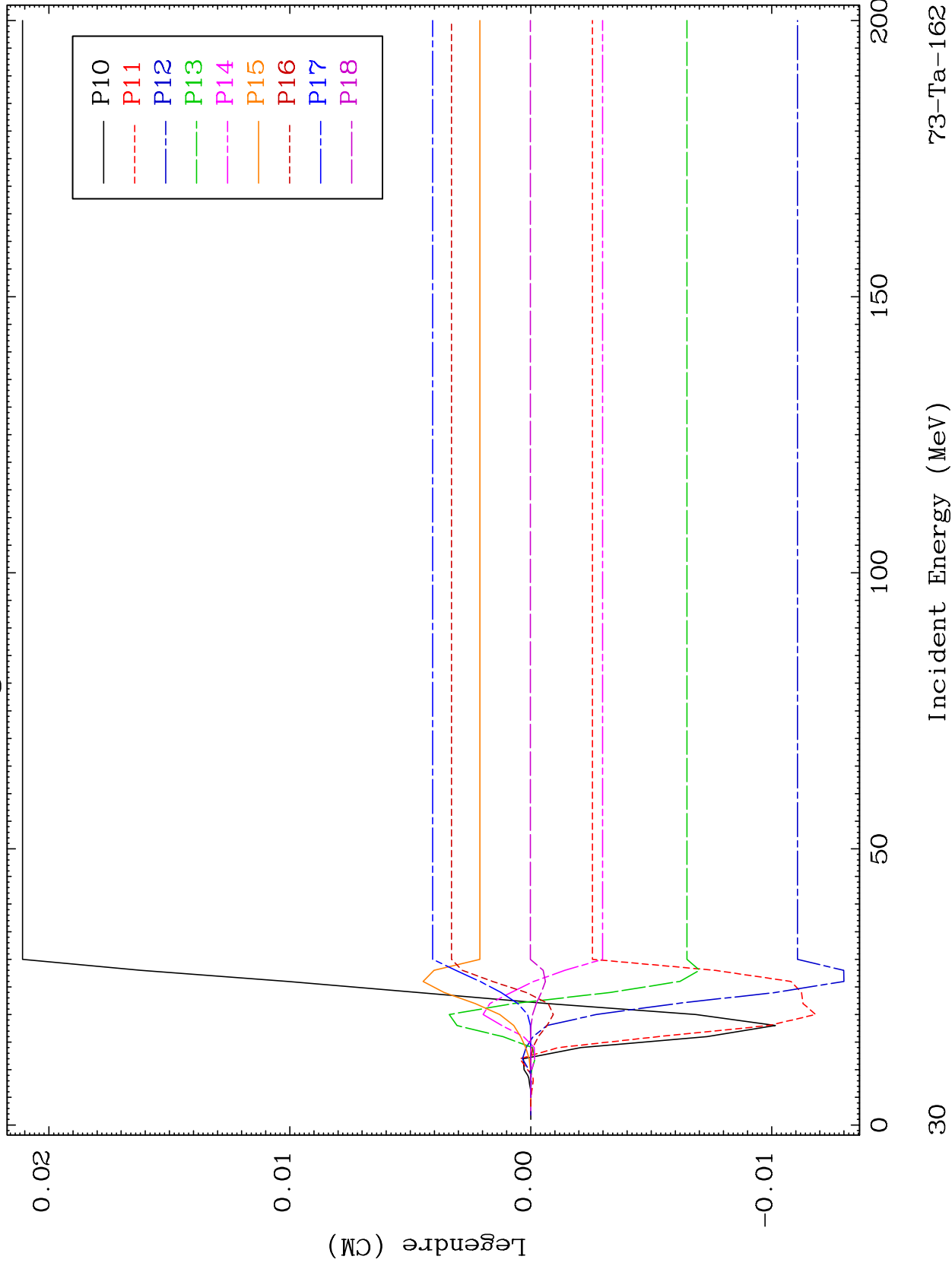
Incident Energy (MeV)

73-Ta-162

MAT 7271

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

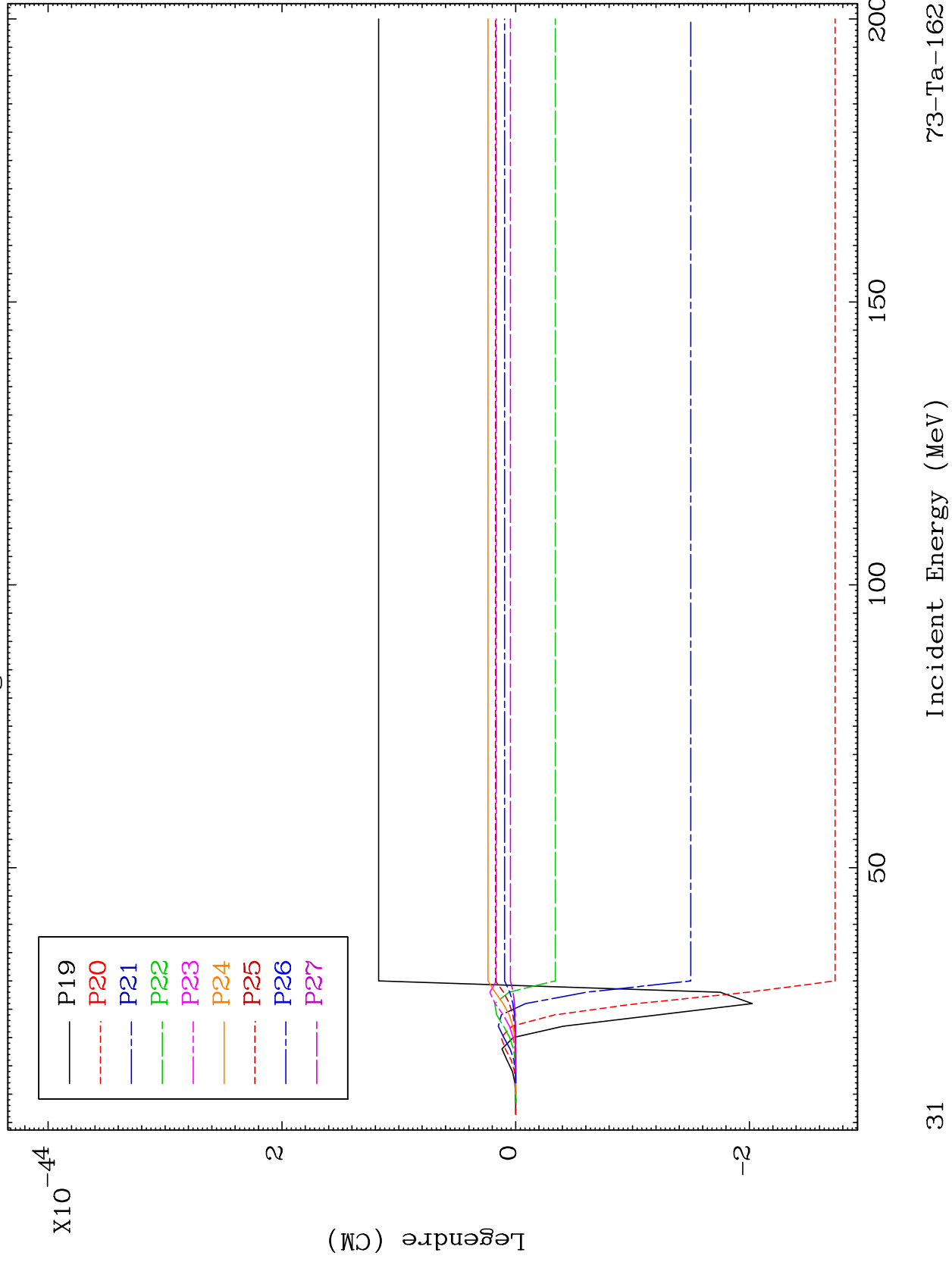
73-Ta-162



MAT 7271

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

73-Ta-162



31

Incident Energy (MeV)

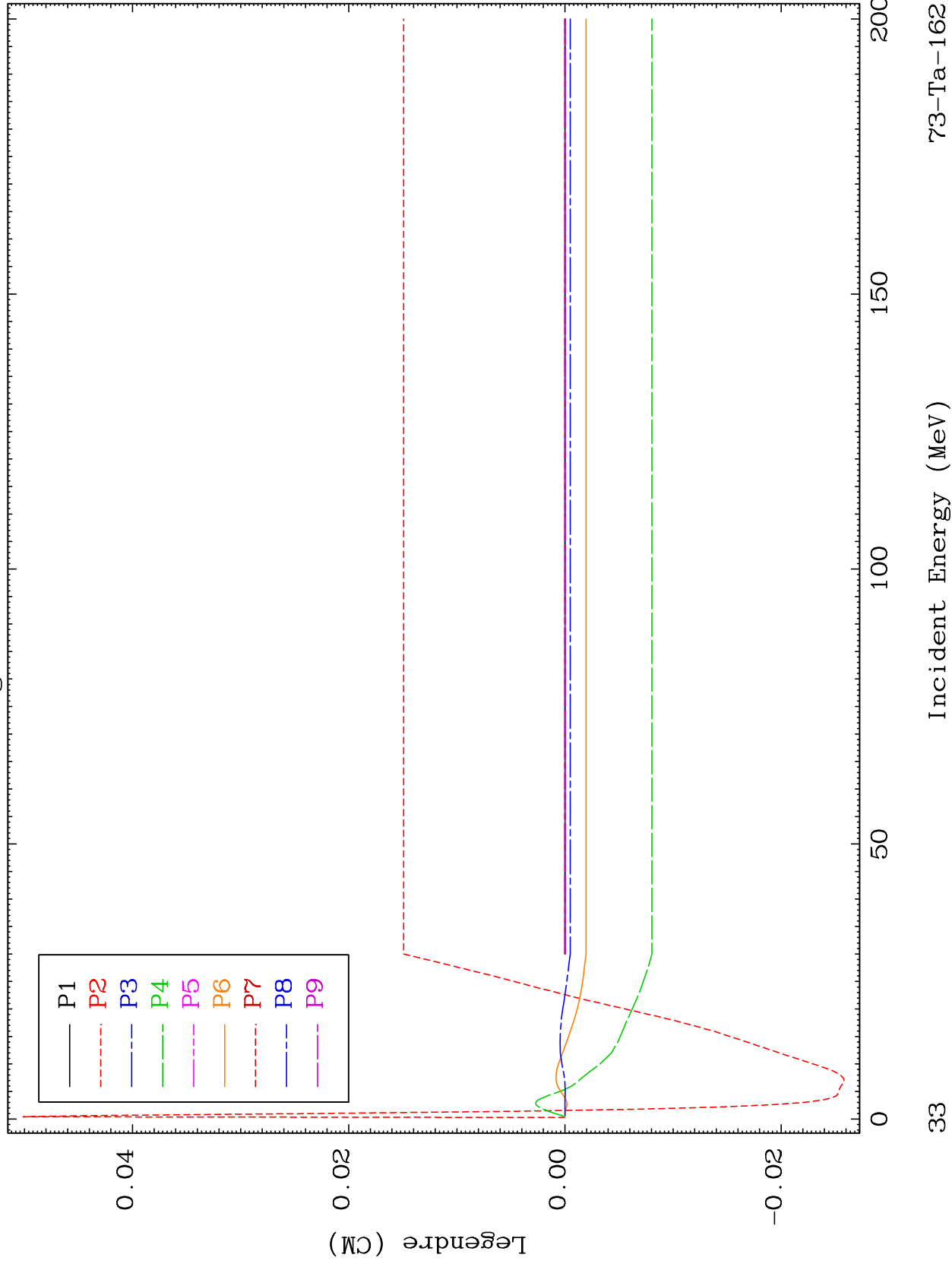
73-Ta-162



MAT 7271

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

73-Ta-162



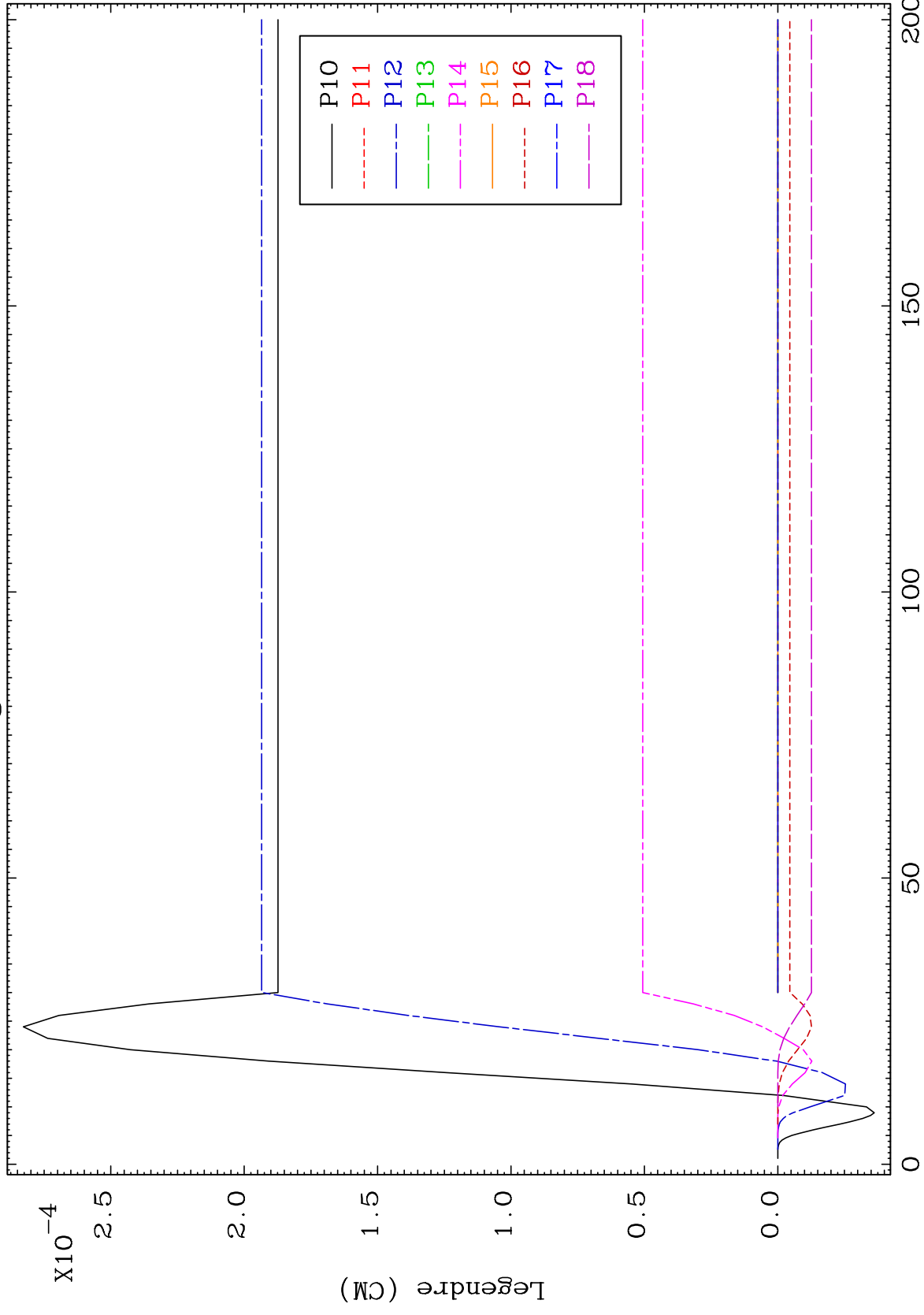
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73-Ta-162

MAT 7271

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

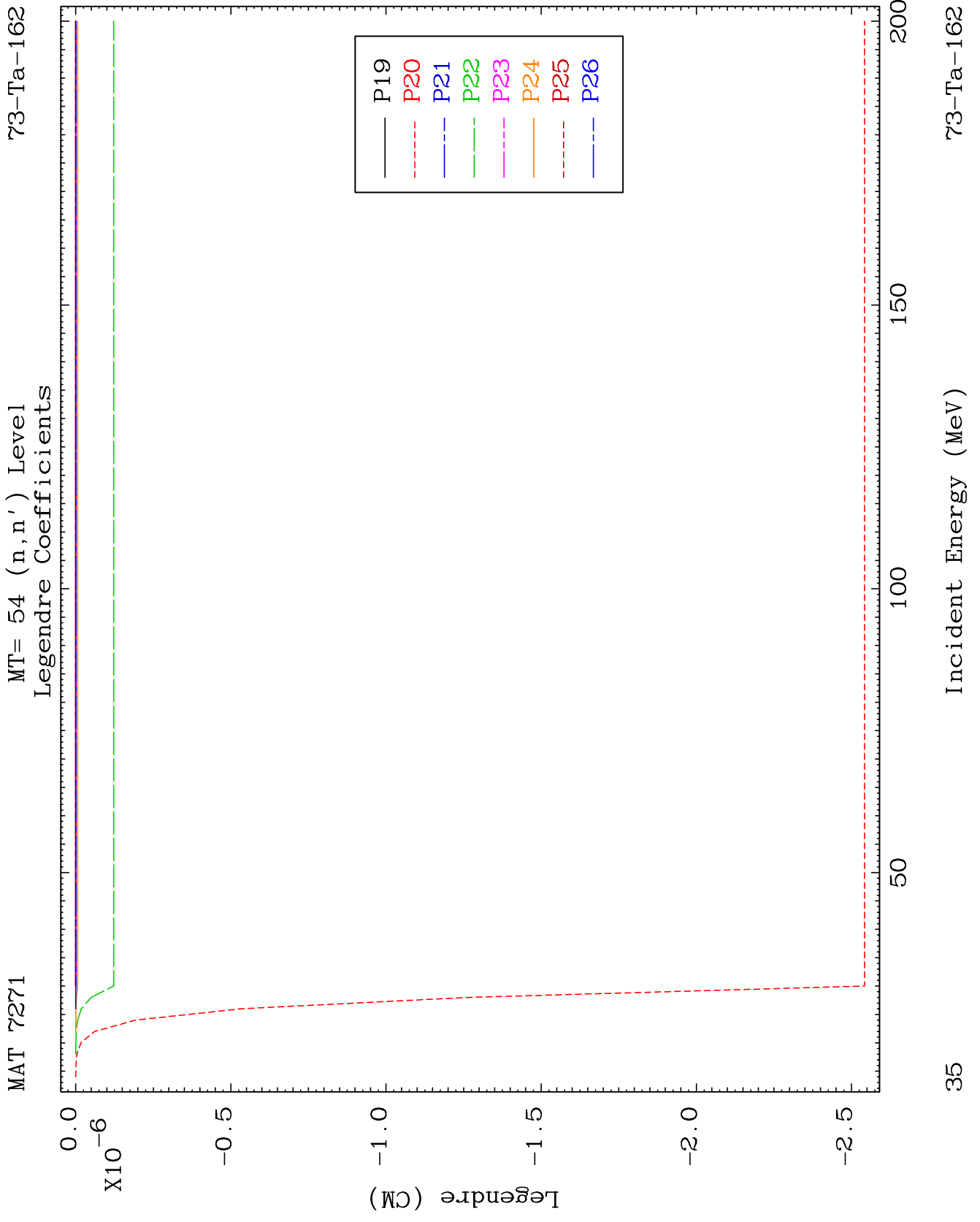
73-Ta-162



34

Incident Energy (MeV)

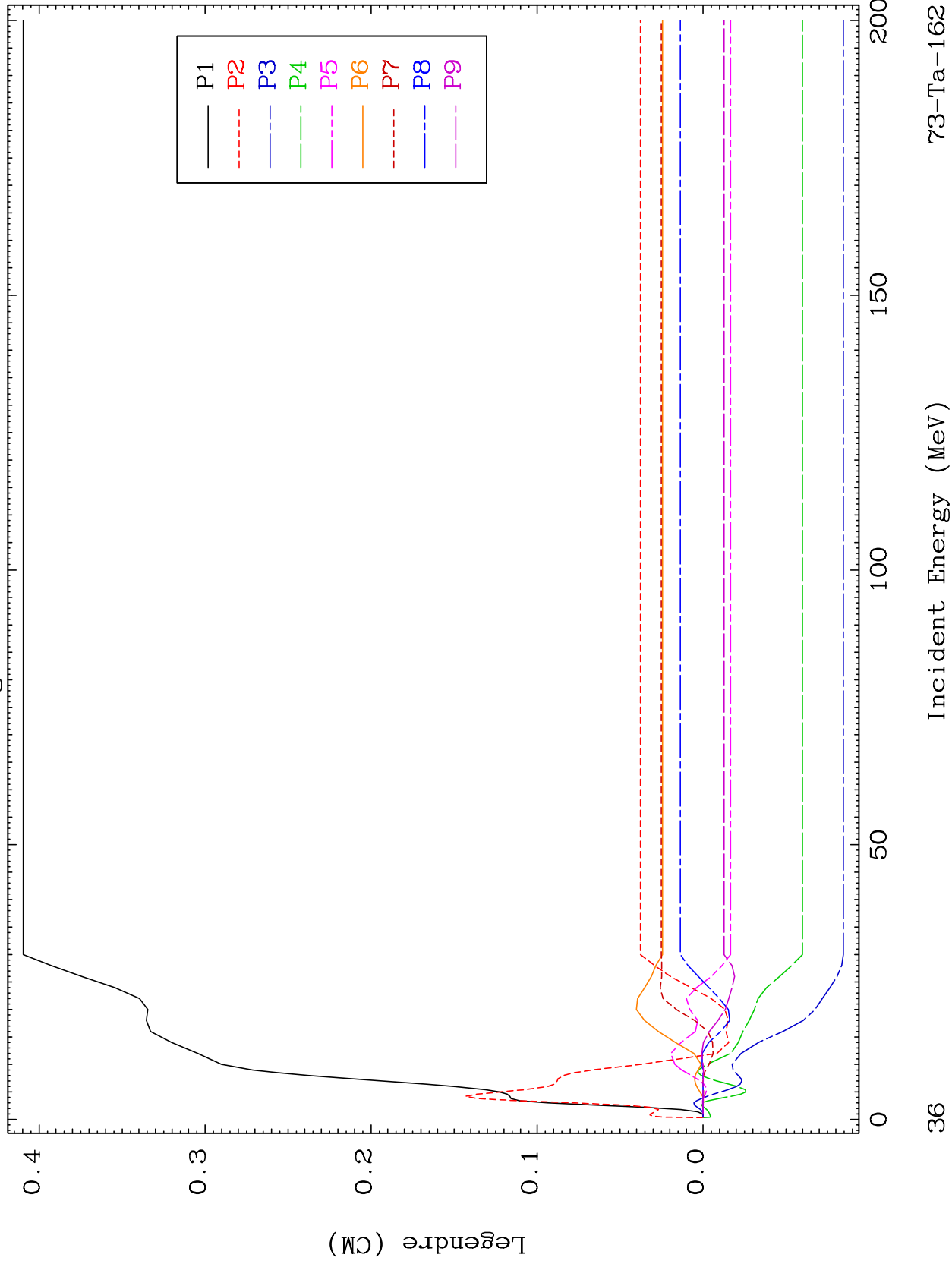
73-Ta-162



MAT 7271

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

73-Ta-162



36

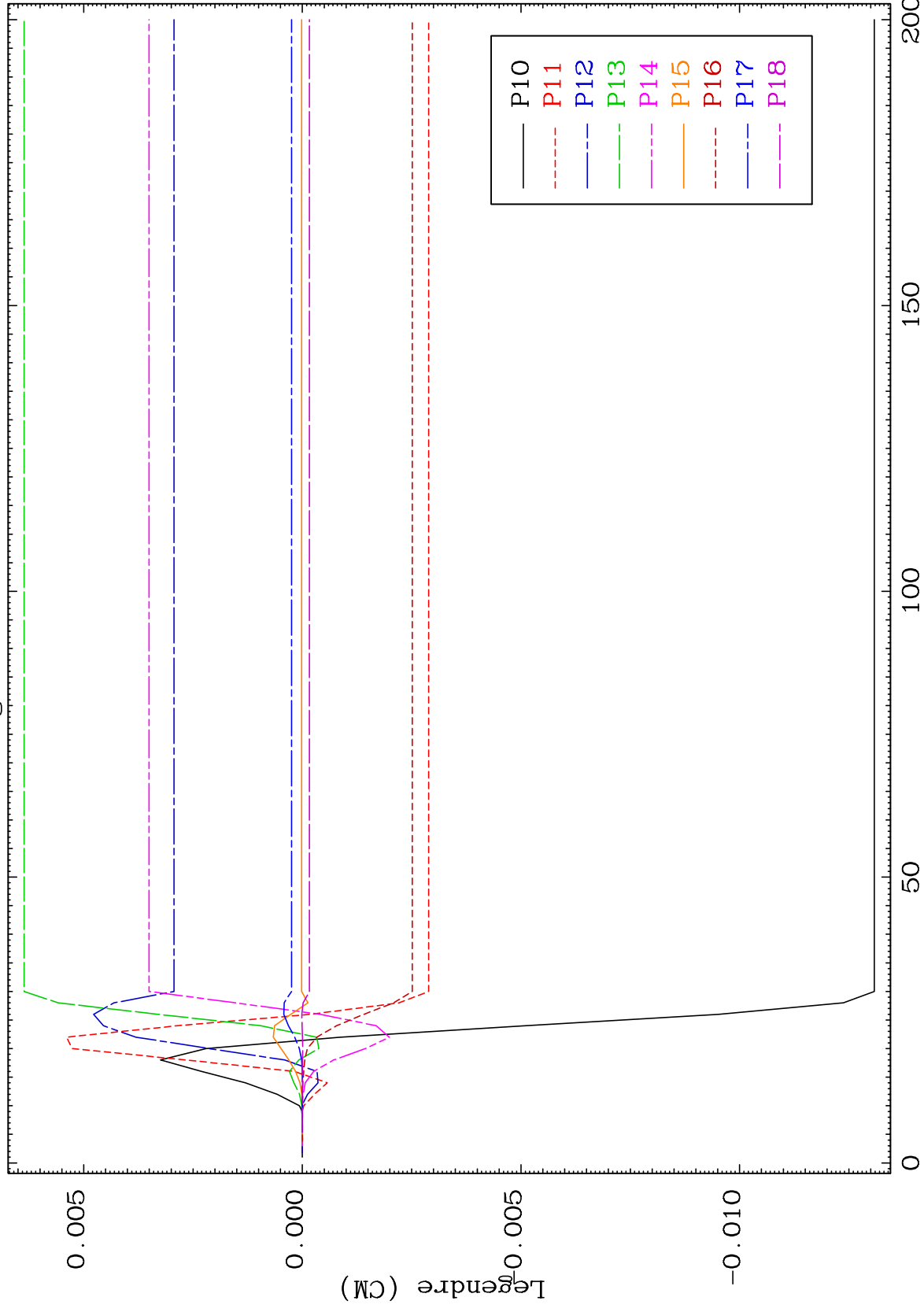
Incident Energy (MeV)

73-Ta-162

MAT 7271

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

73-Ta-162



37

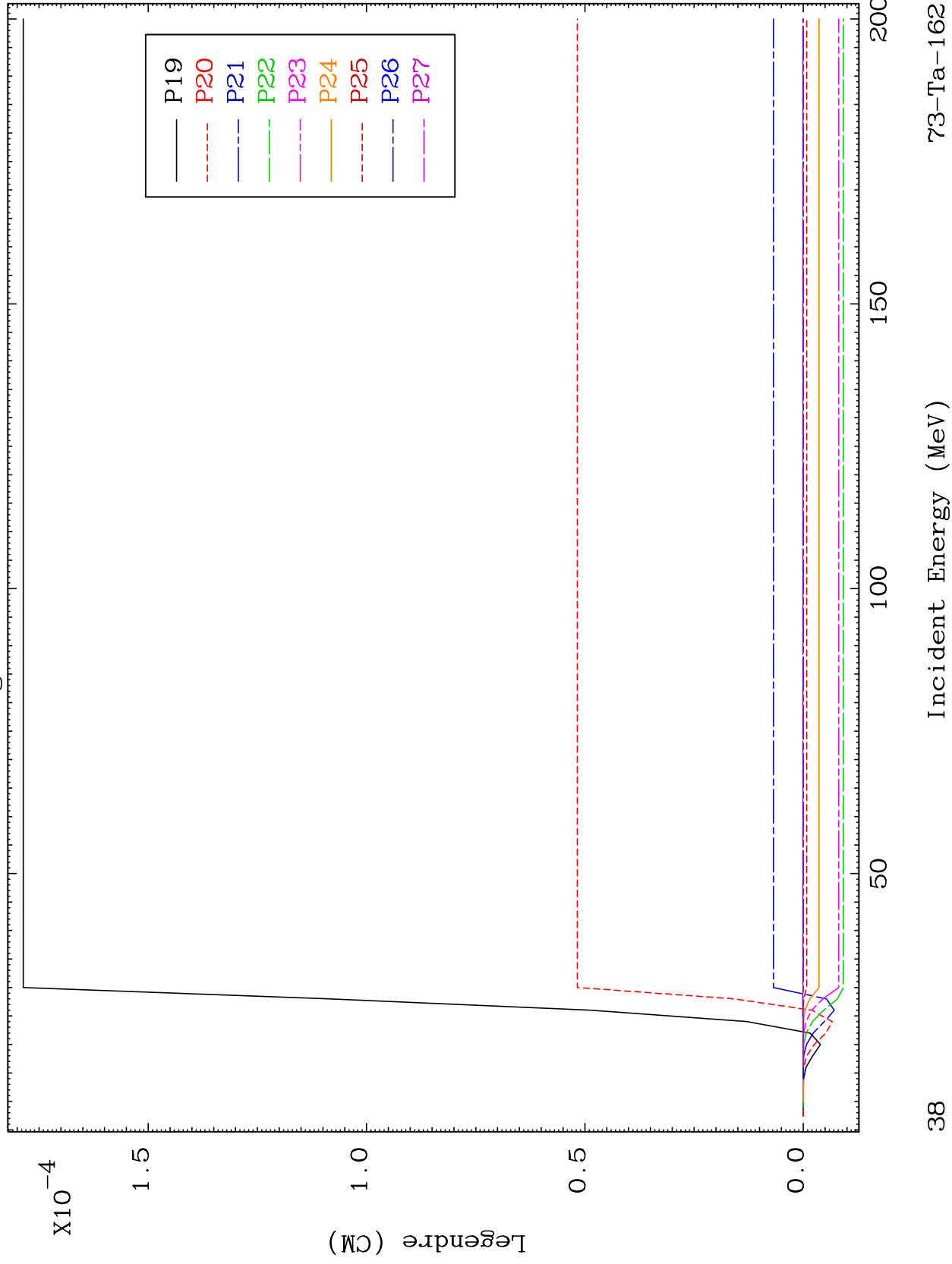
Incident Energy (MeV)

73-Ta-162

MAT 7271

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

73-Ta-162

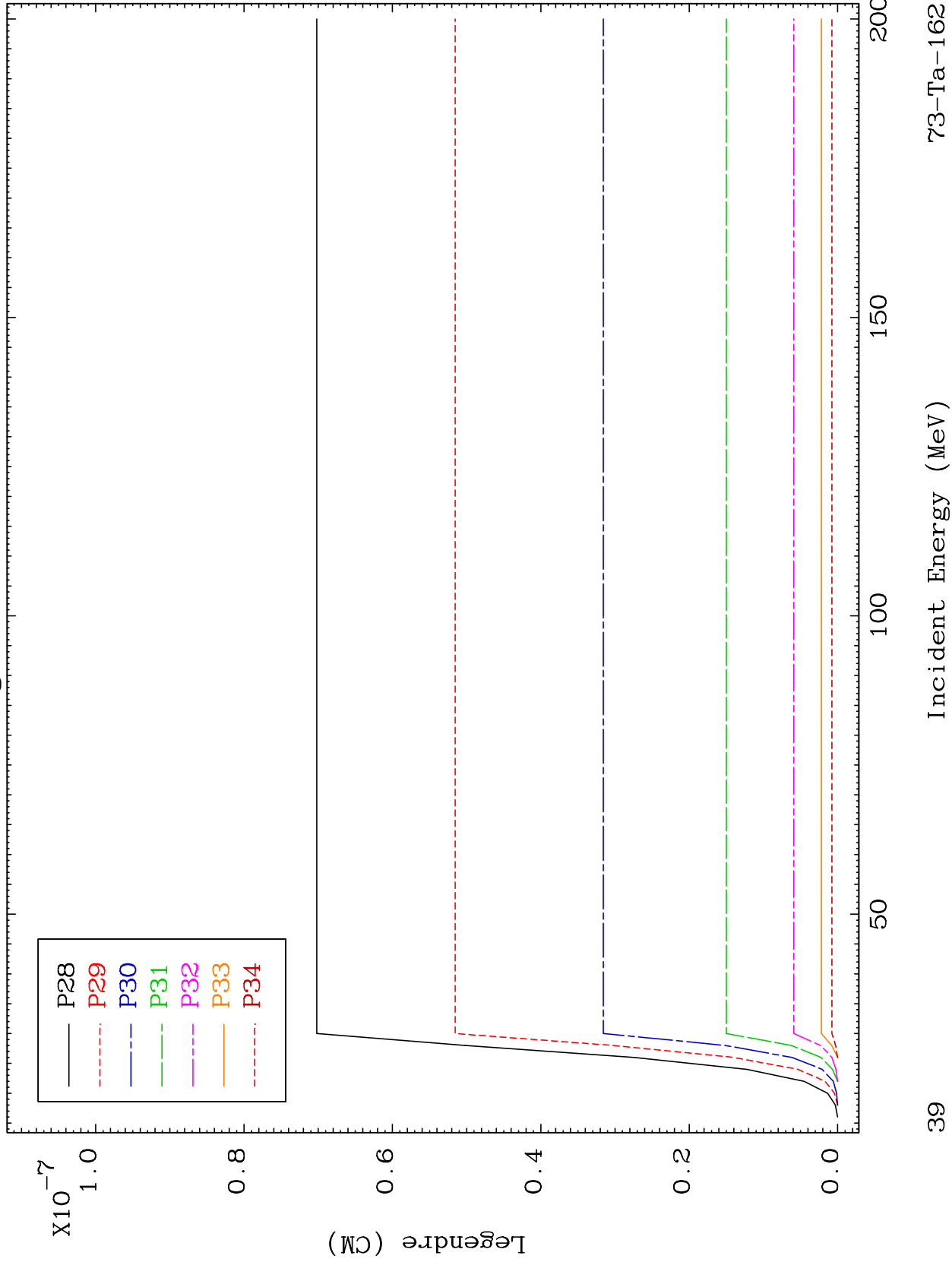


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MAT 7271

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

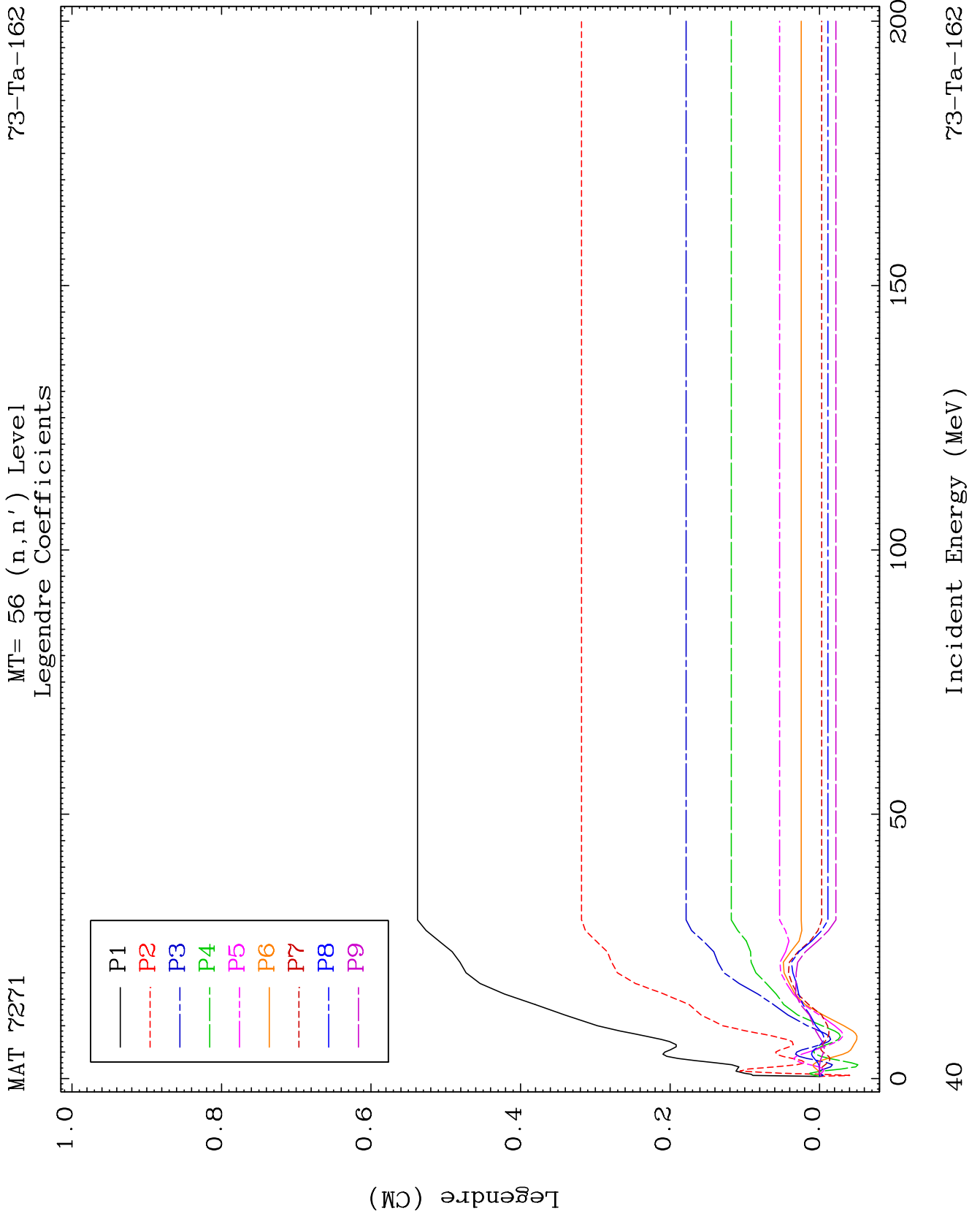
<sup>73</sup>Ta-162



39

Incident Energy (MeV)

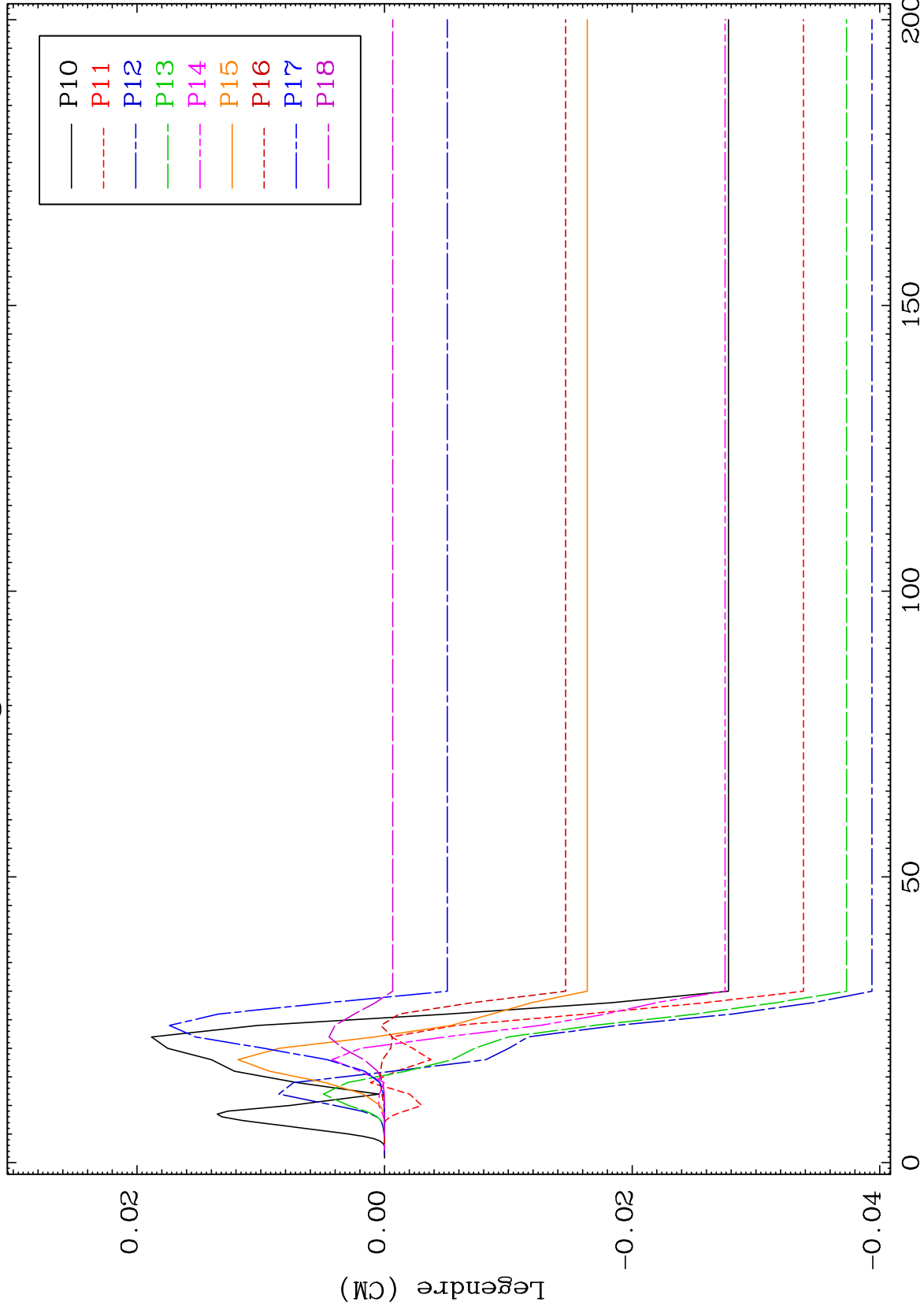
<sup>73</sup>Ta-162



MAT 7271

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

73-Ta-162



41

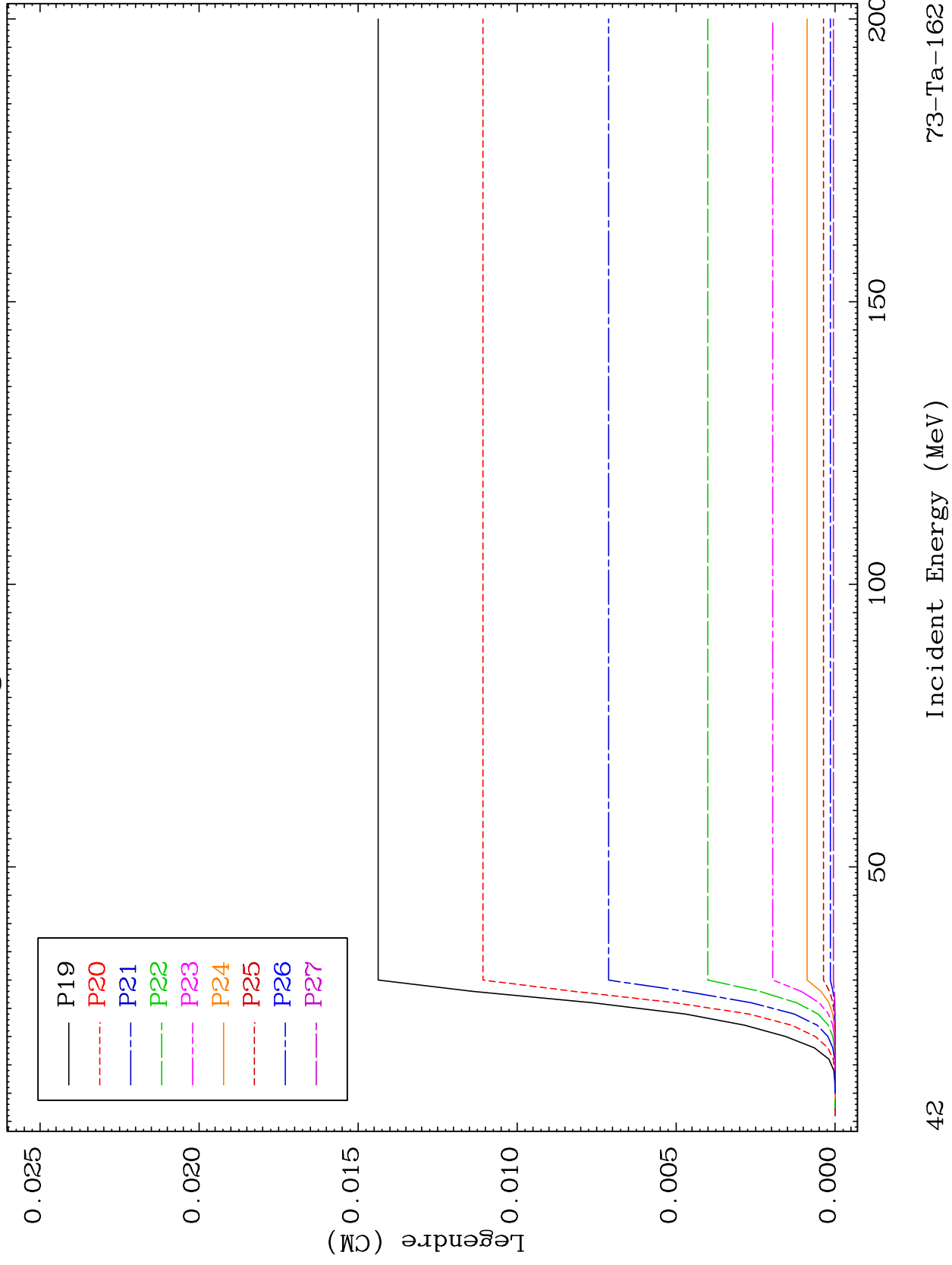
Incident Energy (MeV)

73-Ta-162

MAT 7271

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

73-Ta-162



42

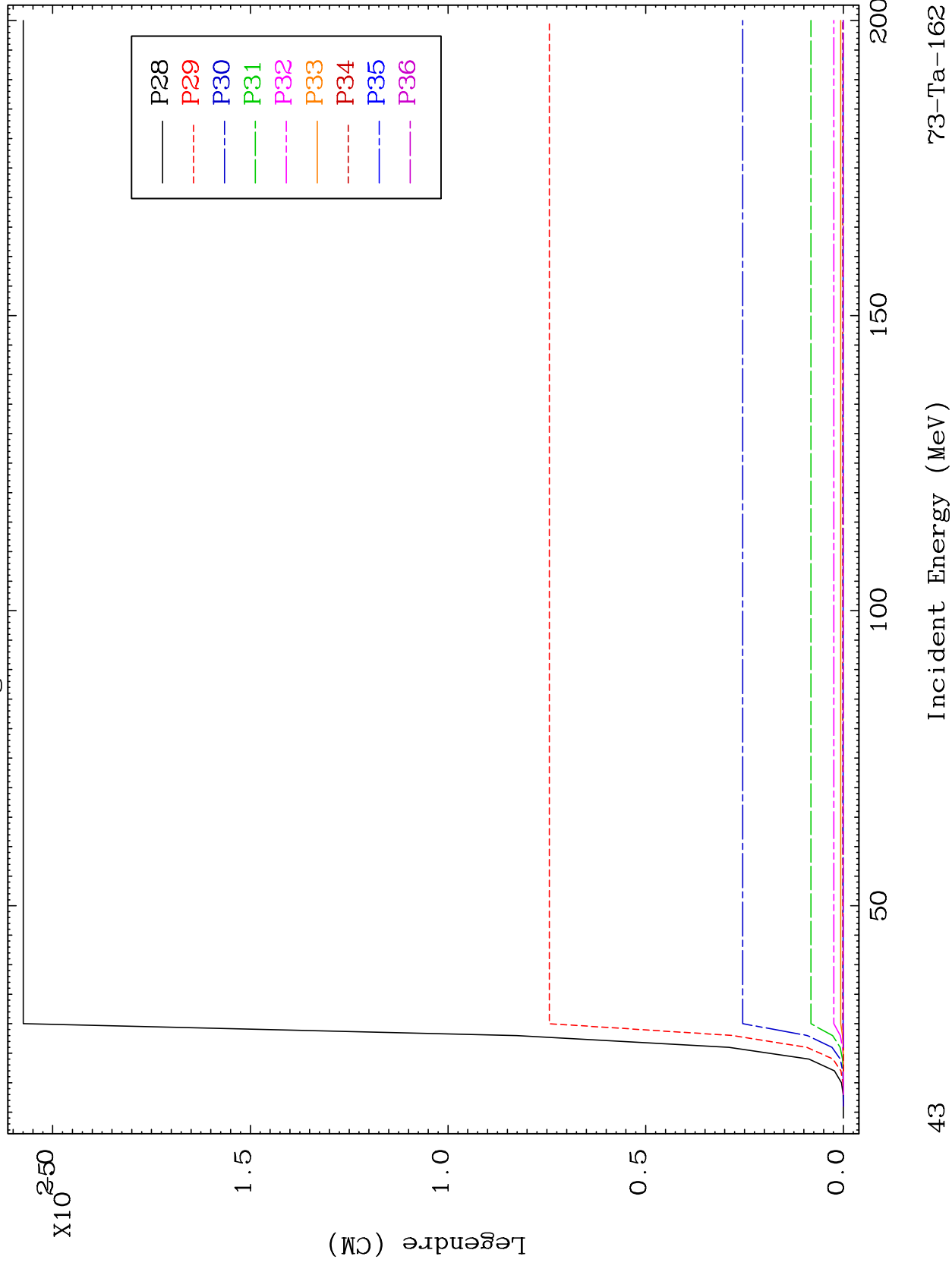
Incident Energy (MeV)

73-Ta-162

MAT 7271

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

73-Ta-162



43

Incident Energy (MeV)

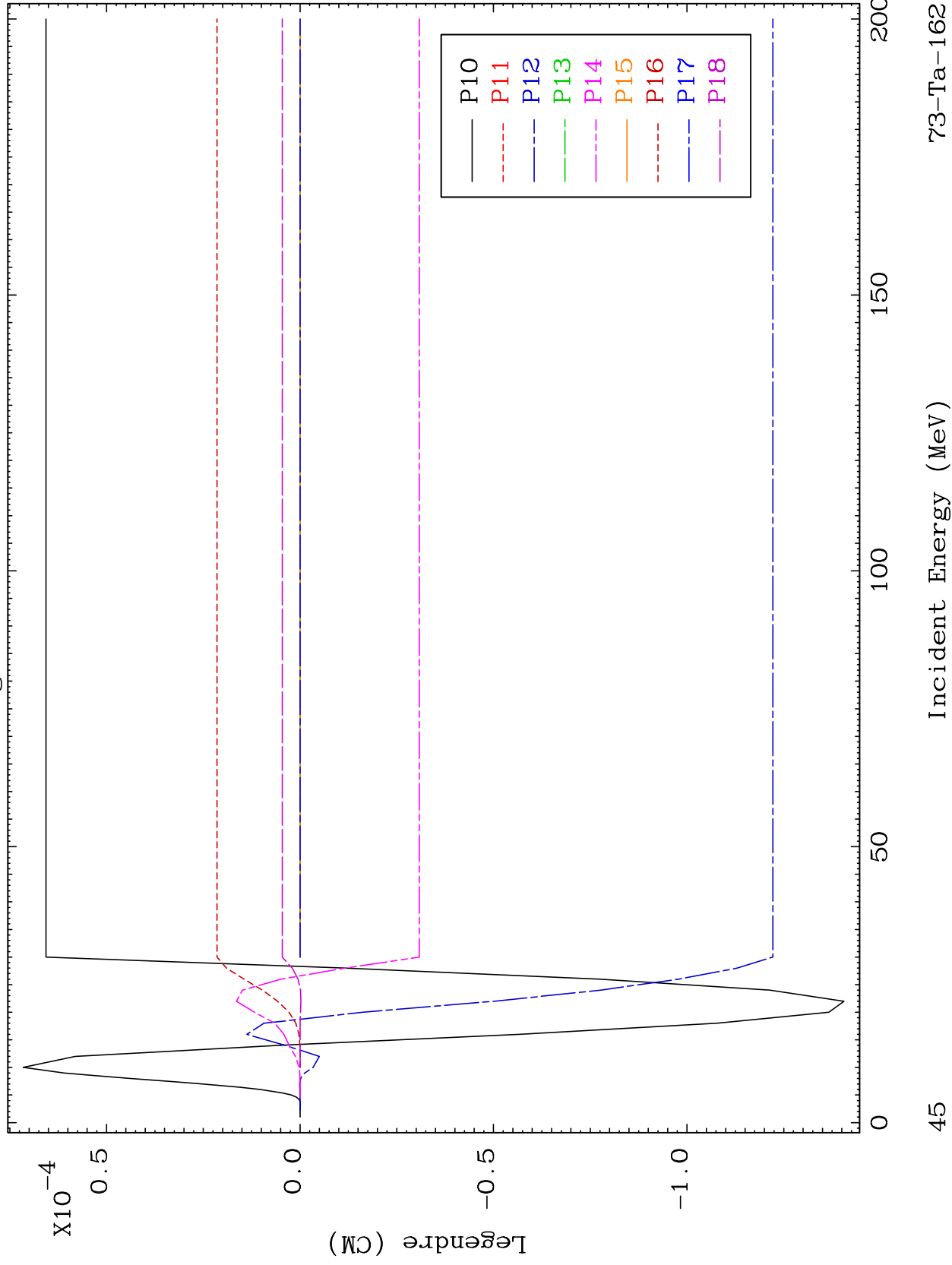
73-Ta-162



MAT 7271

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

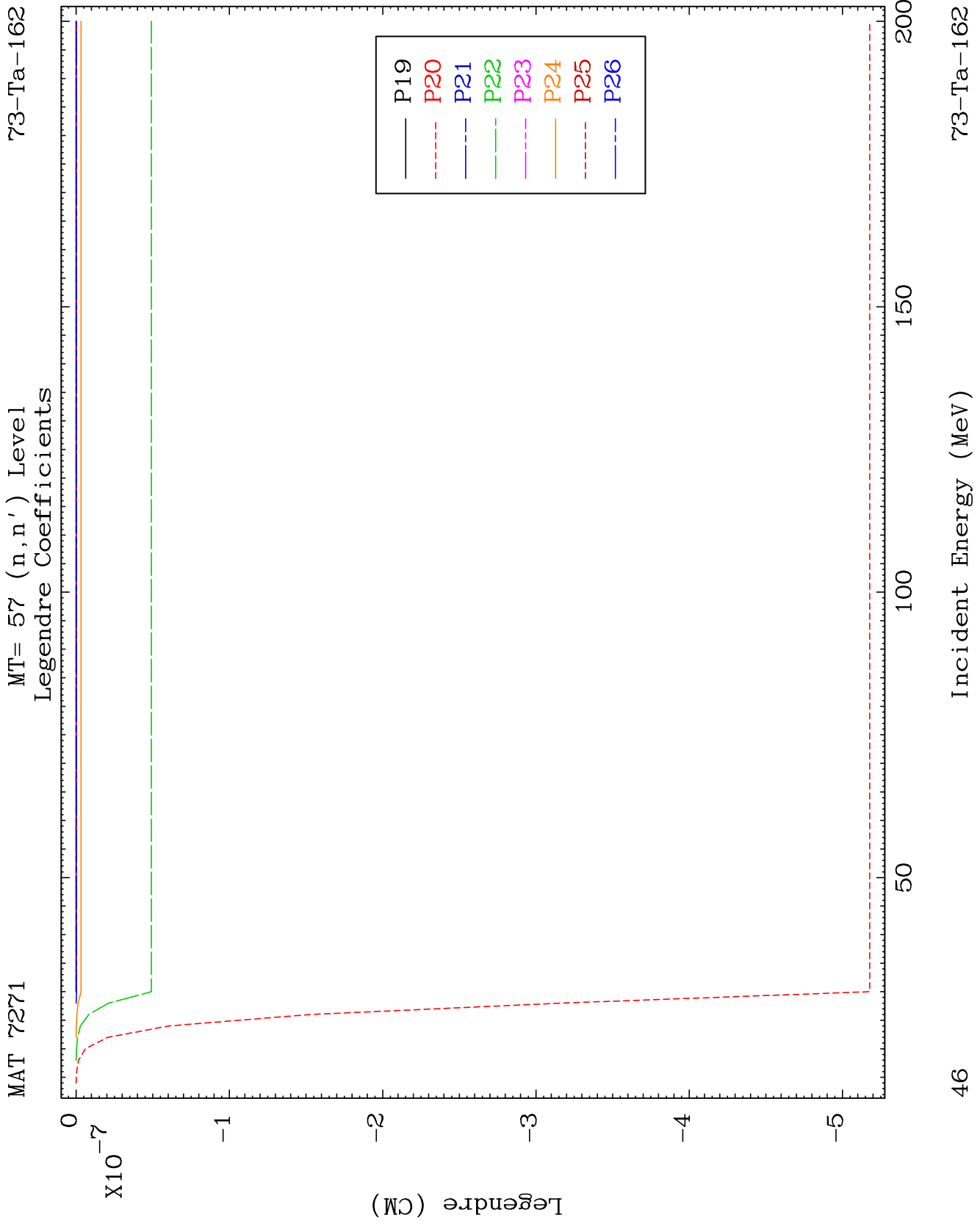
73-Ta-162



73-Ta-162

Incident Energy (MeV)

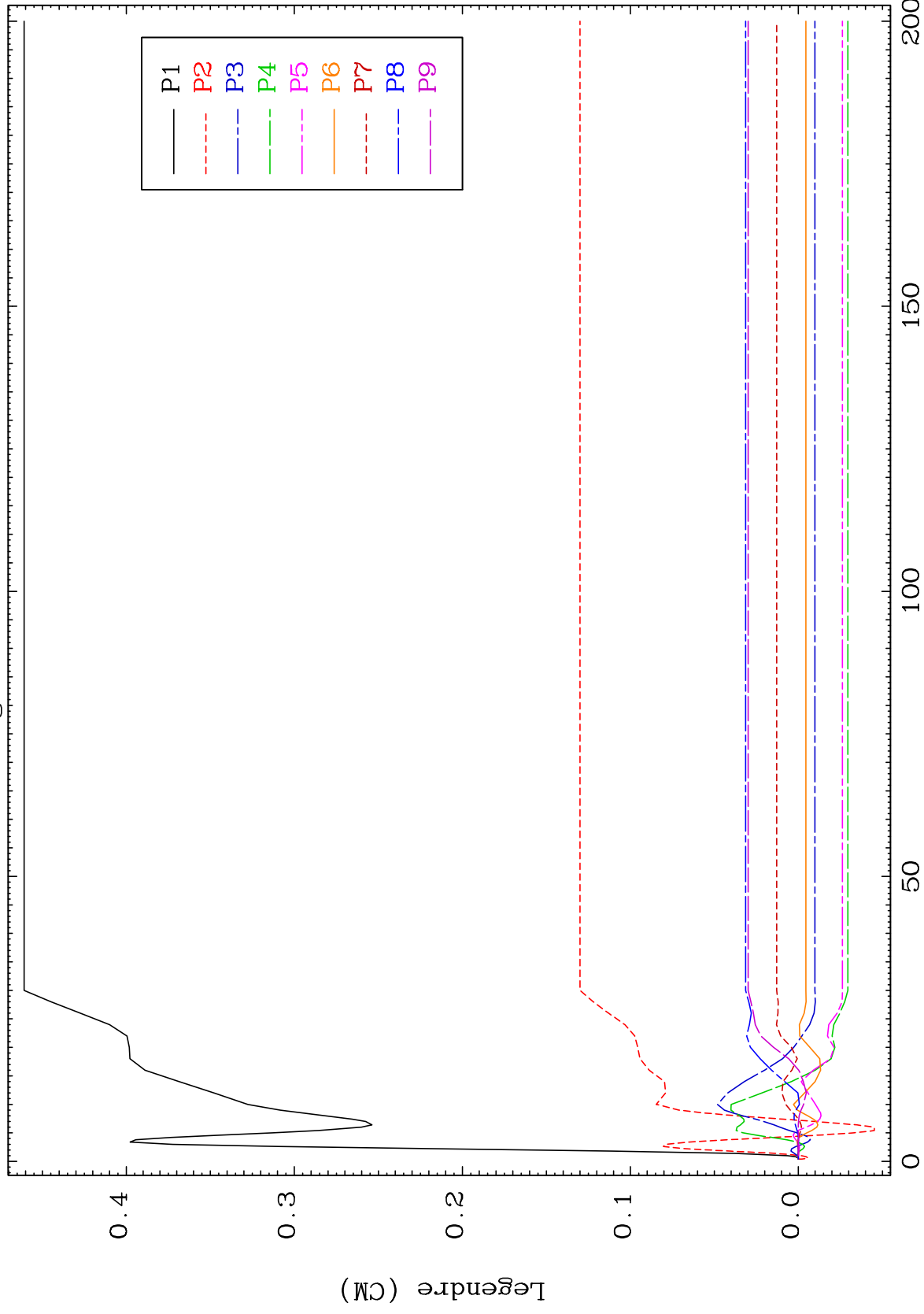
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MAT 7271

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

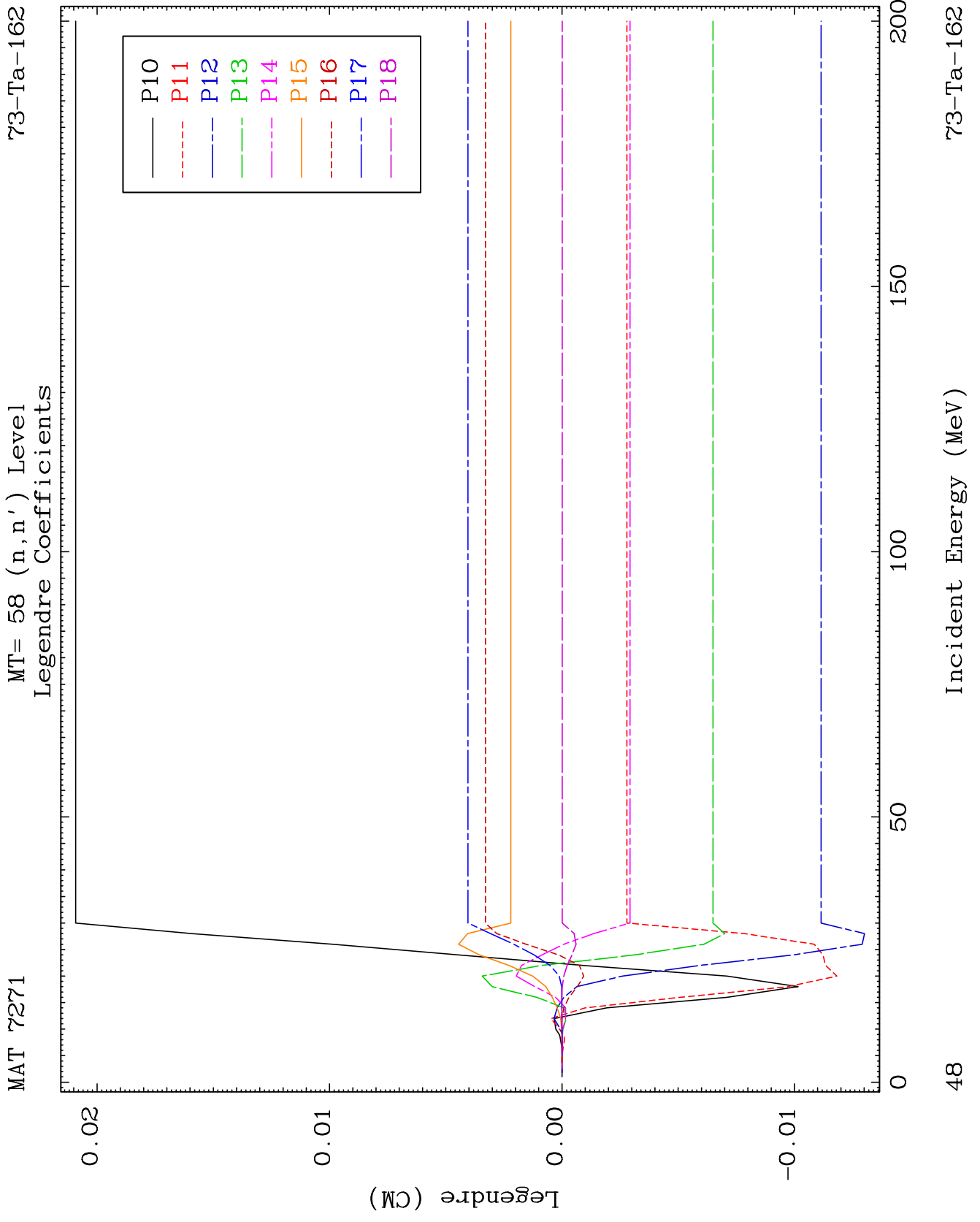
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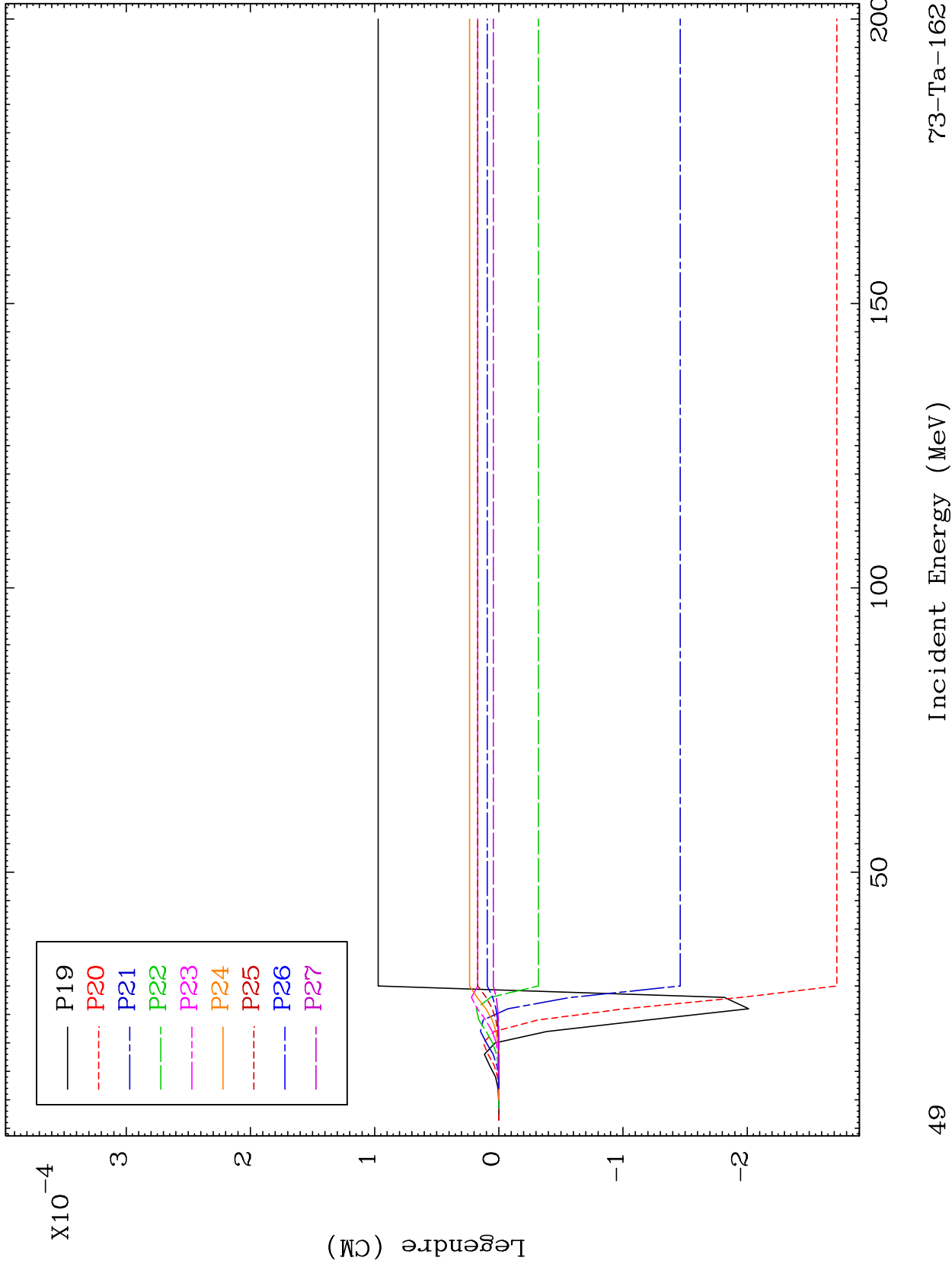


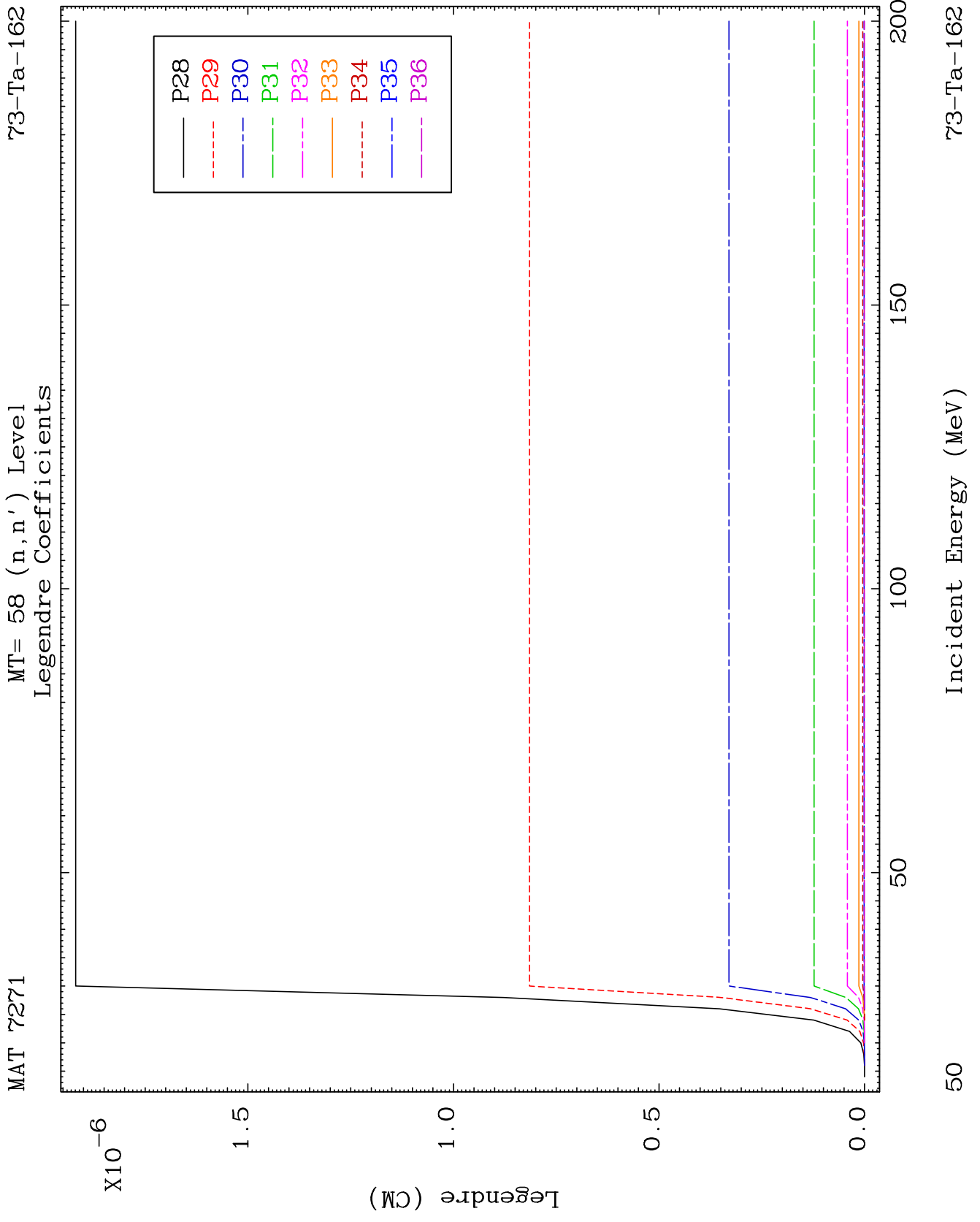
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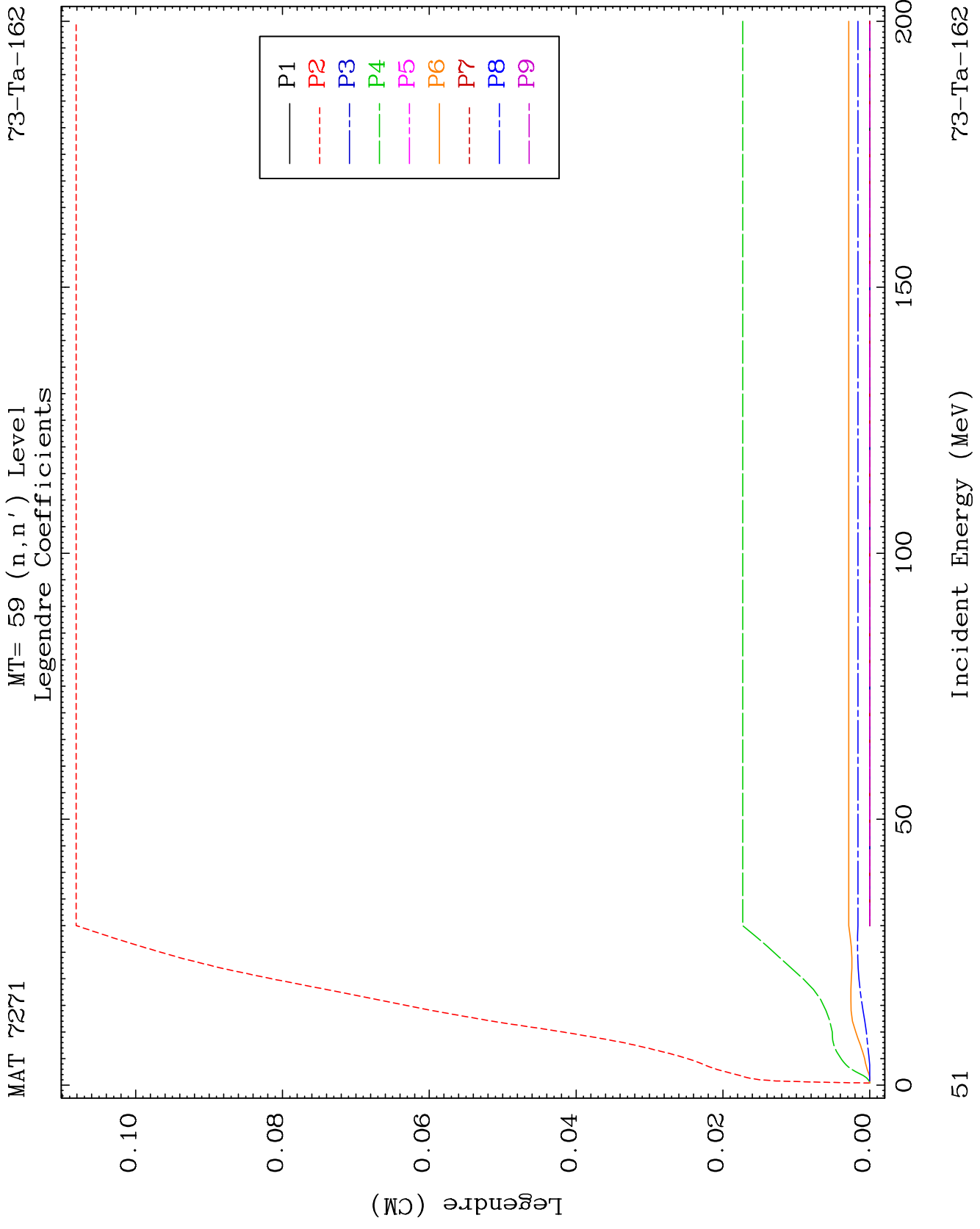
Incident Energy (MeV)

73-Ta-162





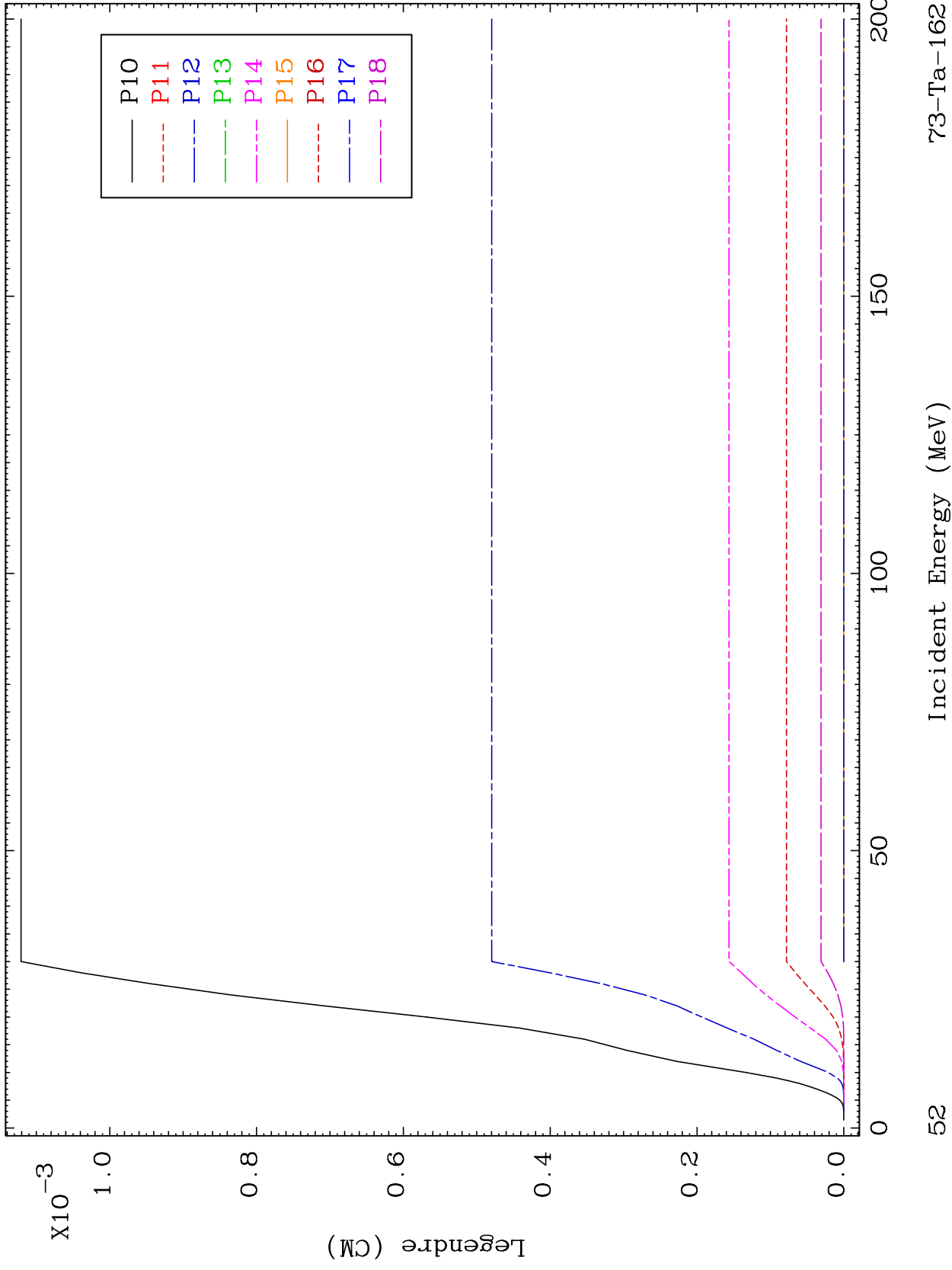




MAT 7271

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

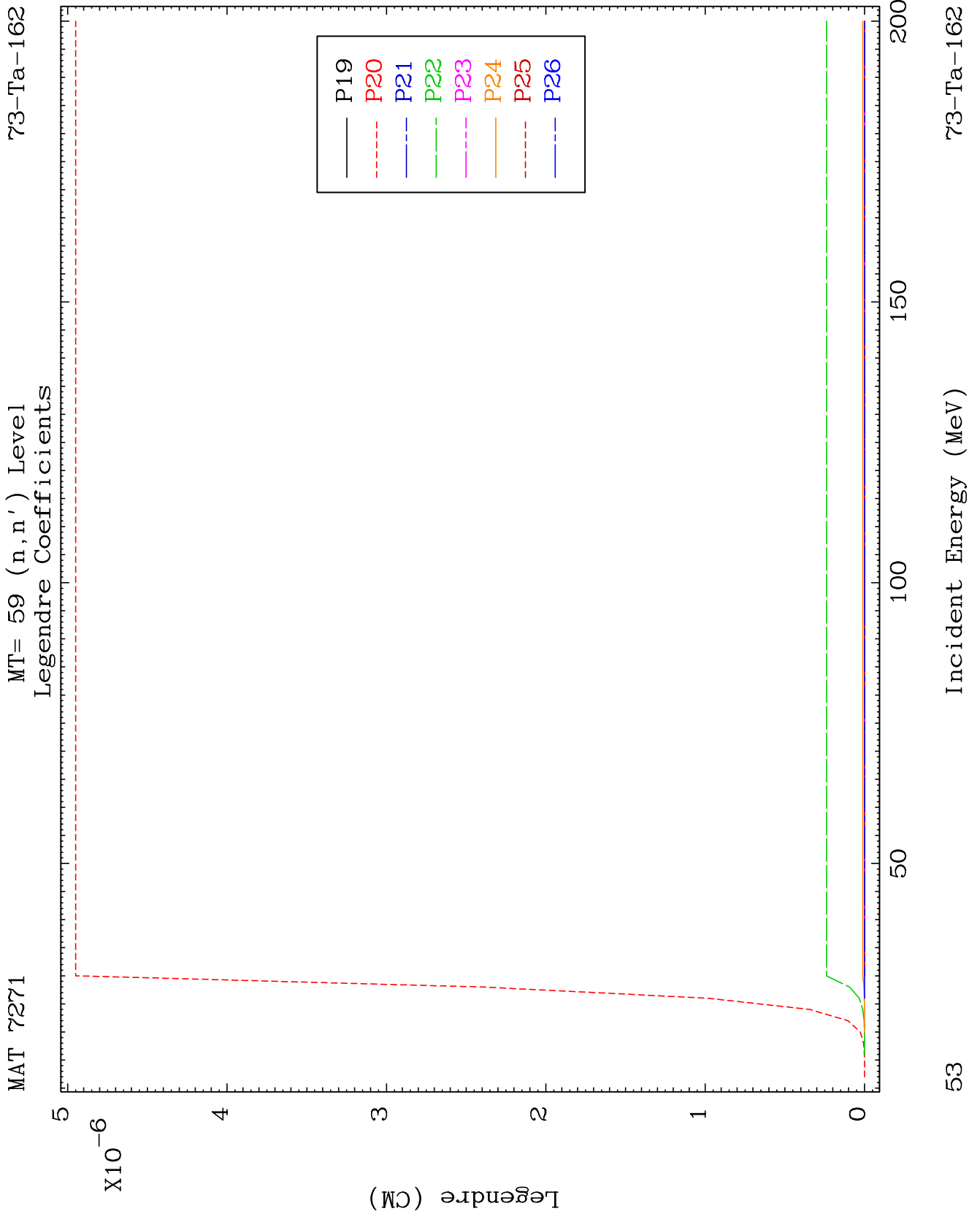
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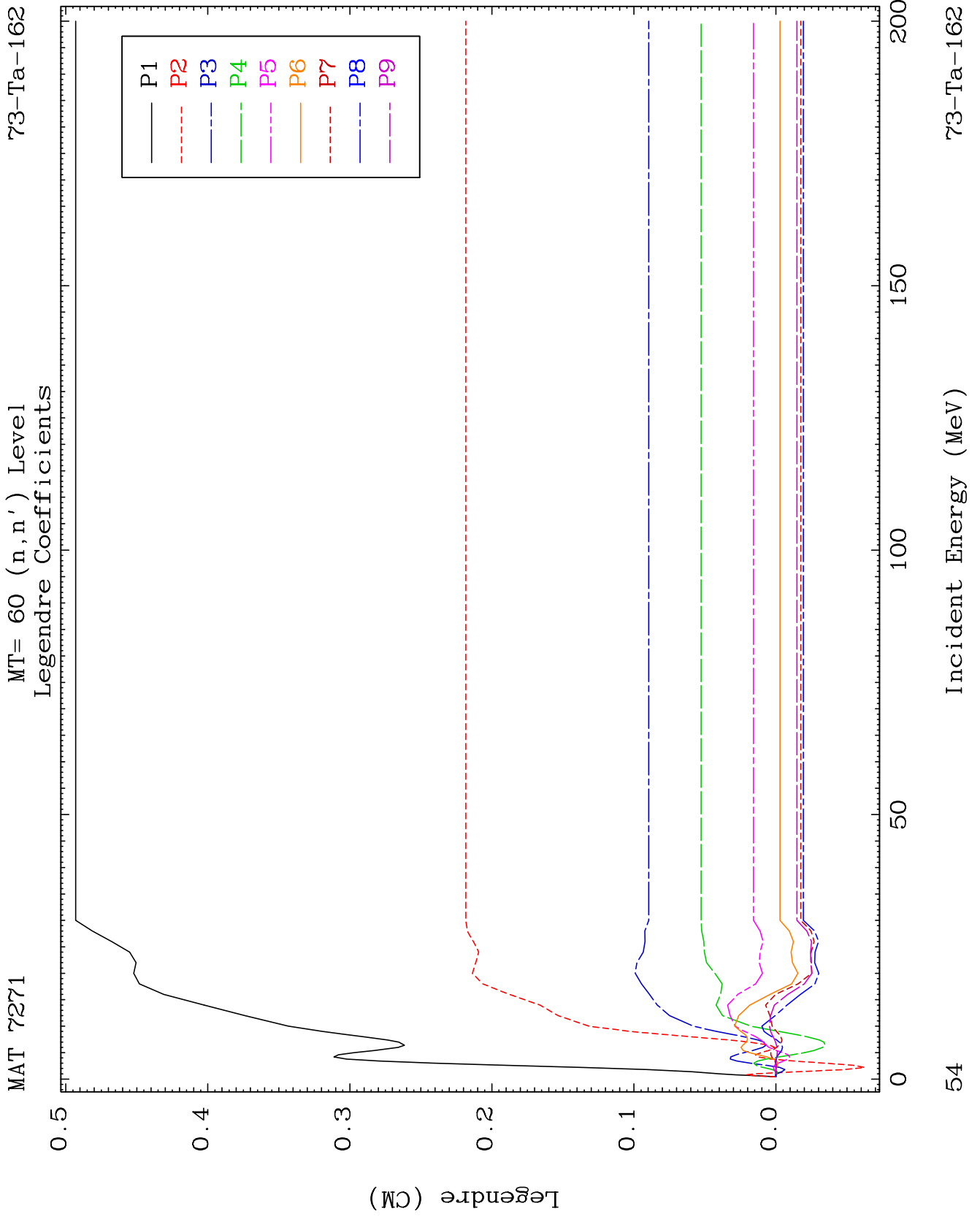


52

Incident Energy (MeV)

73-Ta-162



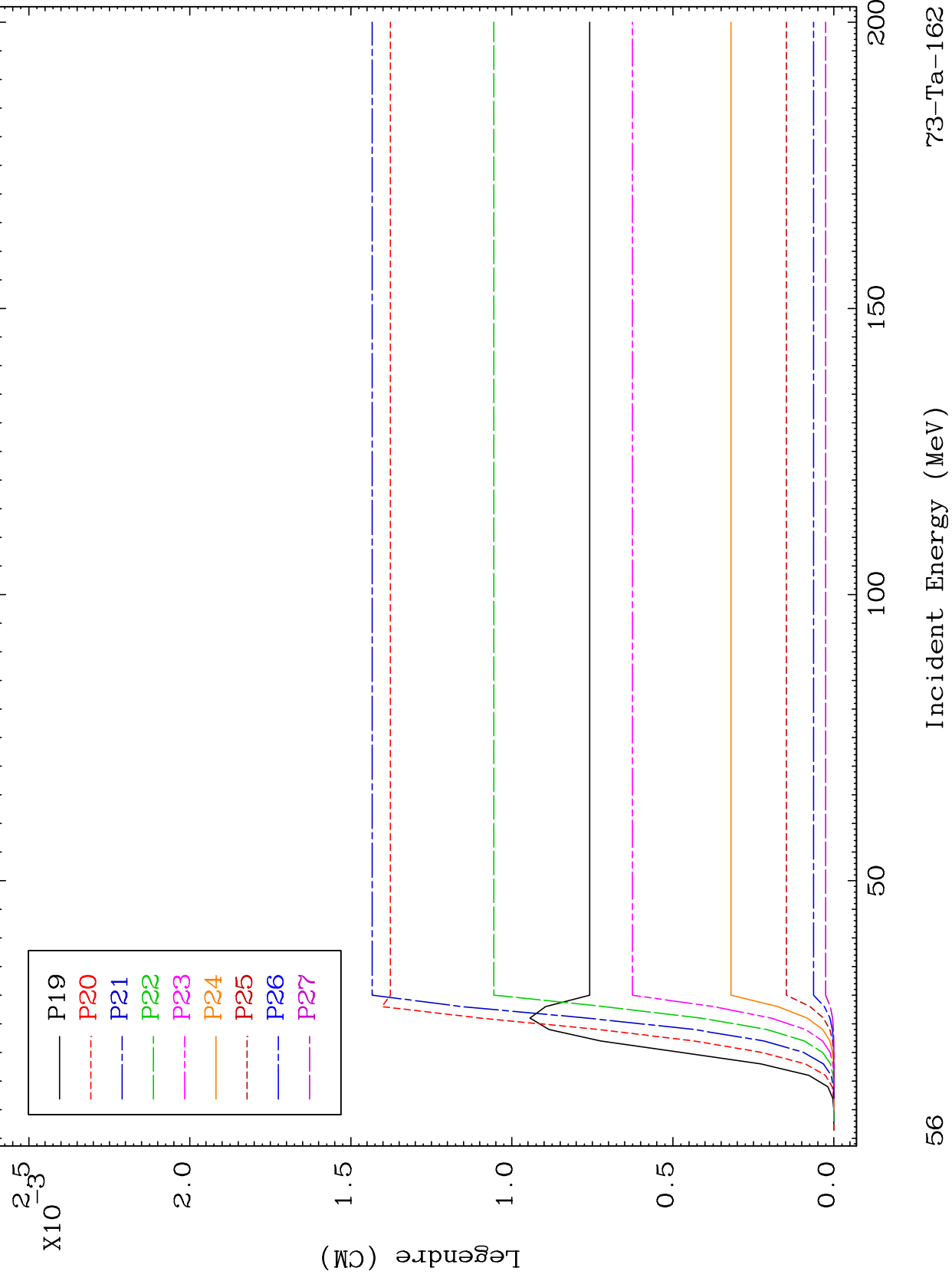




MAT 7271

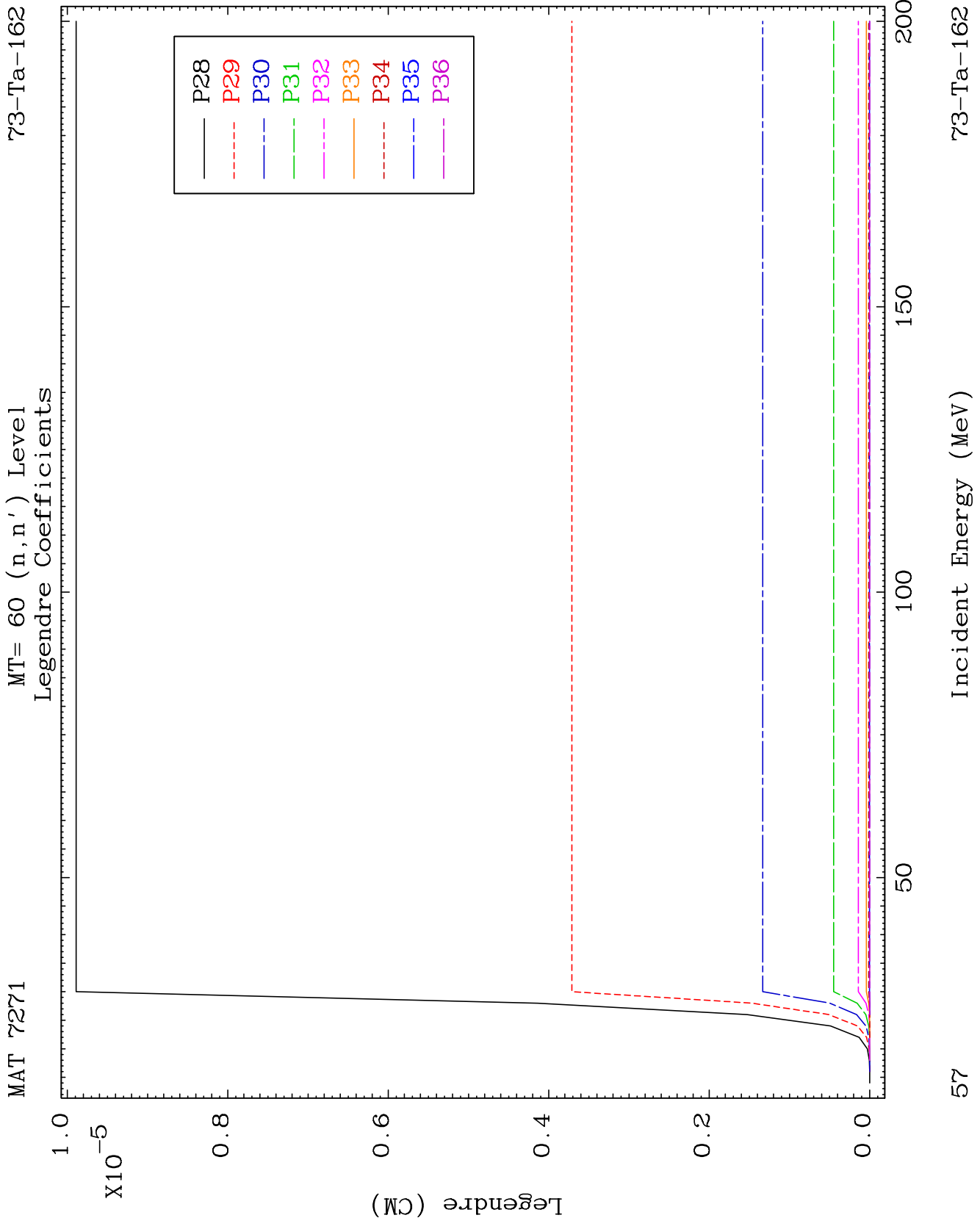
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Legendre Coefficients

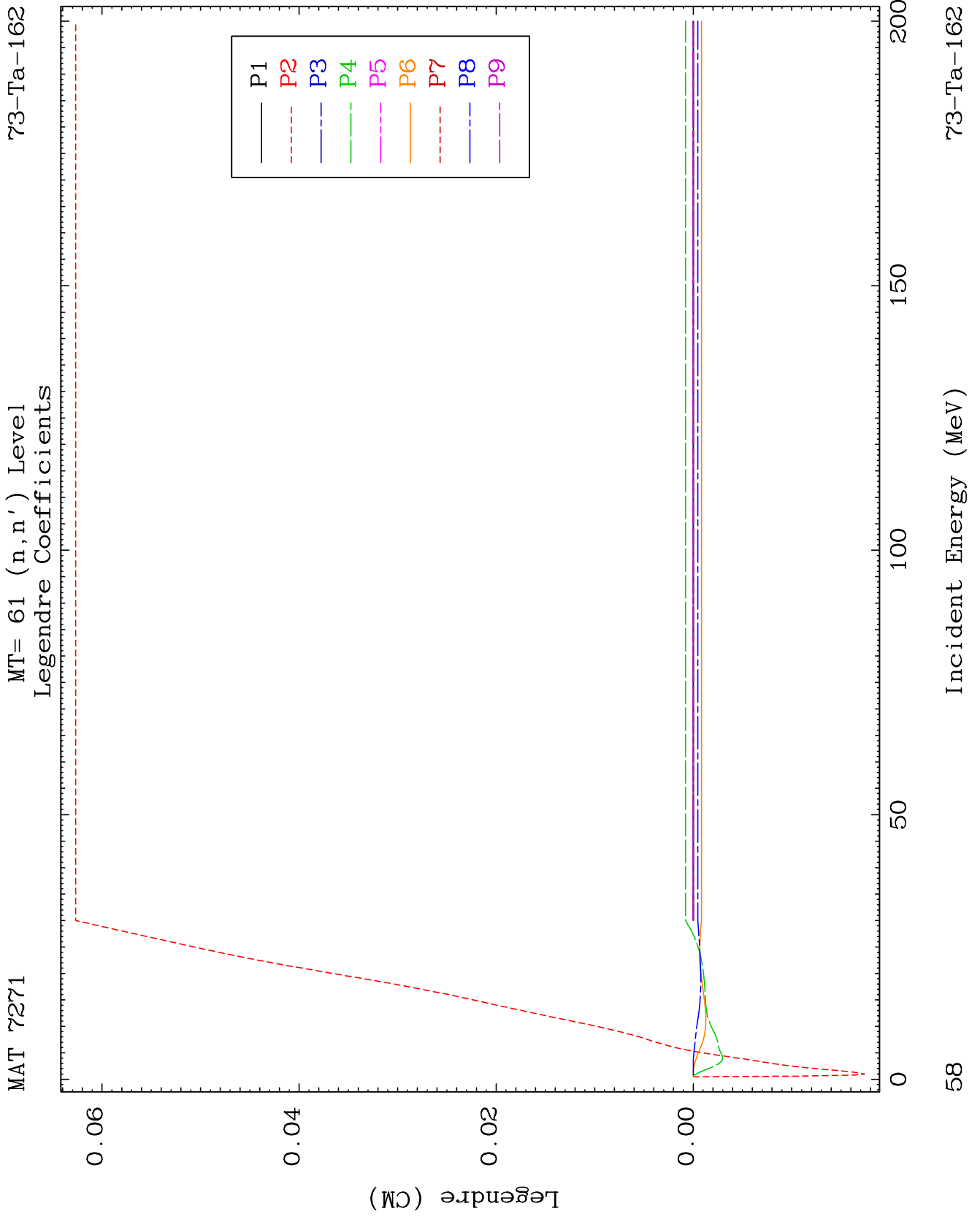
73-Ta-162



56

73-Ta-162

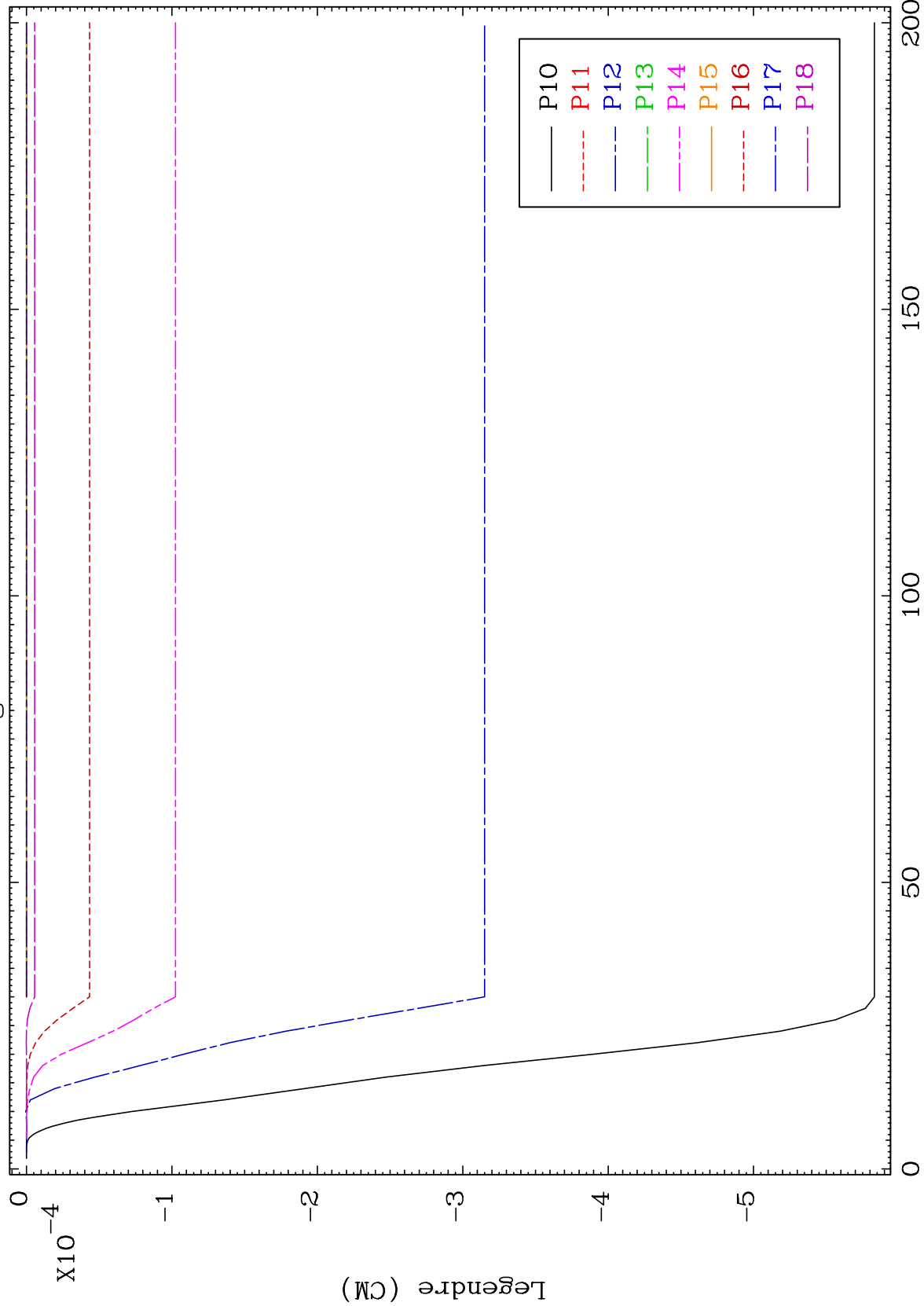




MAT 7271

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

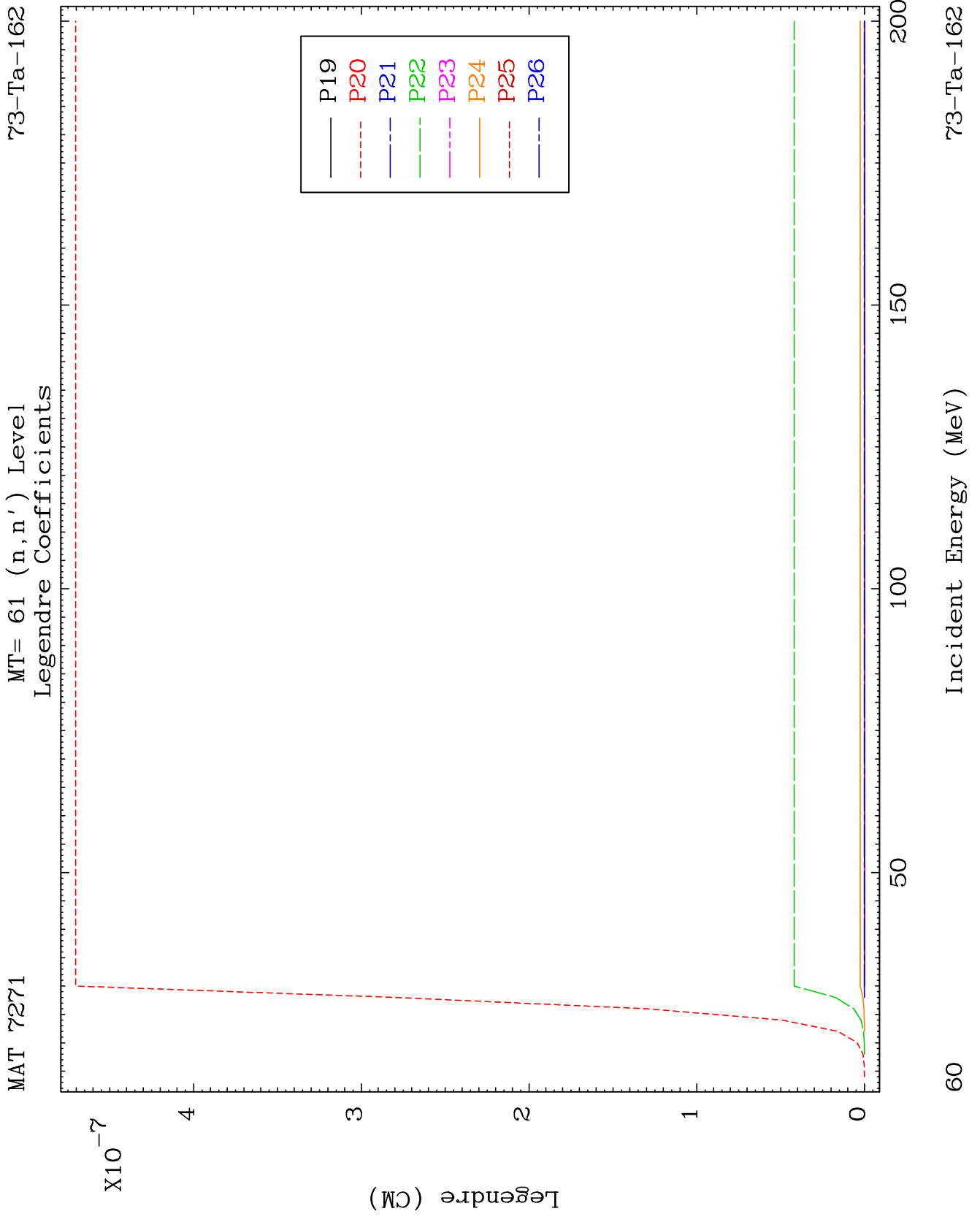
73-Ta-162



73-Ta-162

Incident Energy (MeV)

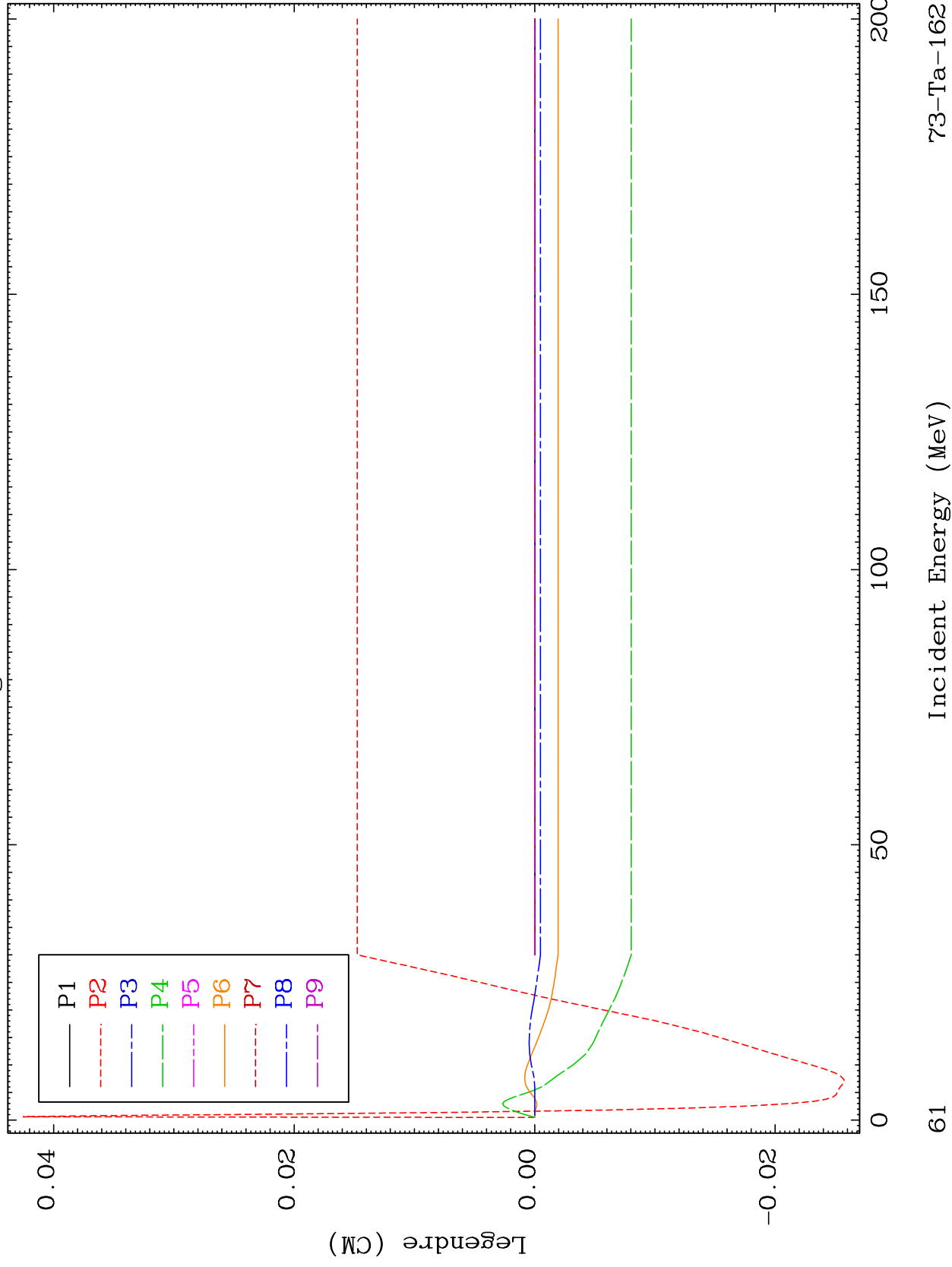
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MAT 7271

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

73-Ta-162



73-Ta-162

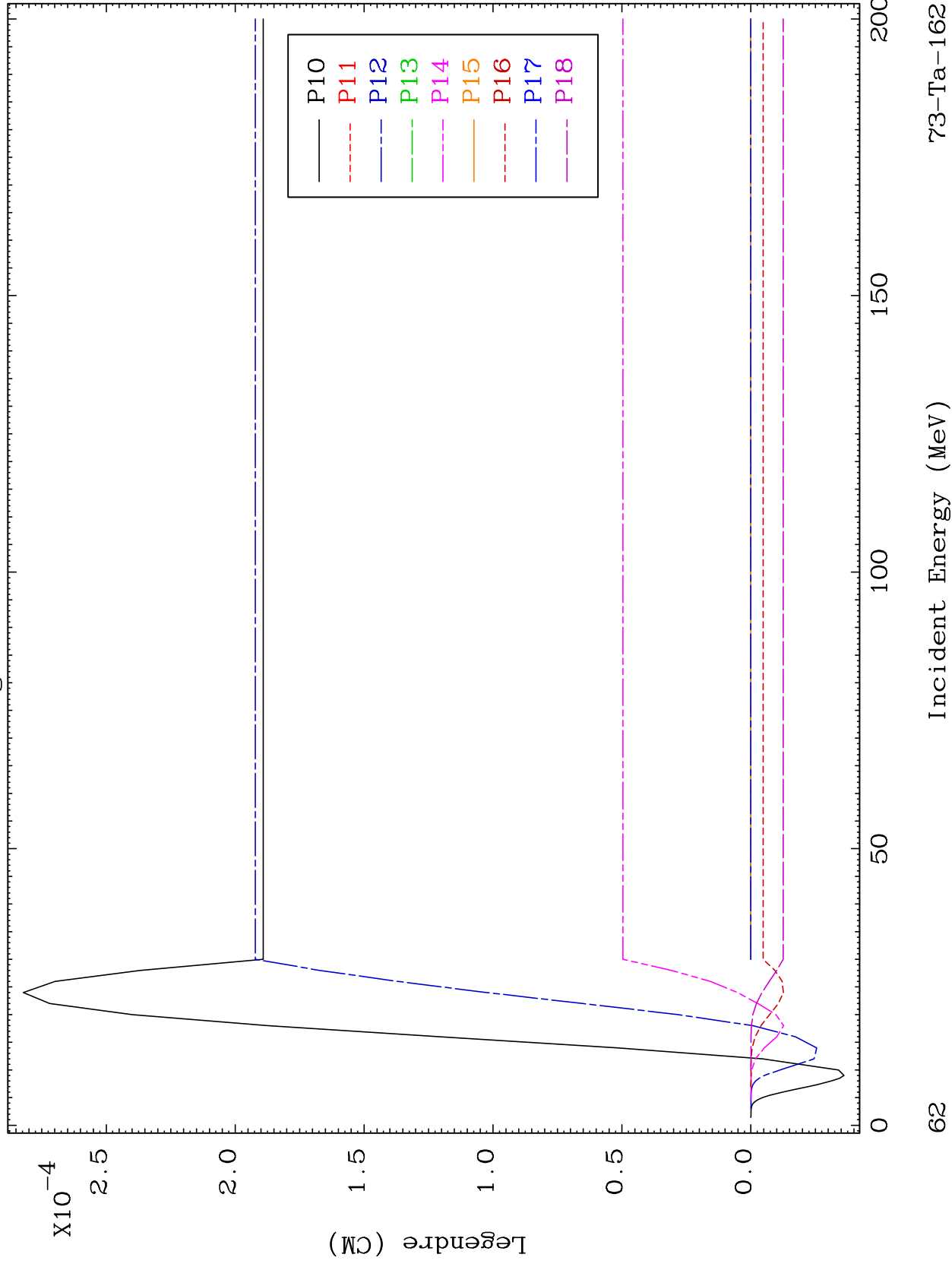
Incident Energy (MeV)

61

MAT 7271

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

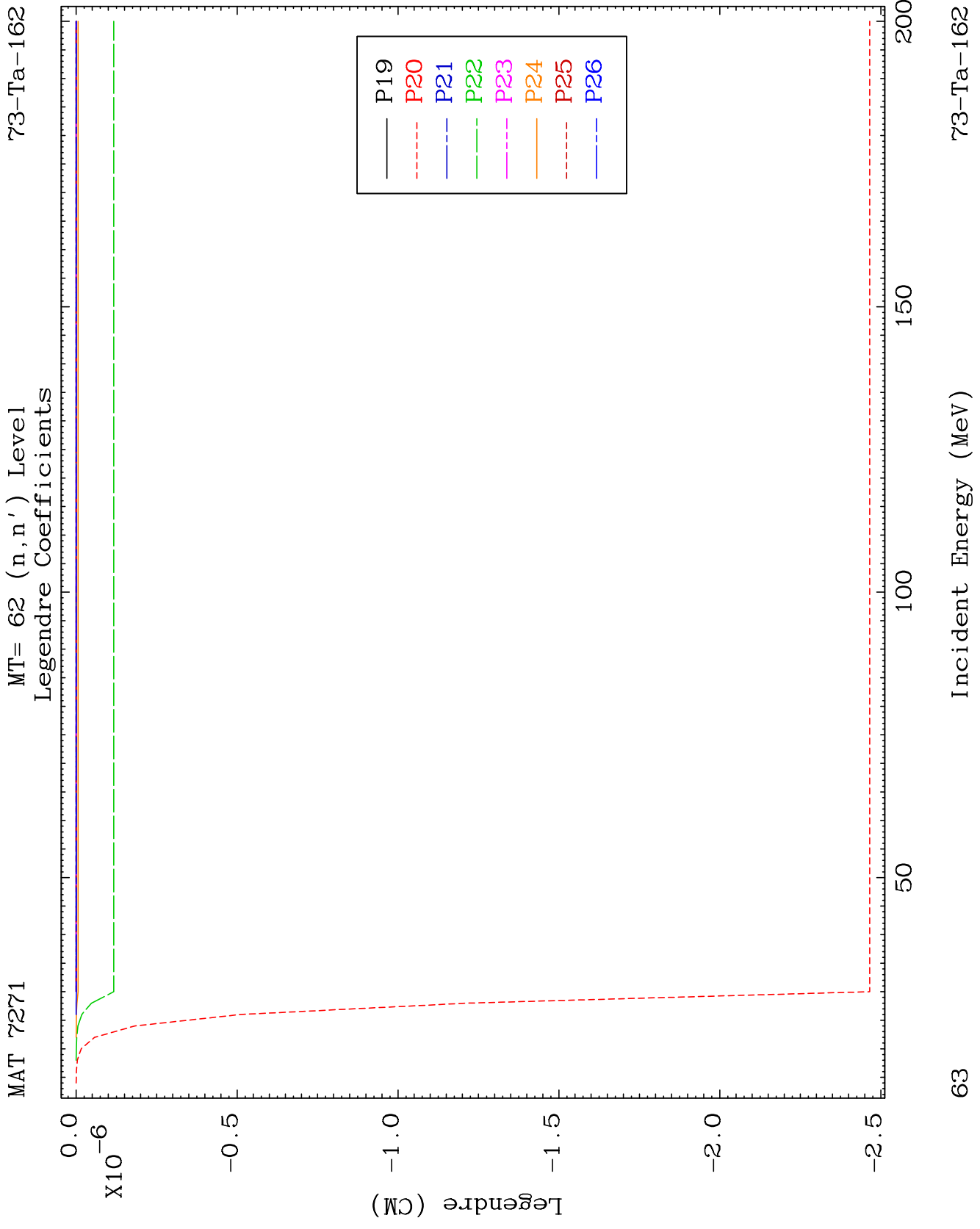
73-Ta-162



62

Incident Energy (MeV)

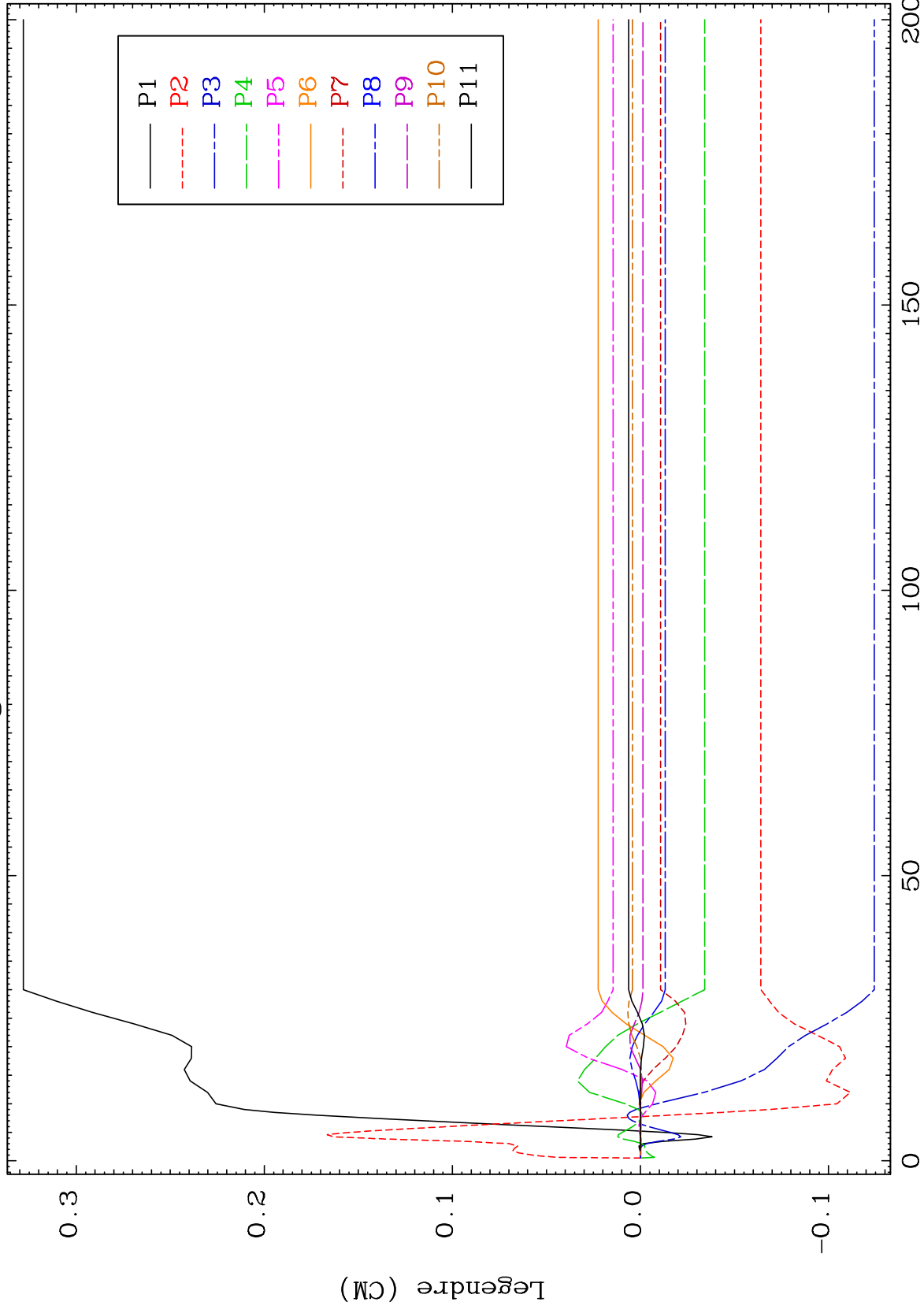
73-Ta-162



MAT 7271

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

73-Ta-162



64

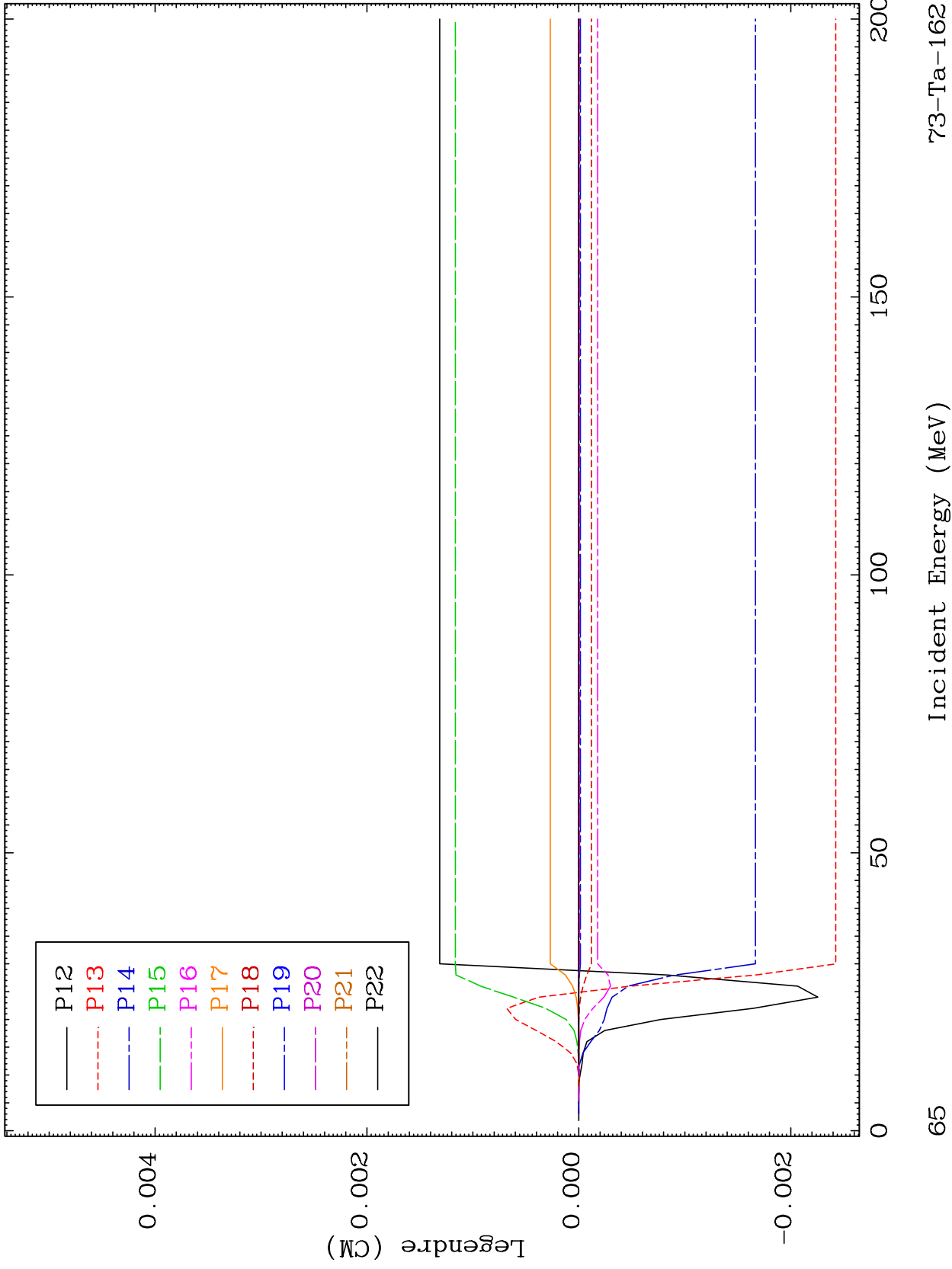
Incident Energy (MeV)

73-Ta-162

MAT 7271

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

73-Ta-162



73-Ta-162

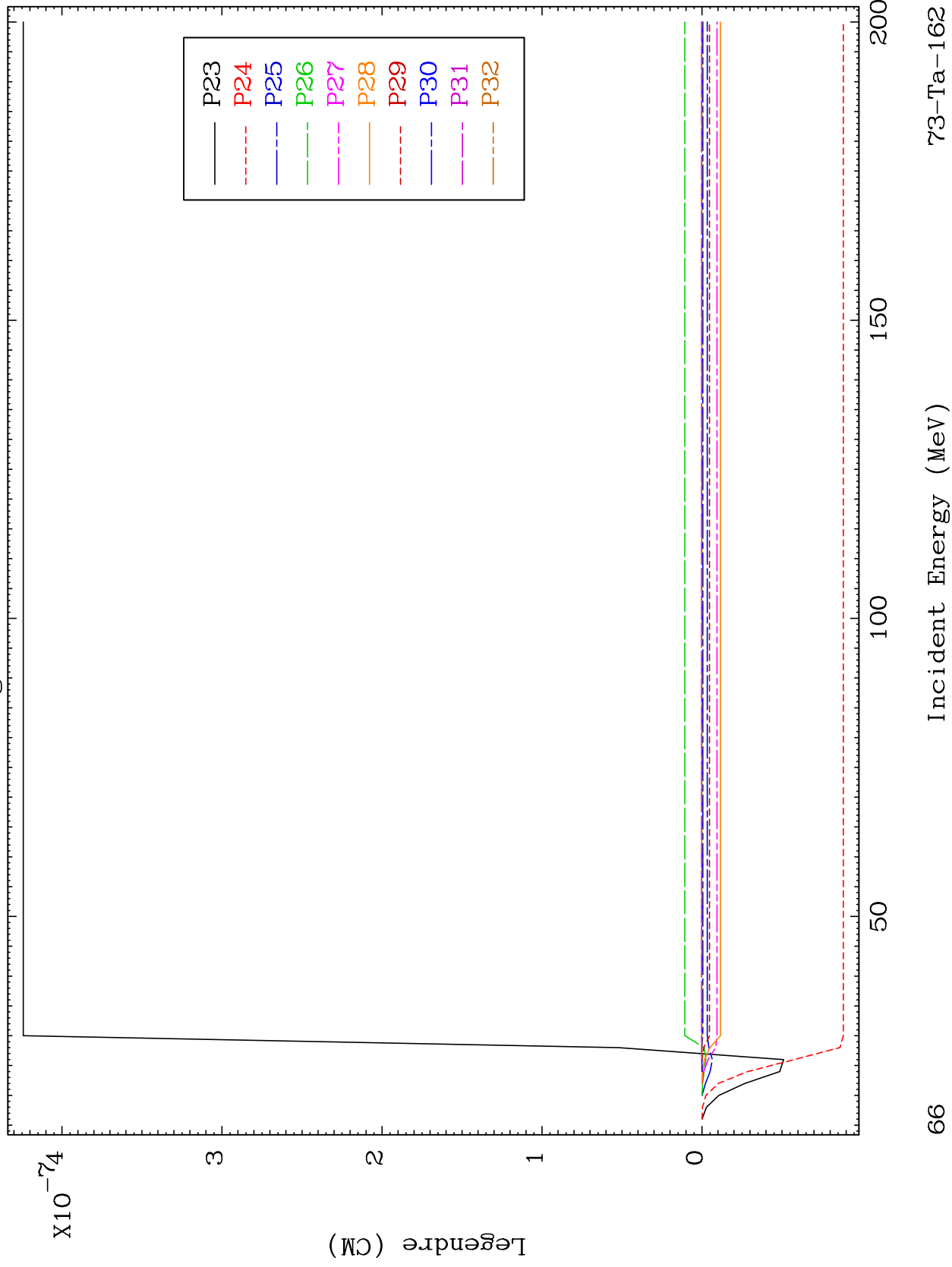
Incident Energy (MeV)

65

MAT 7271

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

73-Ta-162



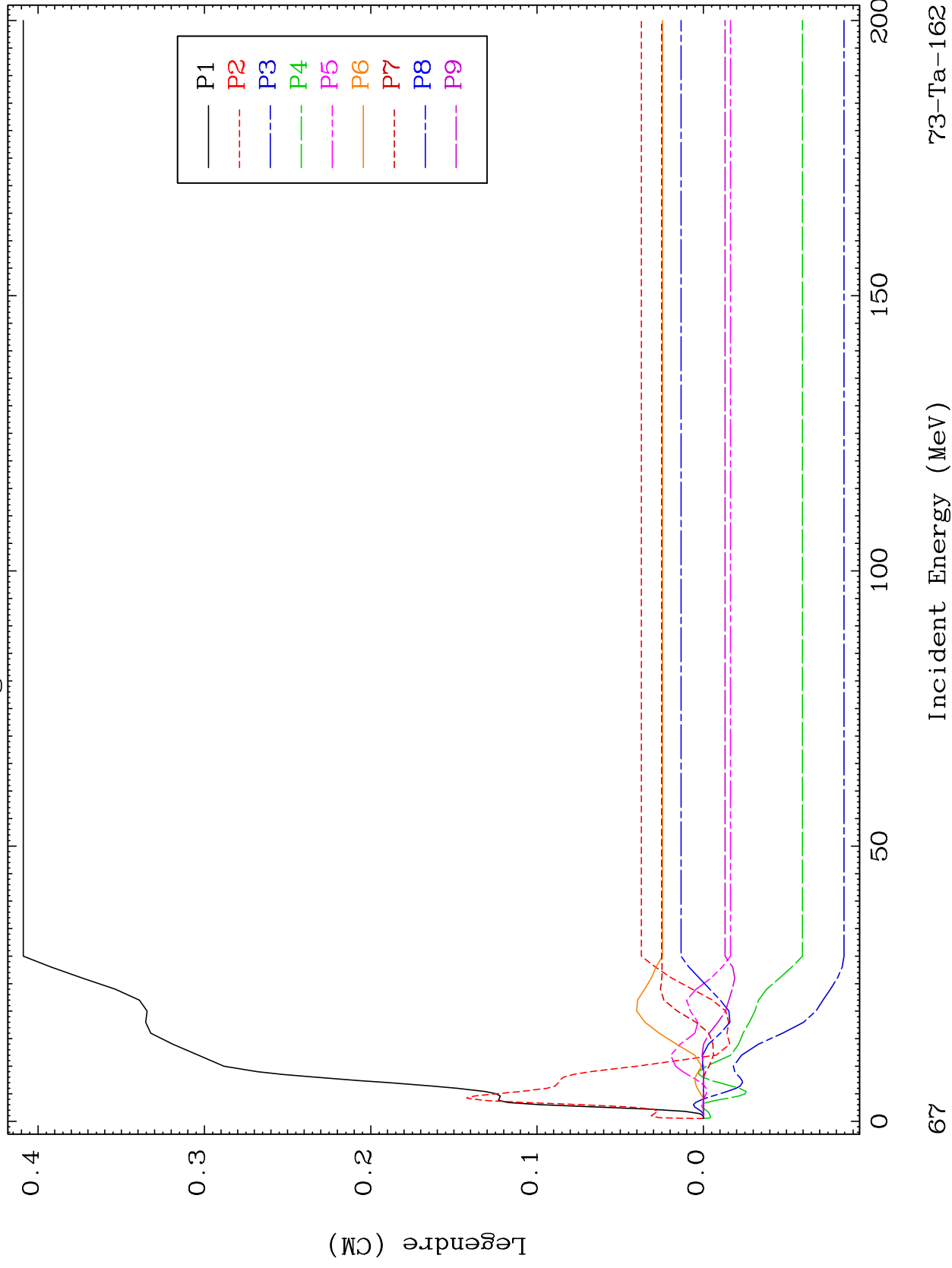
66

73-Ta-162

MAT 7271

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

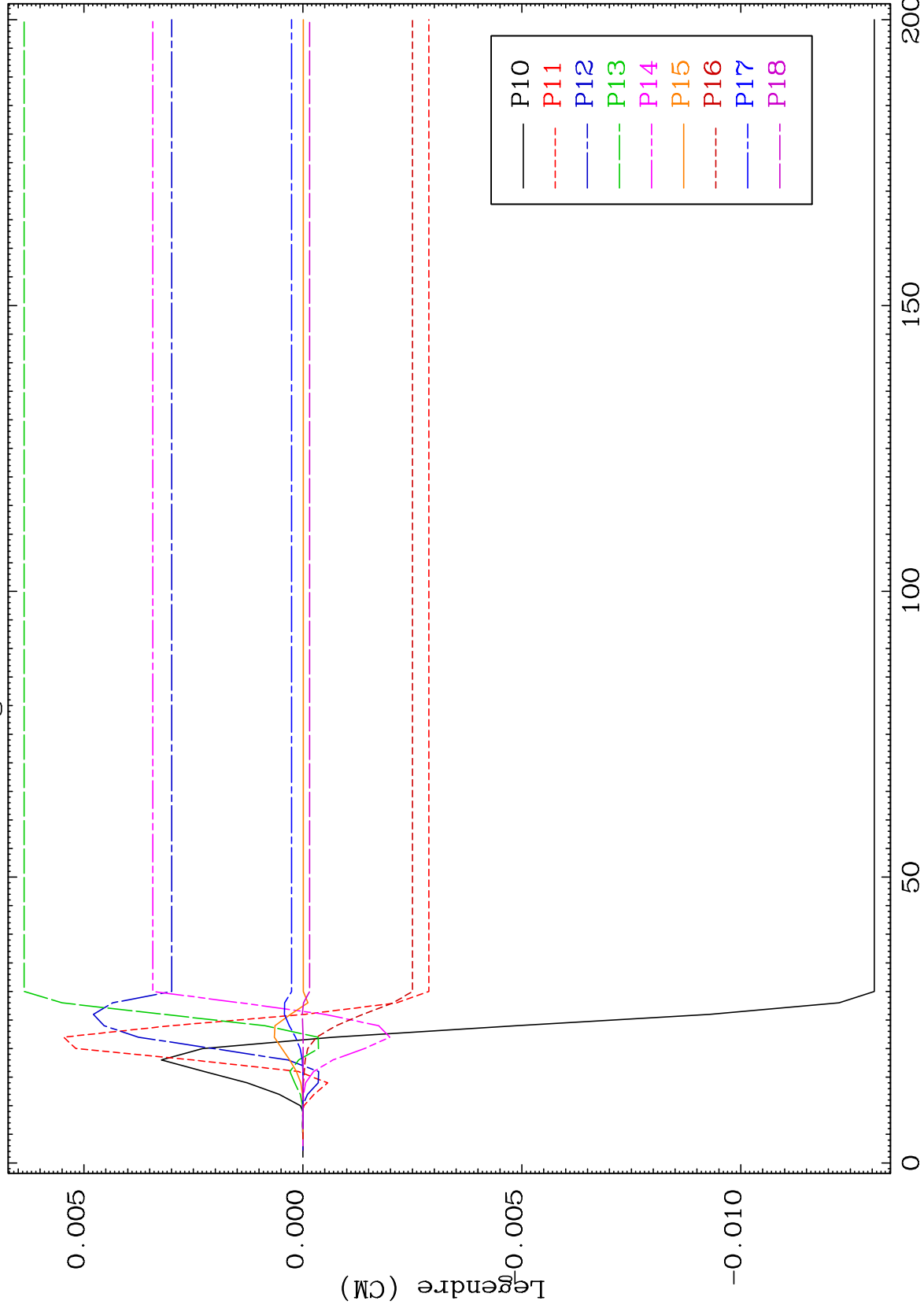
73-Ta-162



MAT 7271

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

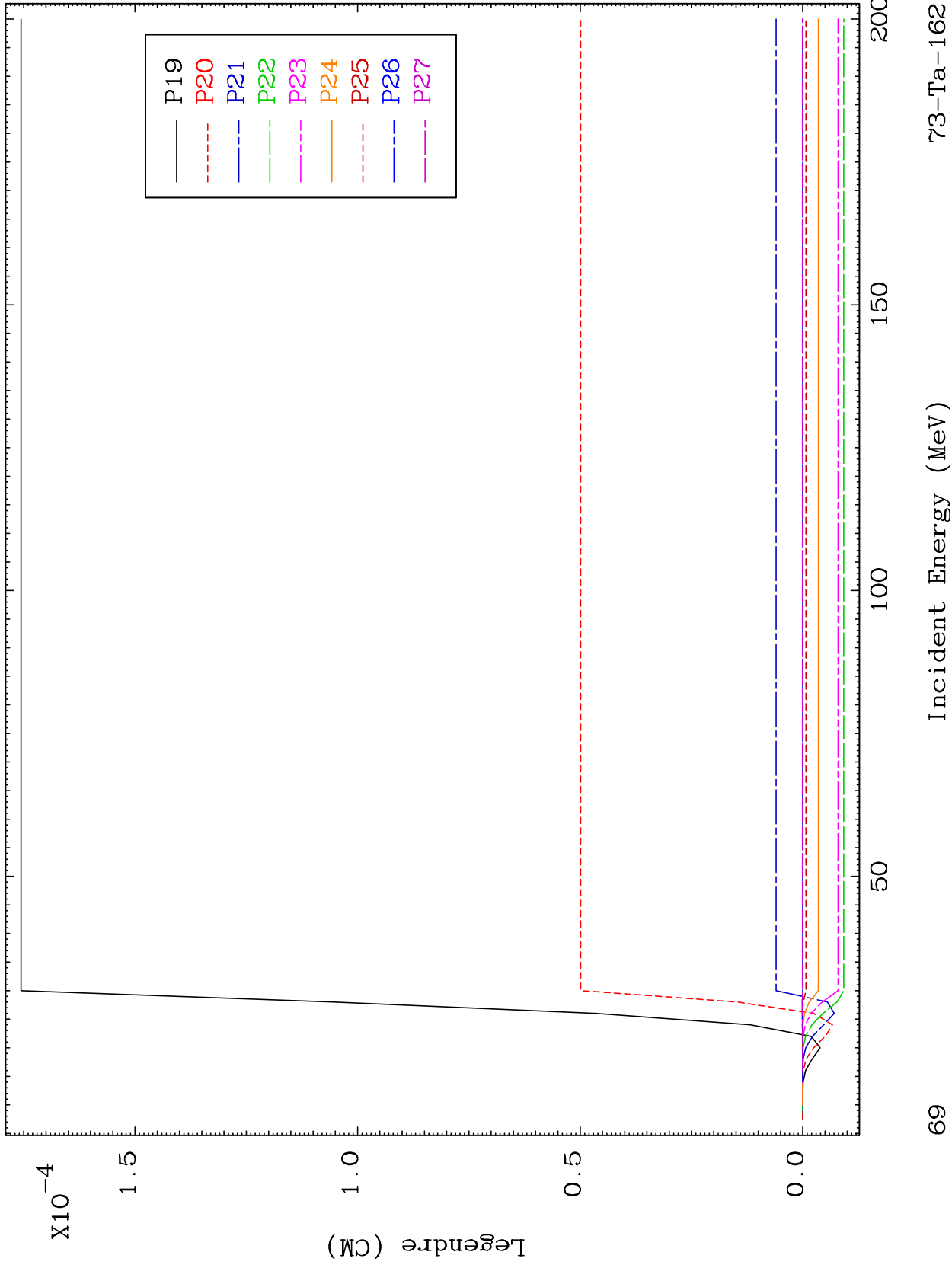
73-Ta-162



68

Incident Energy (MeV)

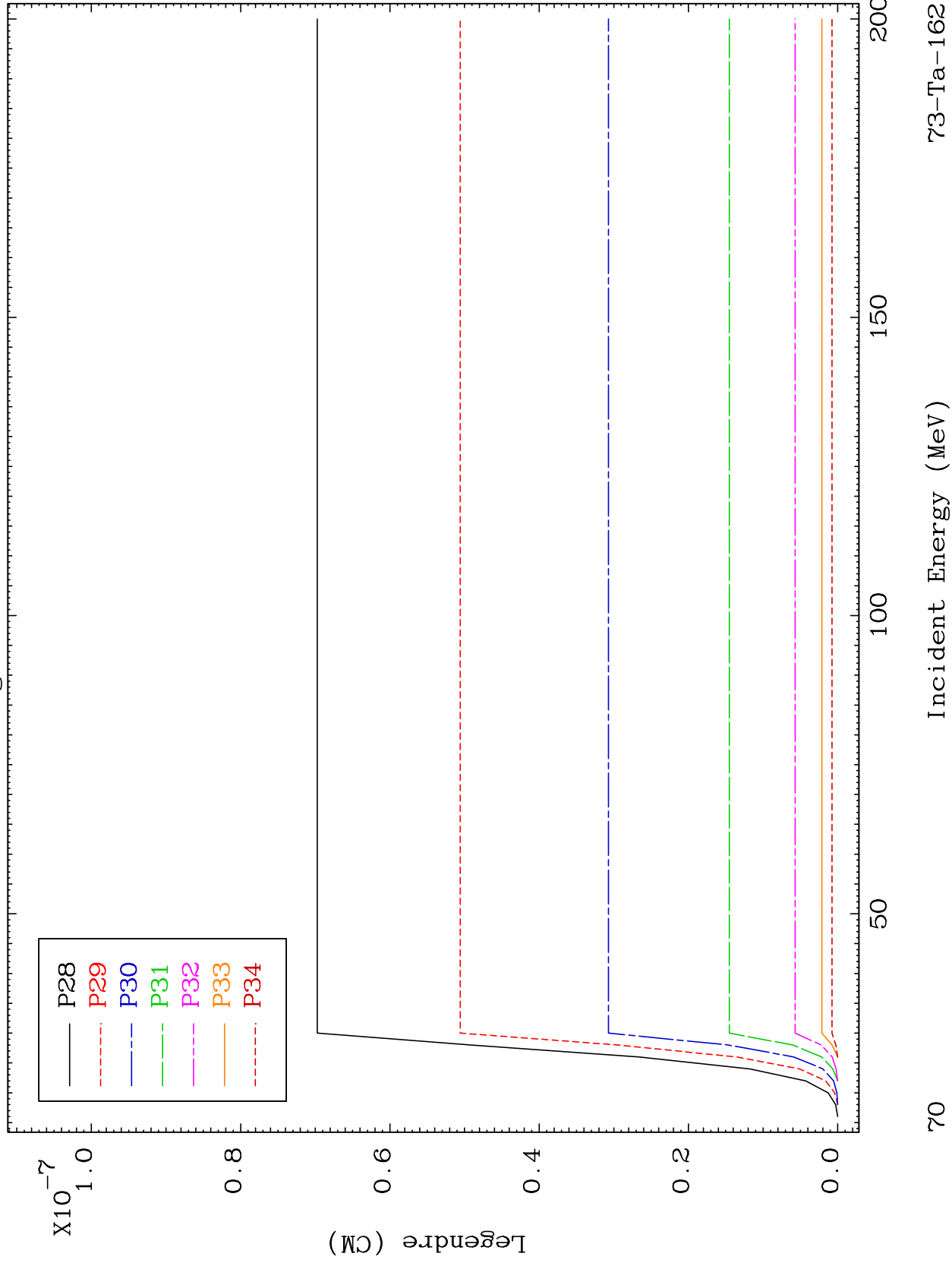
73-Ta-162



MAT 7271

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

<sup>73</sup>Ta-162



<sup>73</sup>Ta-162

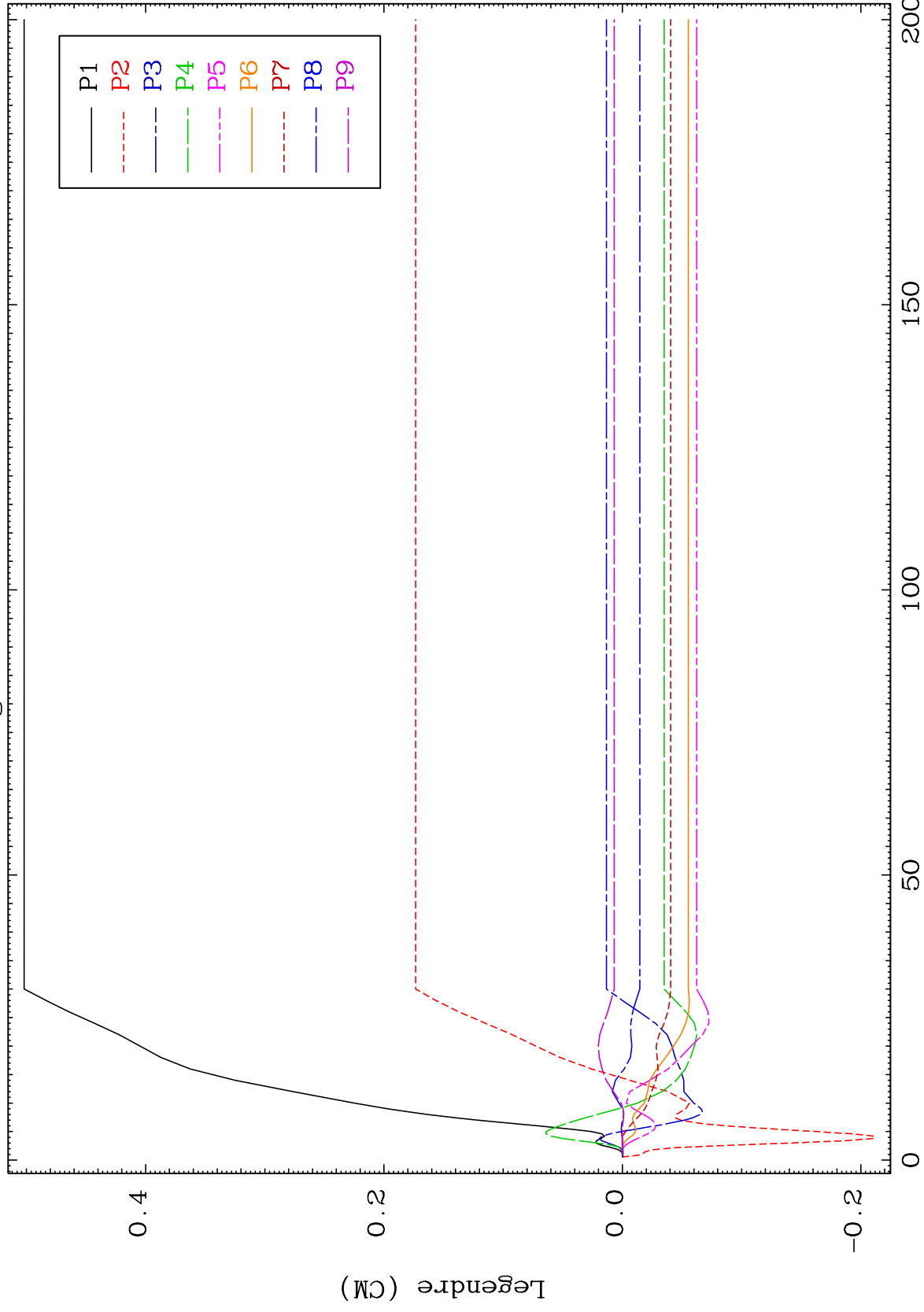
Incident Energy (MeV)

70

MAT 7271

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

73-Ta-162



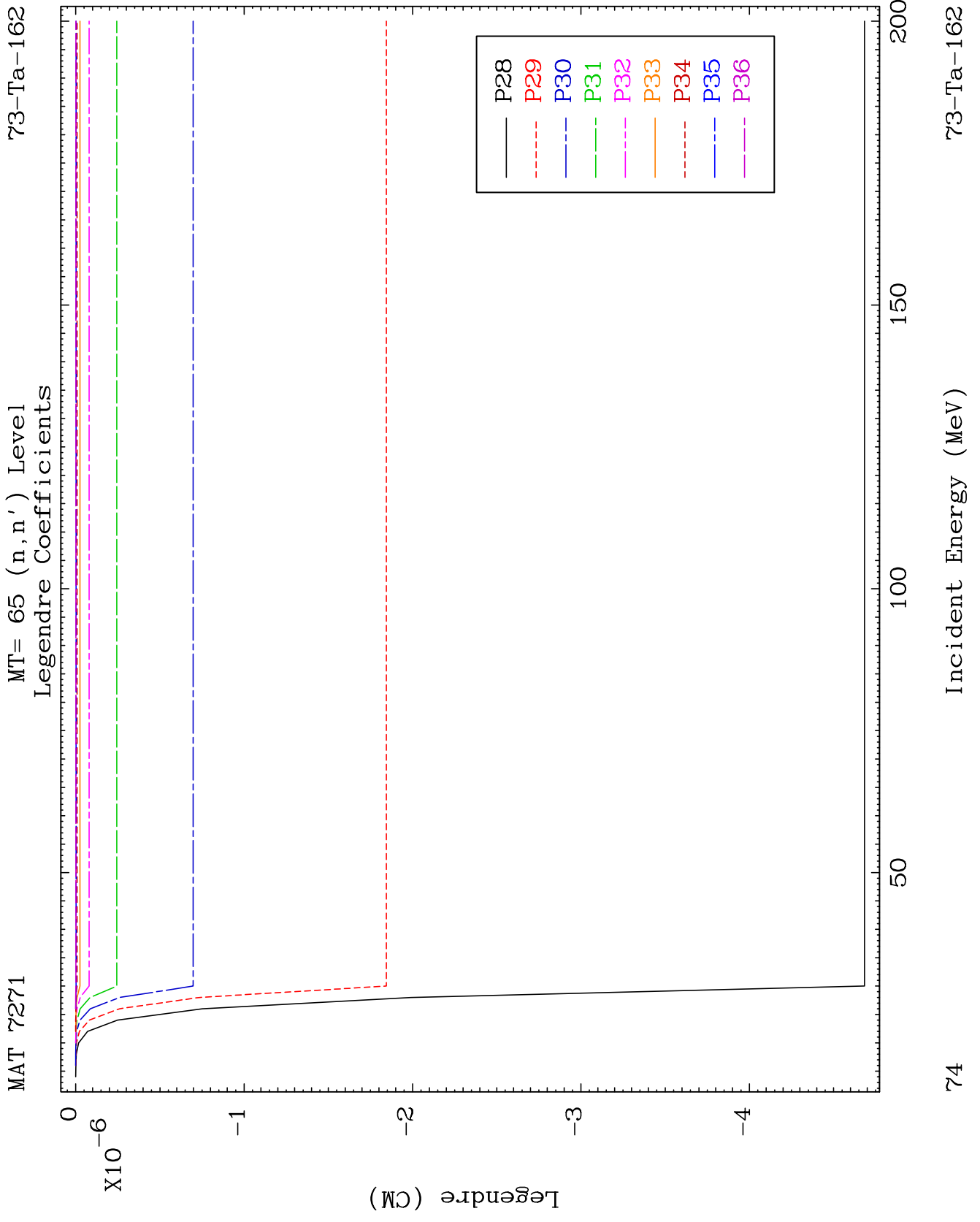
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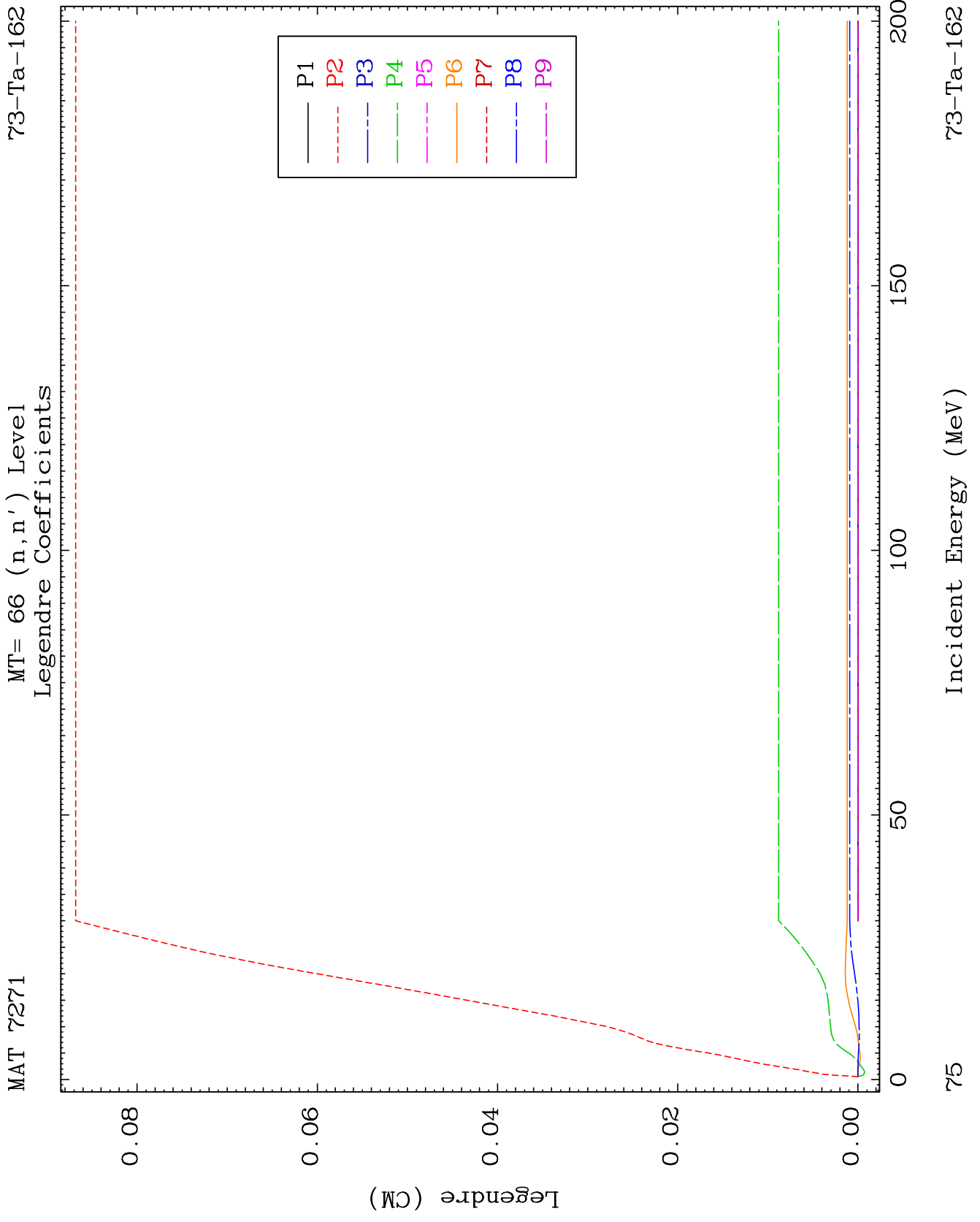
Incident Energy (MeV)

73-Ta-162





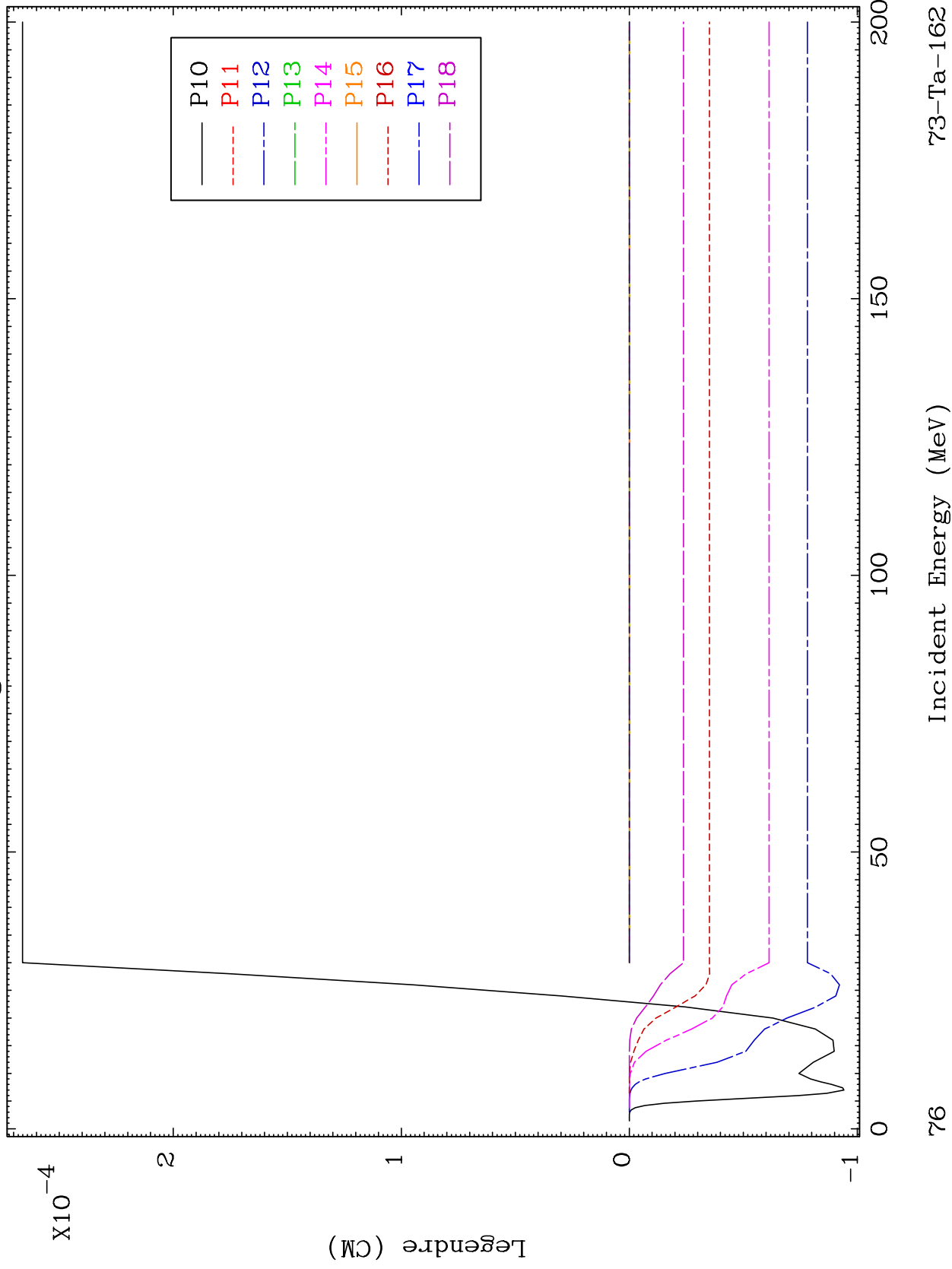




MAT 7271

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

73-Ta-162

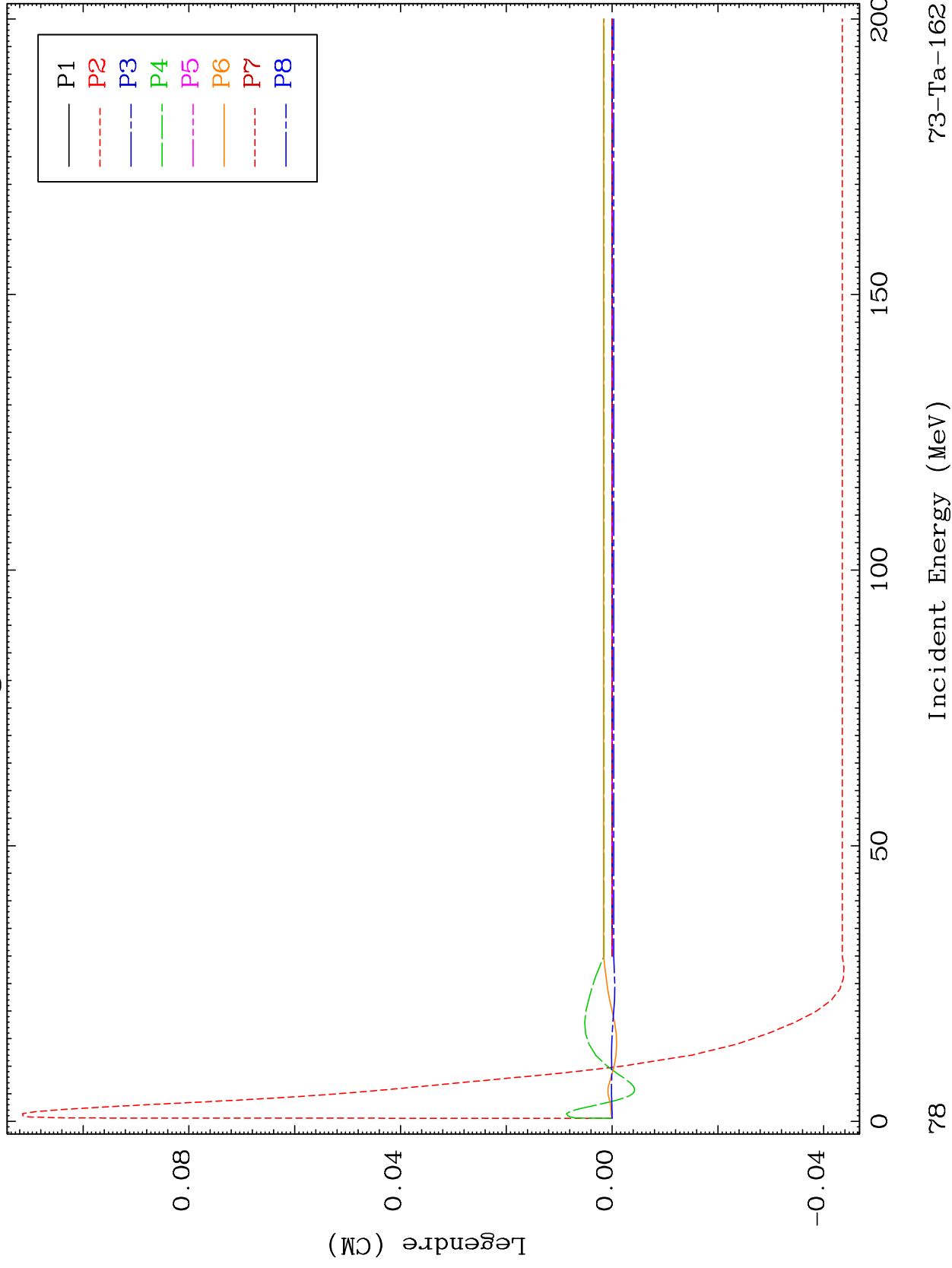




MAT 7271

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

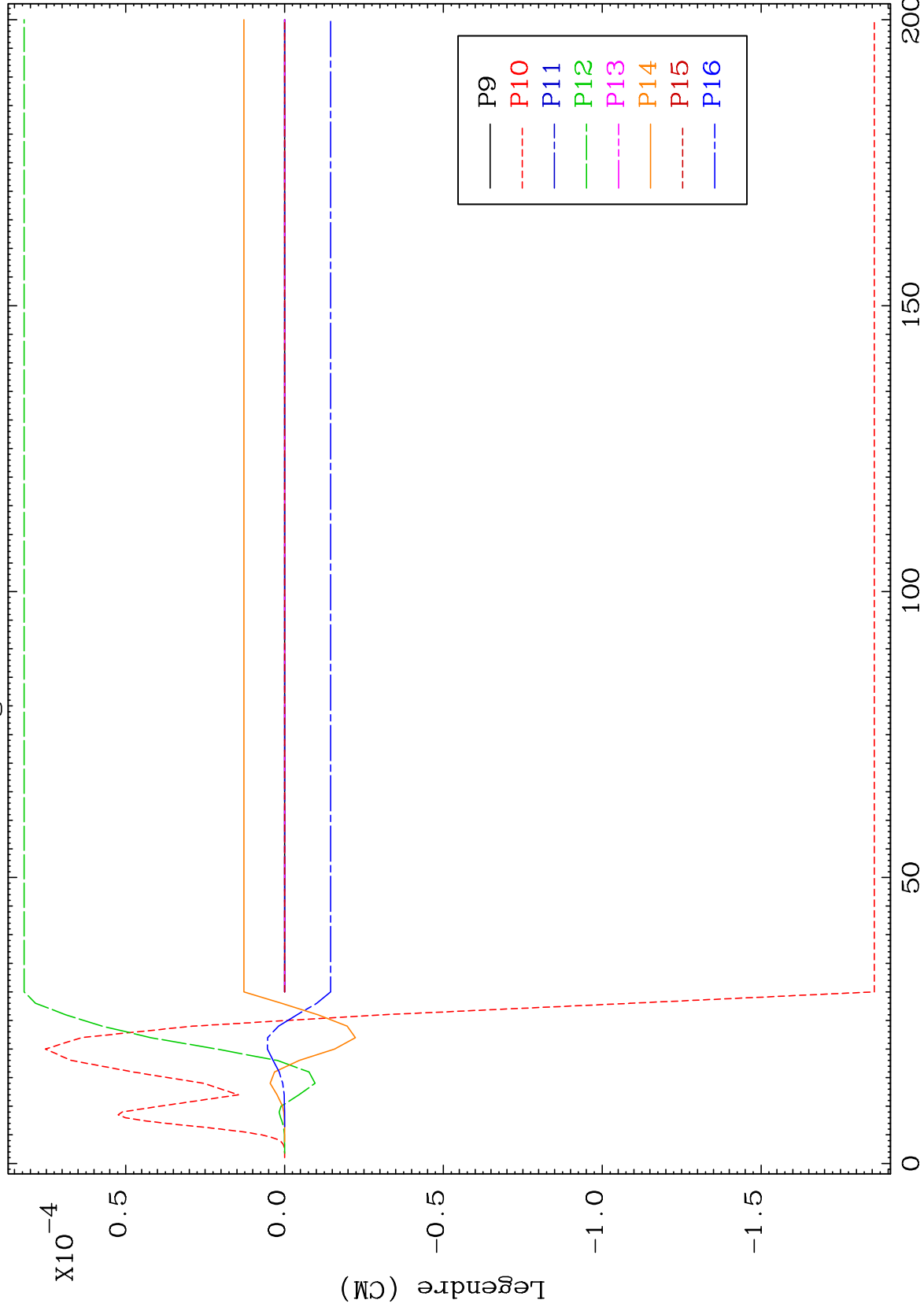
73-Ta-162



MAT 7271

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

73-Ta-162



79

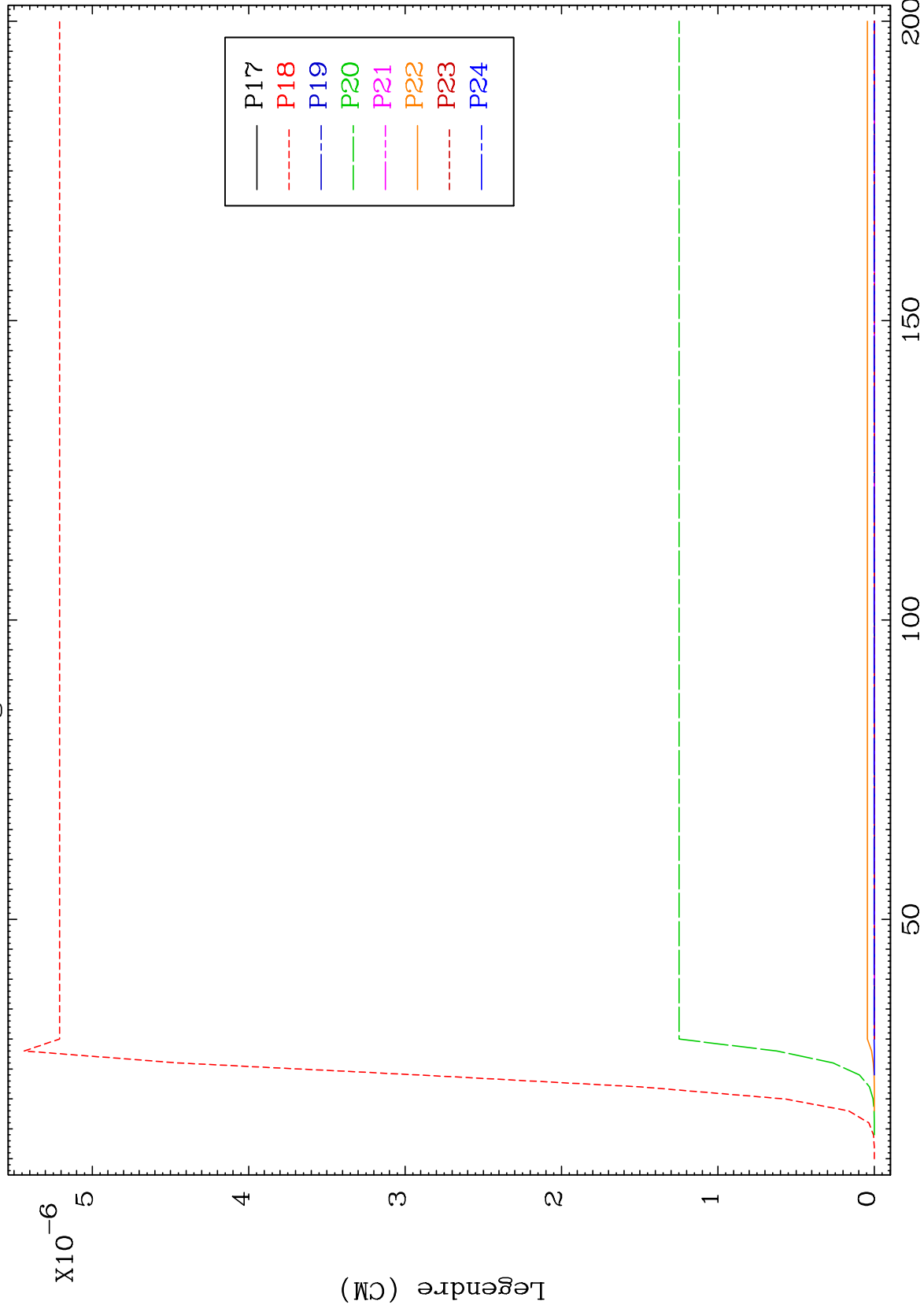
Incident Energy (MeV)

73-Ta-162

MAT 7271

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

73-Ta-162



80

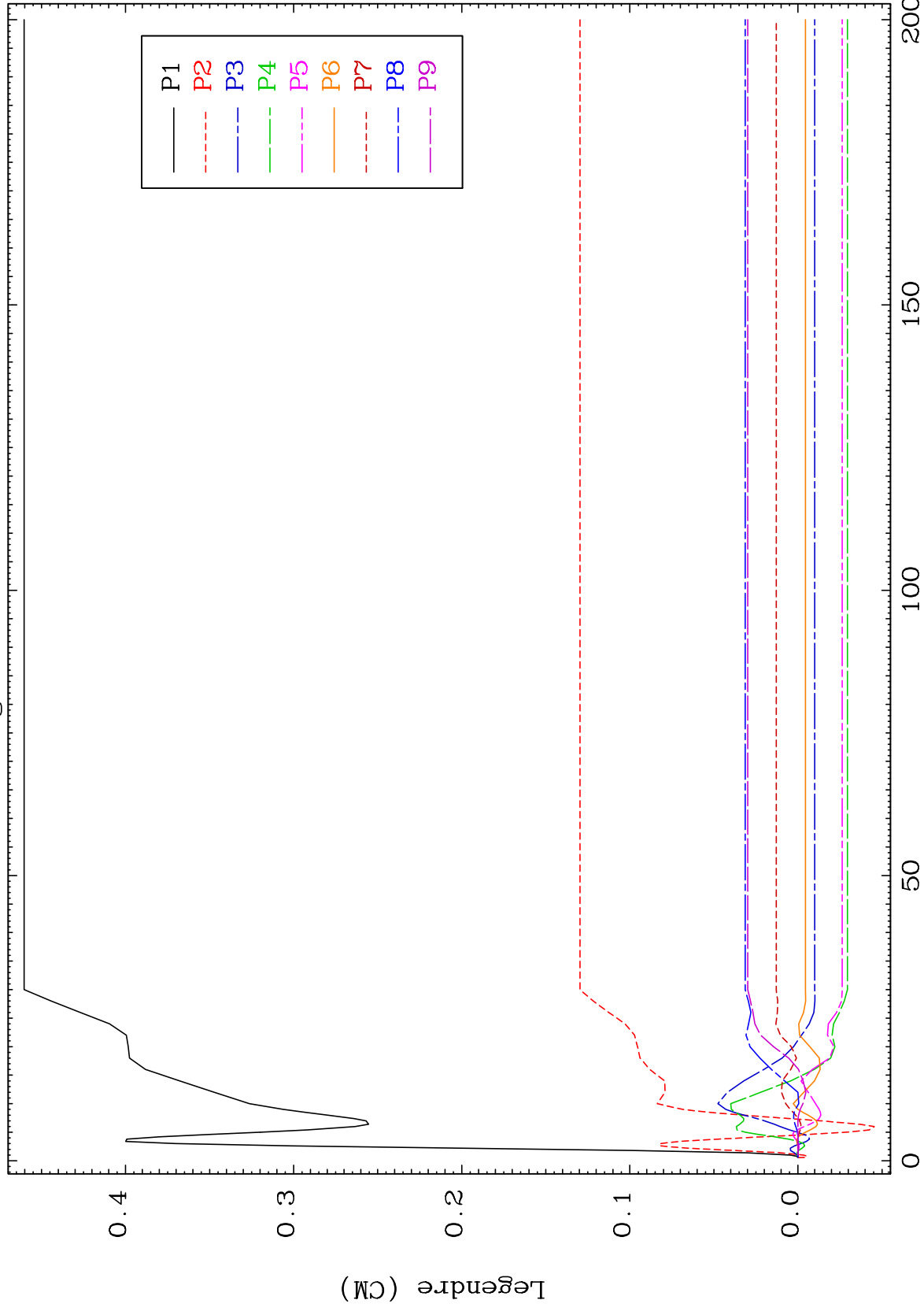
Incident Energy (MeV)

73-Ta-162

MAT 7271

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

73-Ta-162



81

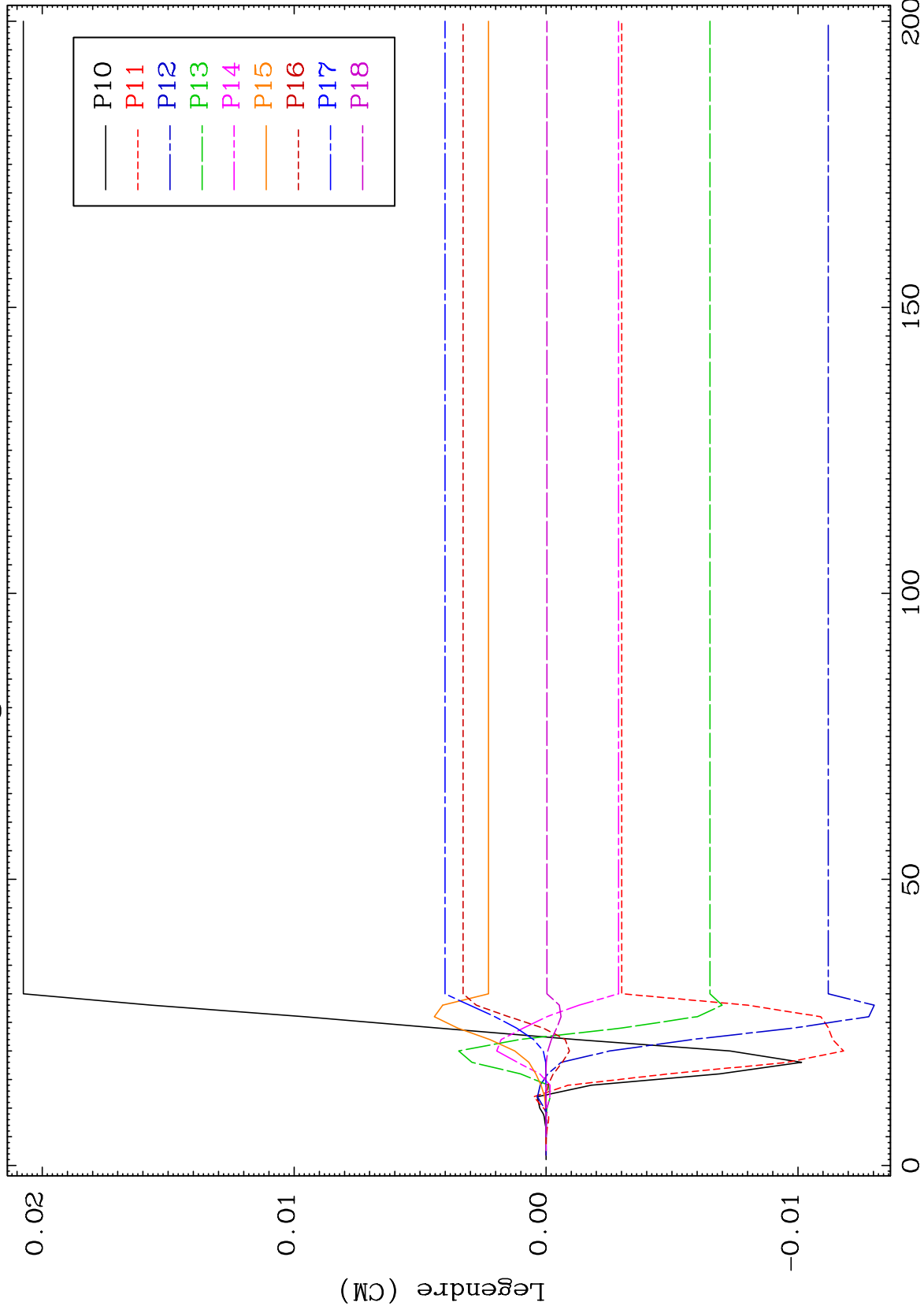
Incident Energy (MeV)

73-Ta-162

MAT 7271

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

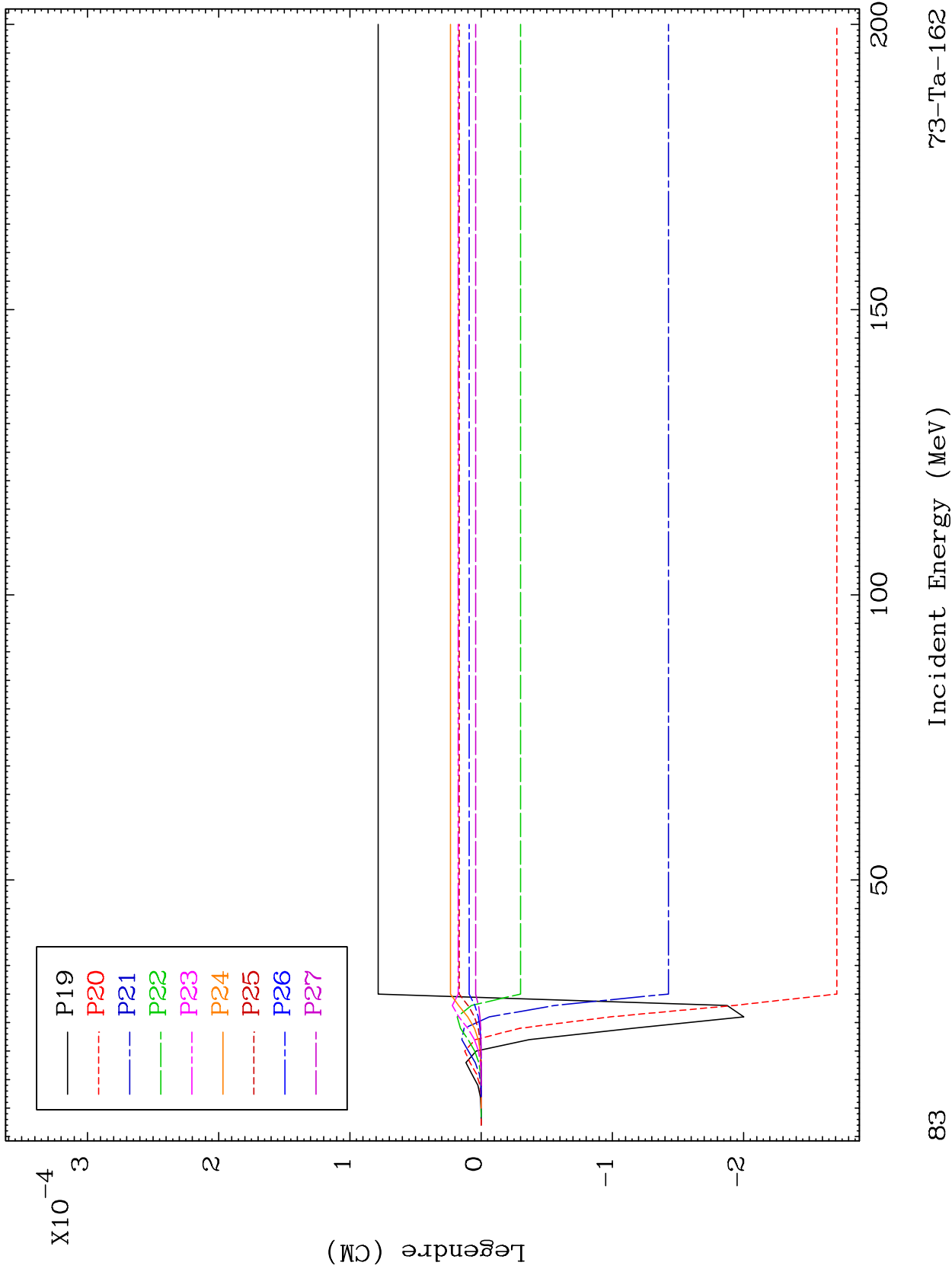
73-Ta-162



82

Incident Energy (MeV)

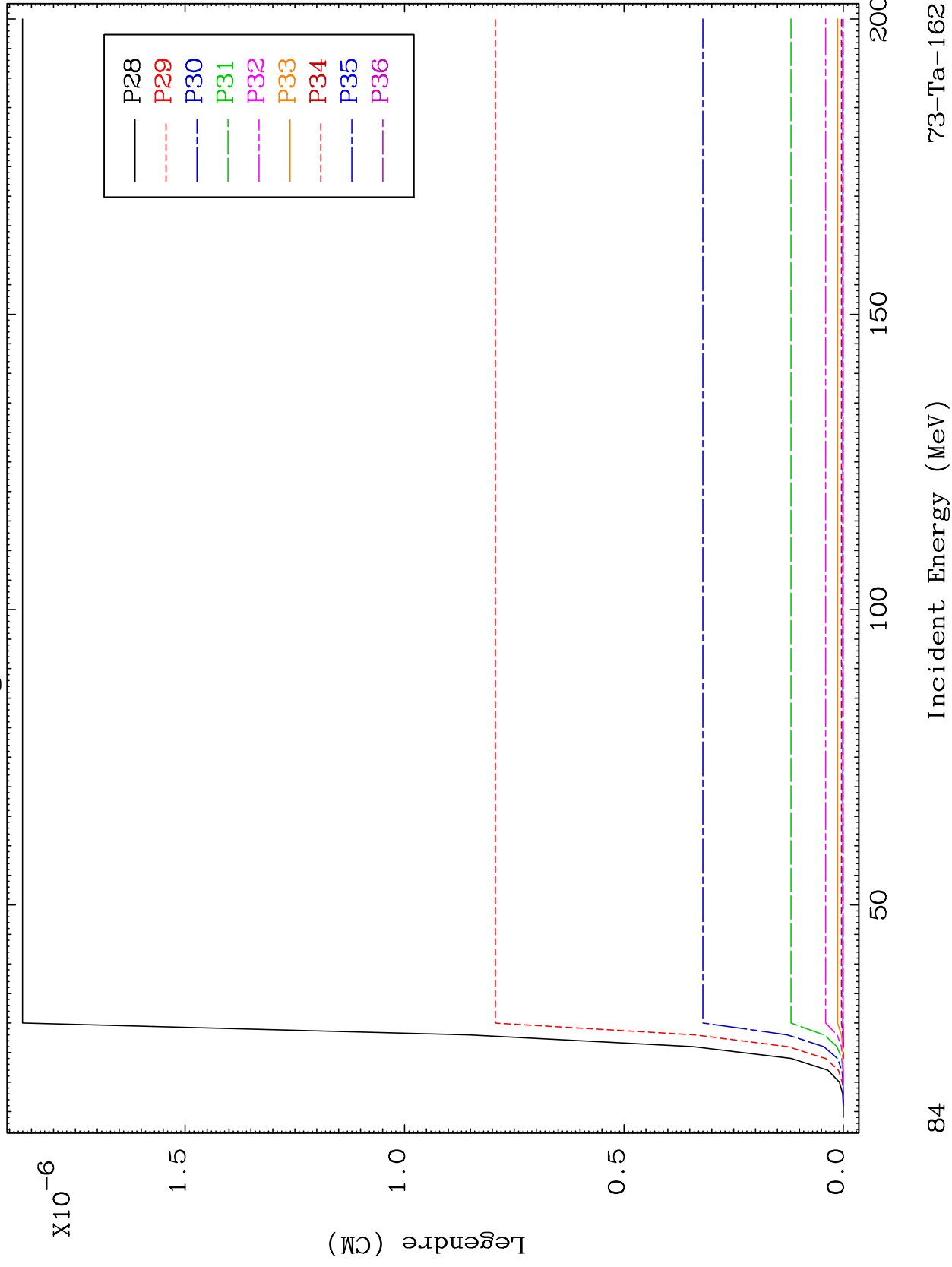
73-Ta-162



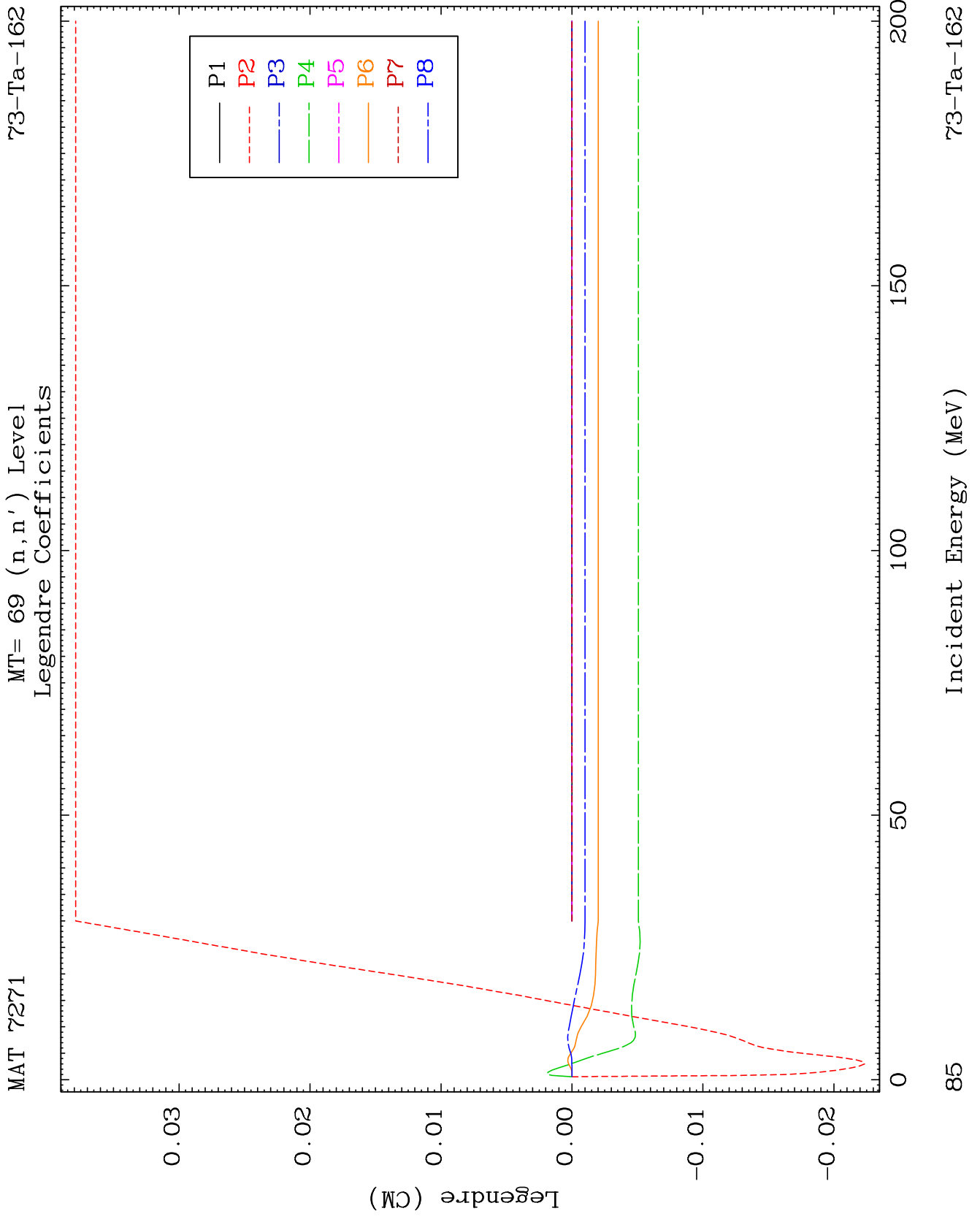
MAT 7271

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

73-Ta-162



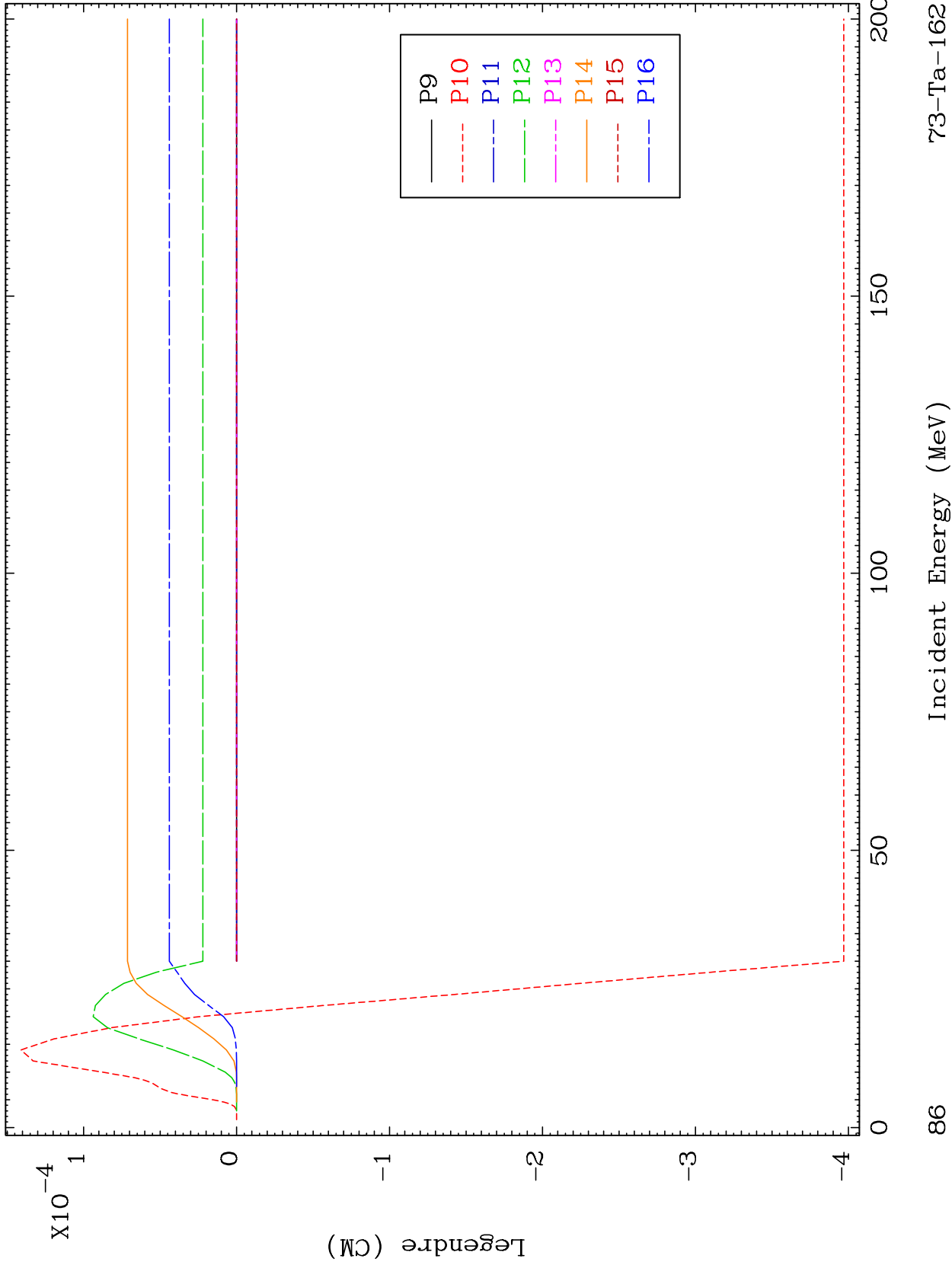
84



MAT 7271

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

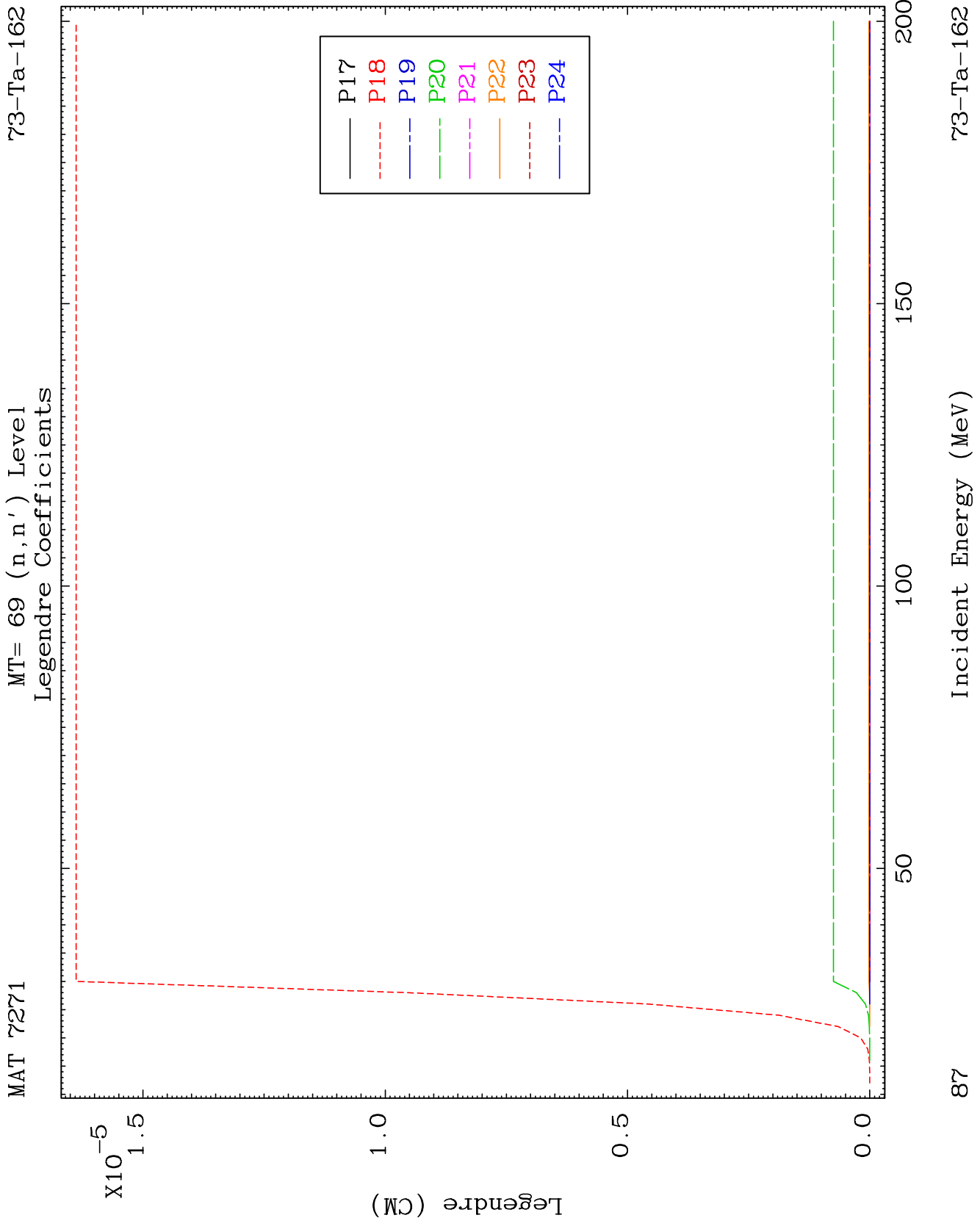
73-Ta-162



86

Incident Energy (MeV)

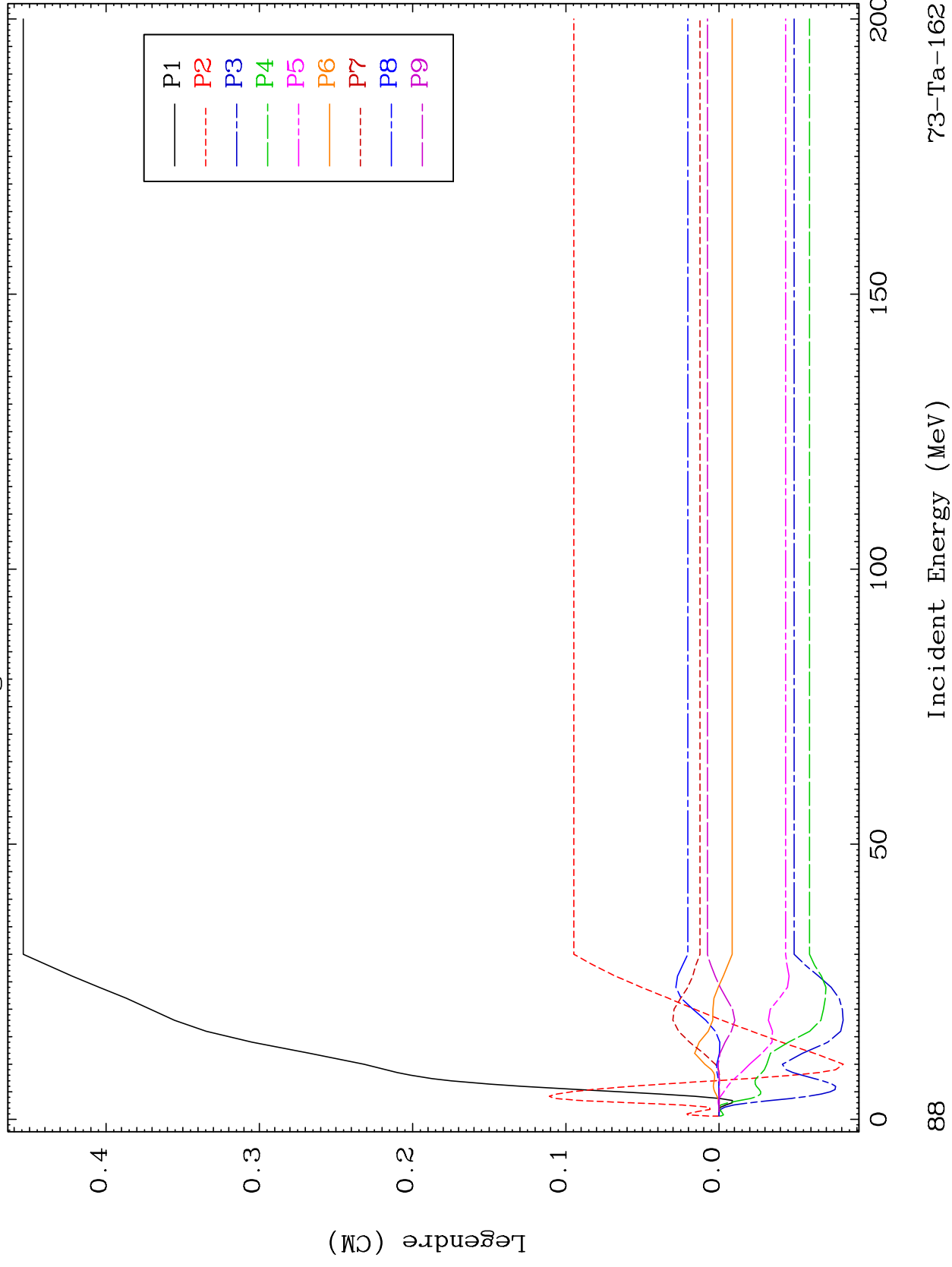
73-Ta-162



MAT 7271

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

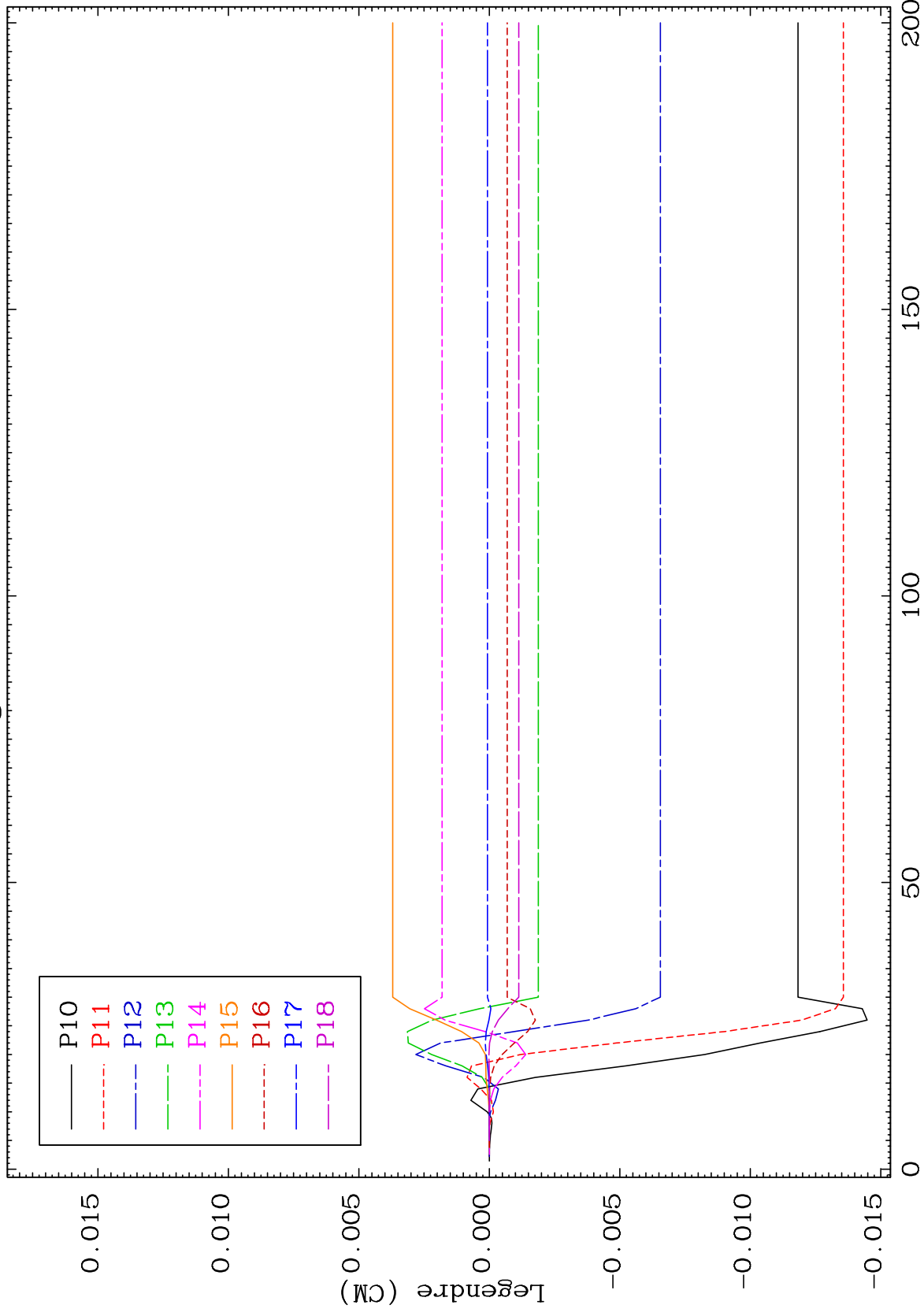
73-Ta-162



MAT 7271

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

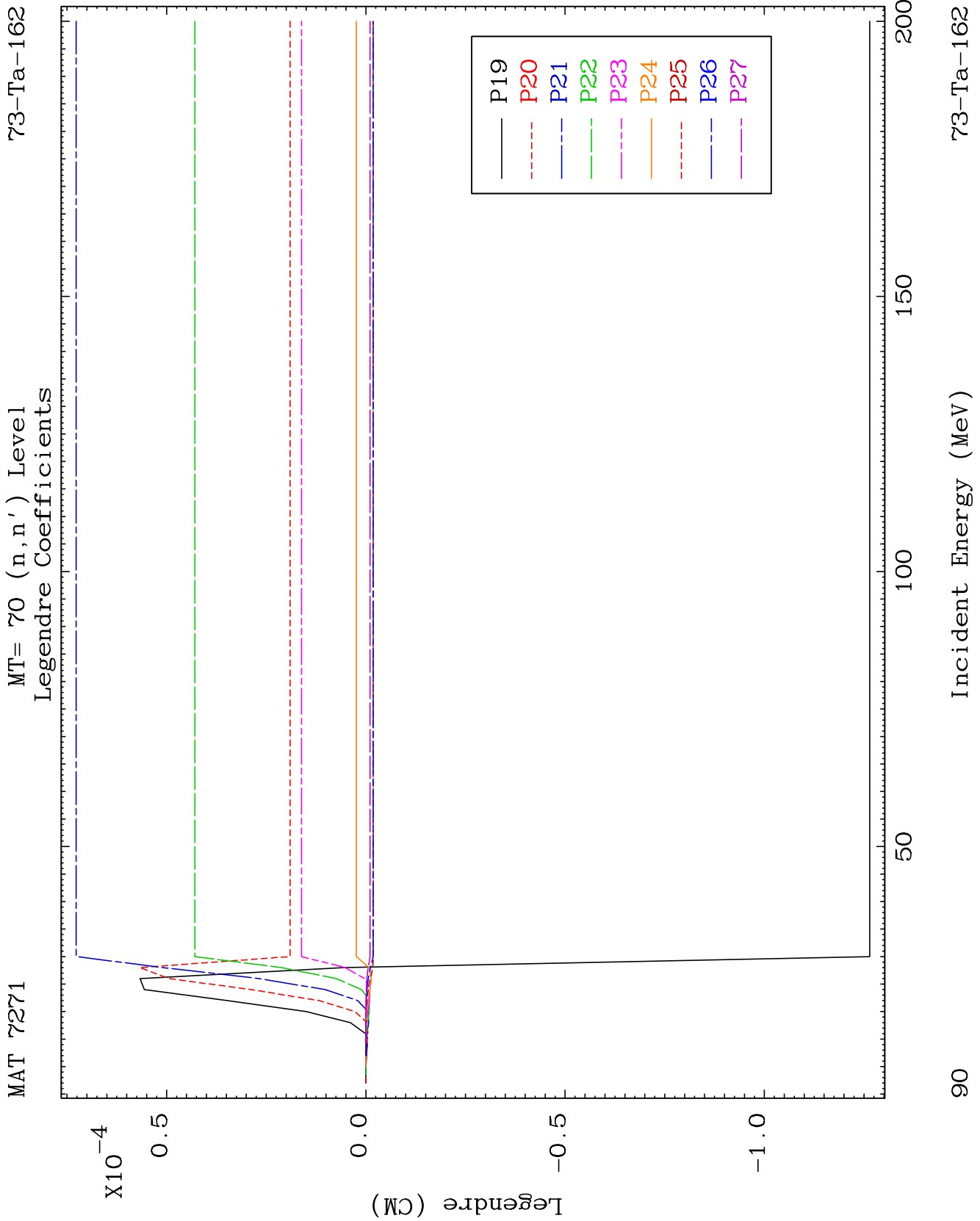
73-Ta-162

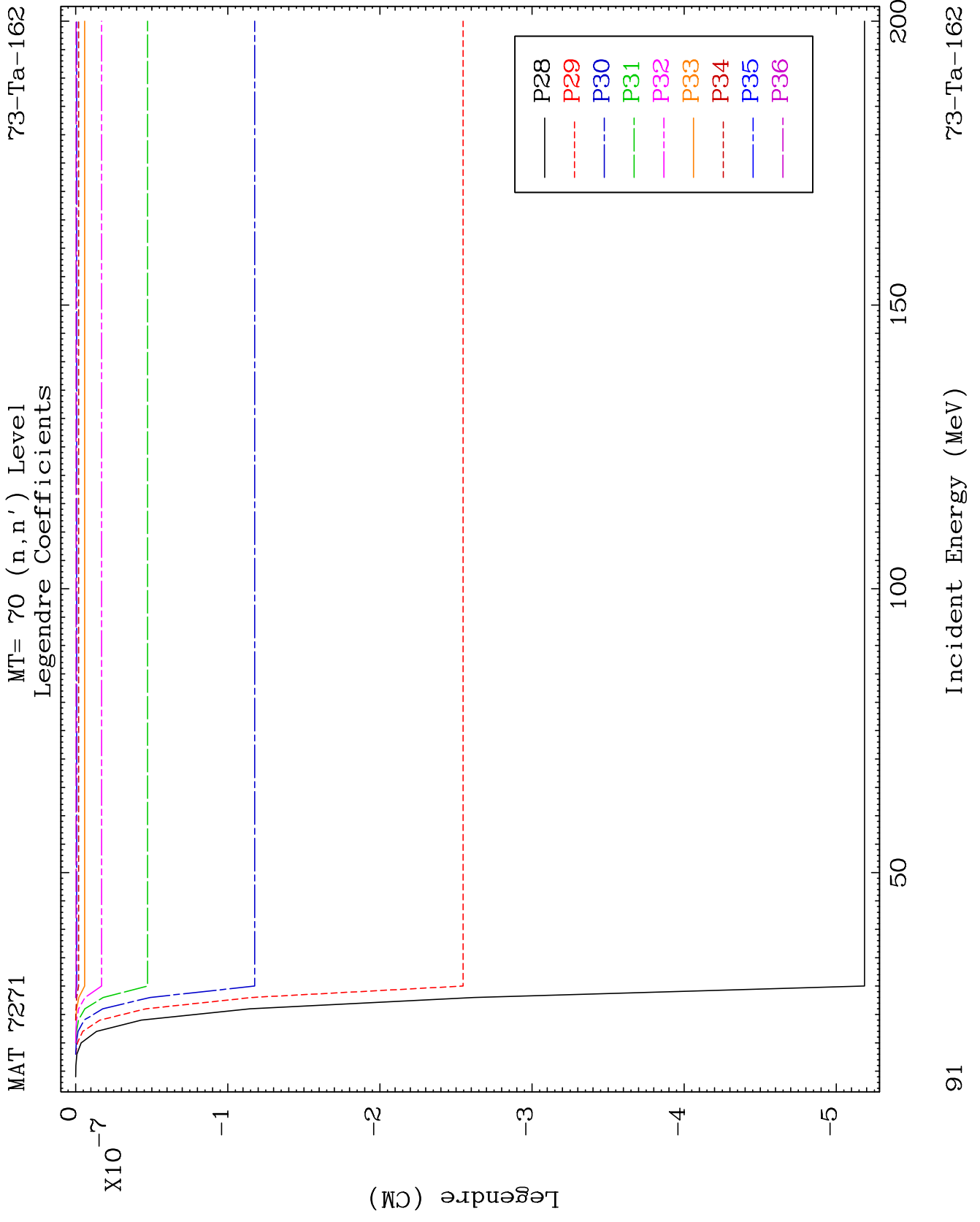


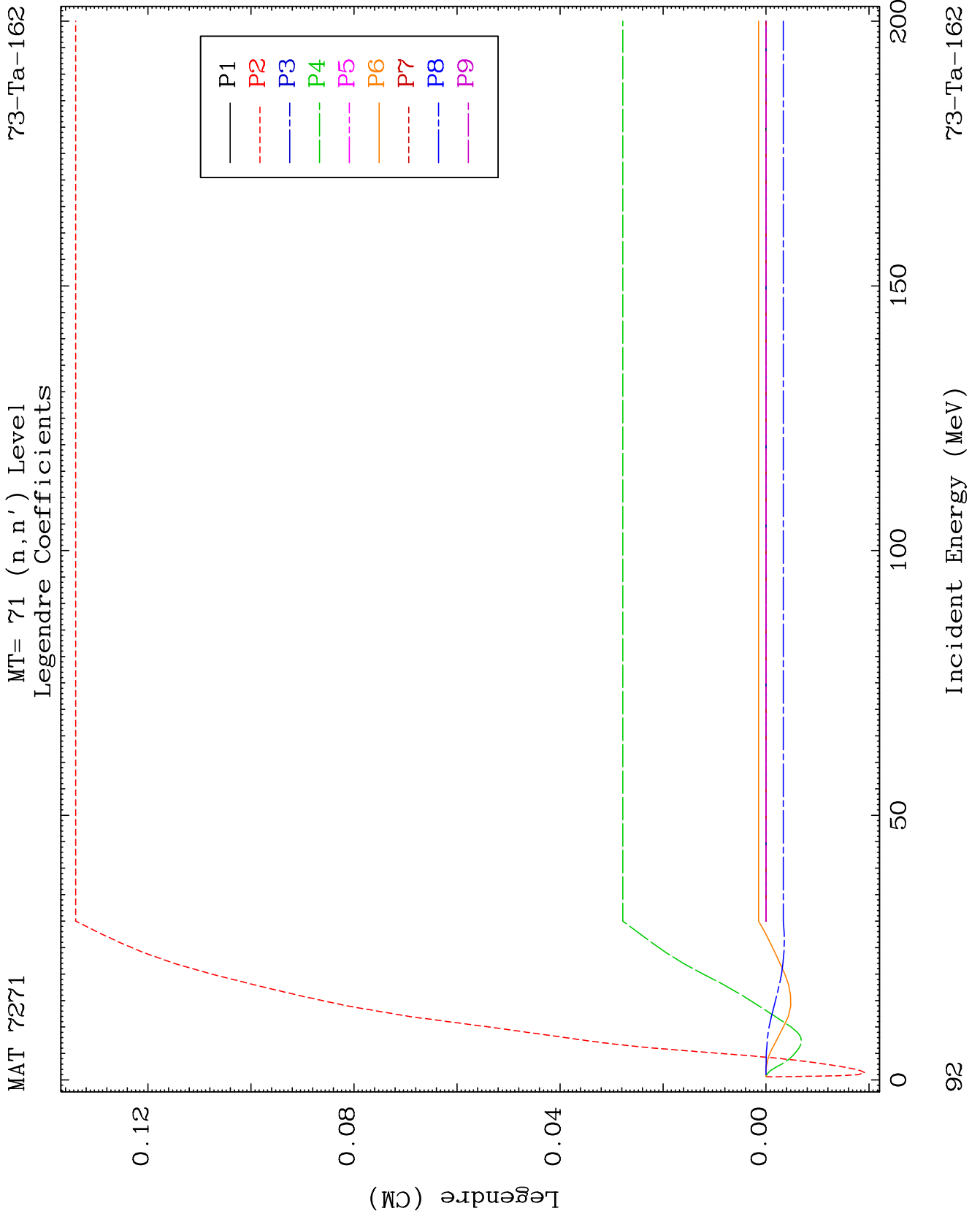
89

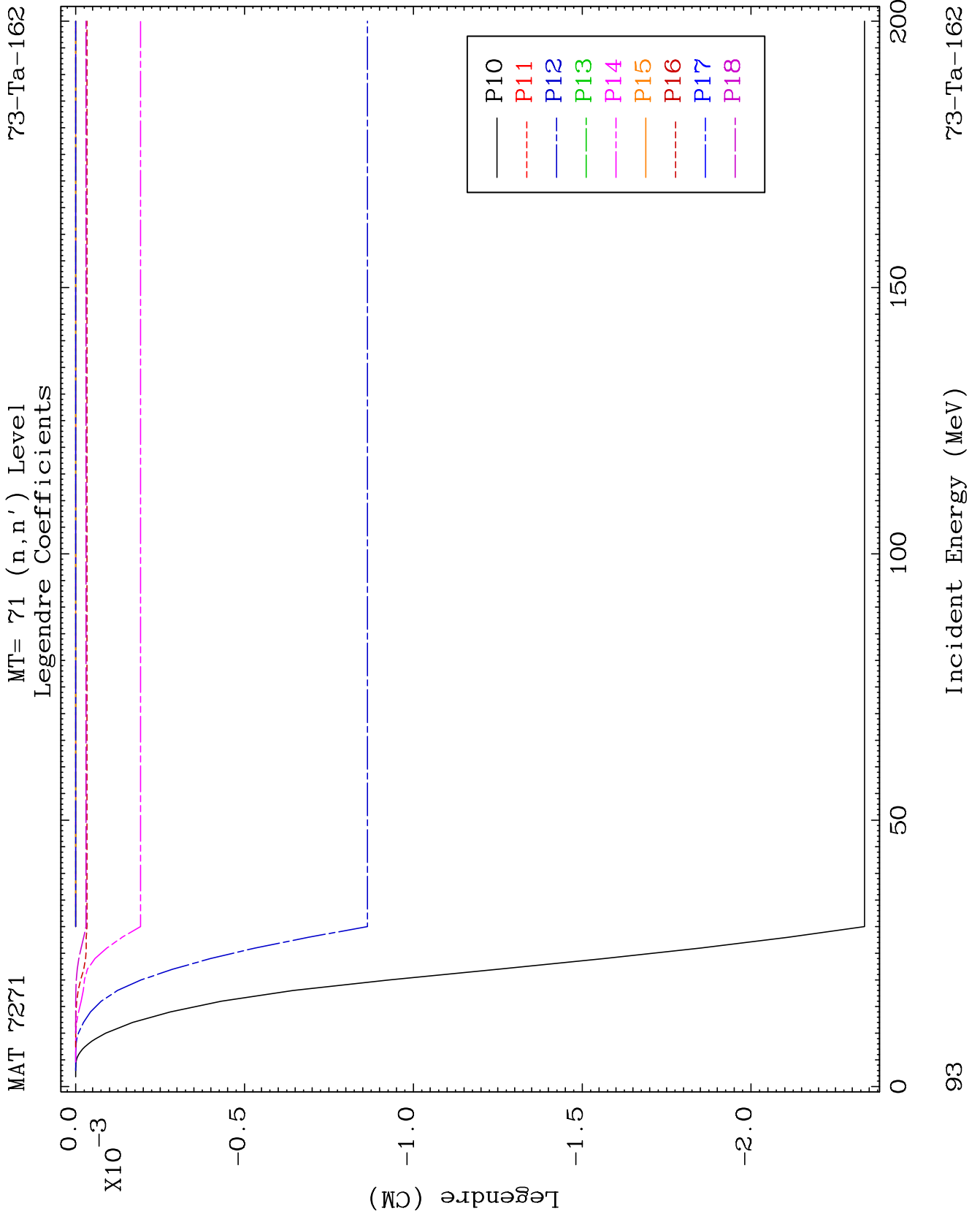
Incident Energy (MeV)

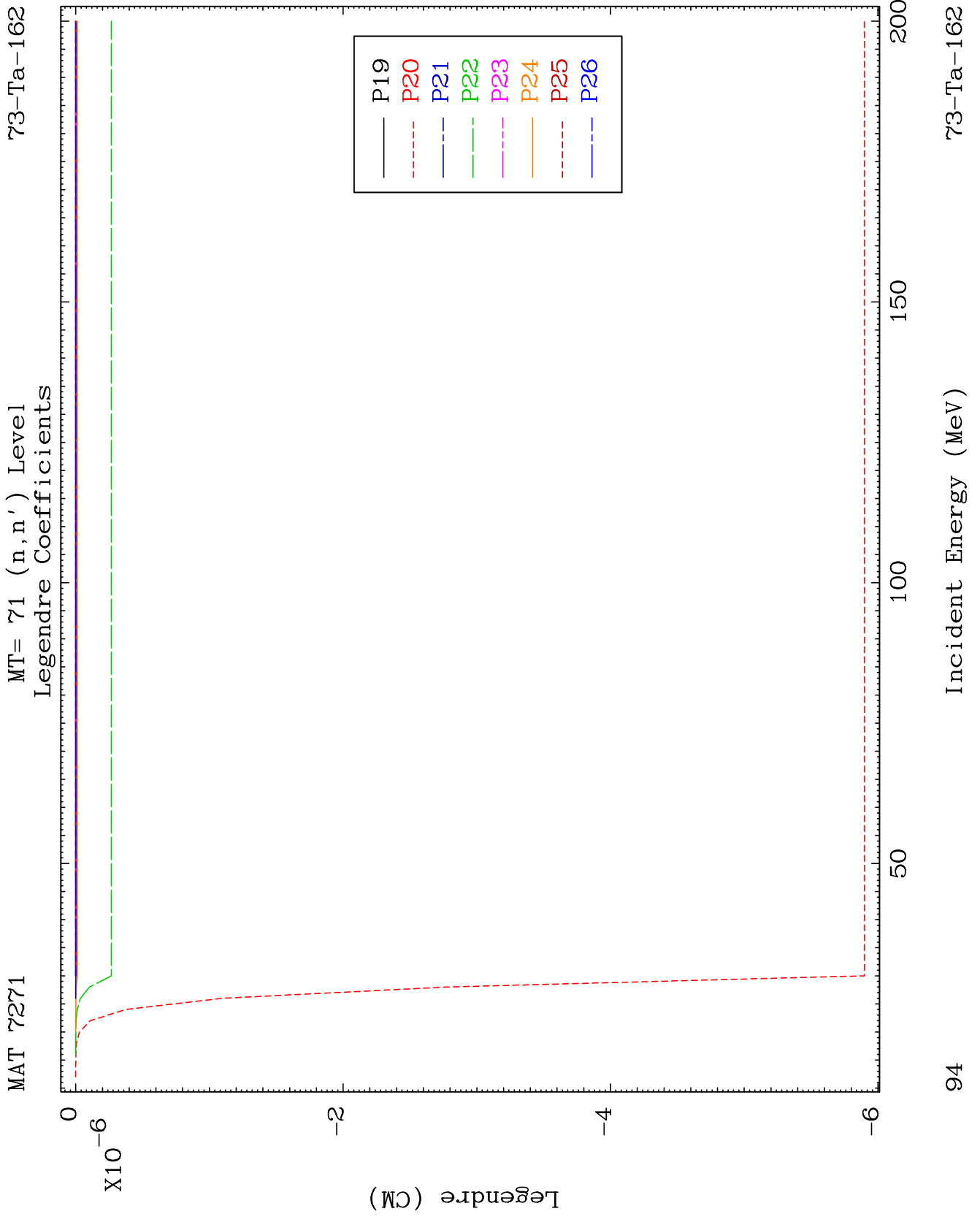
73-Ta-162







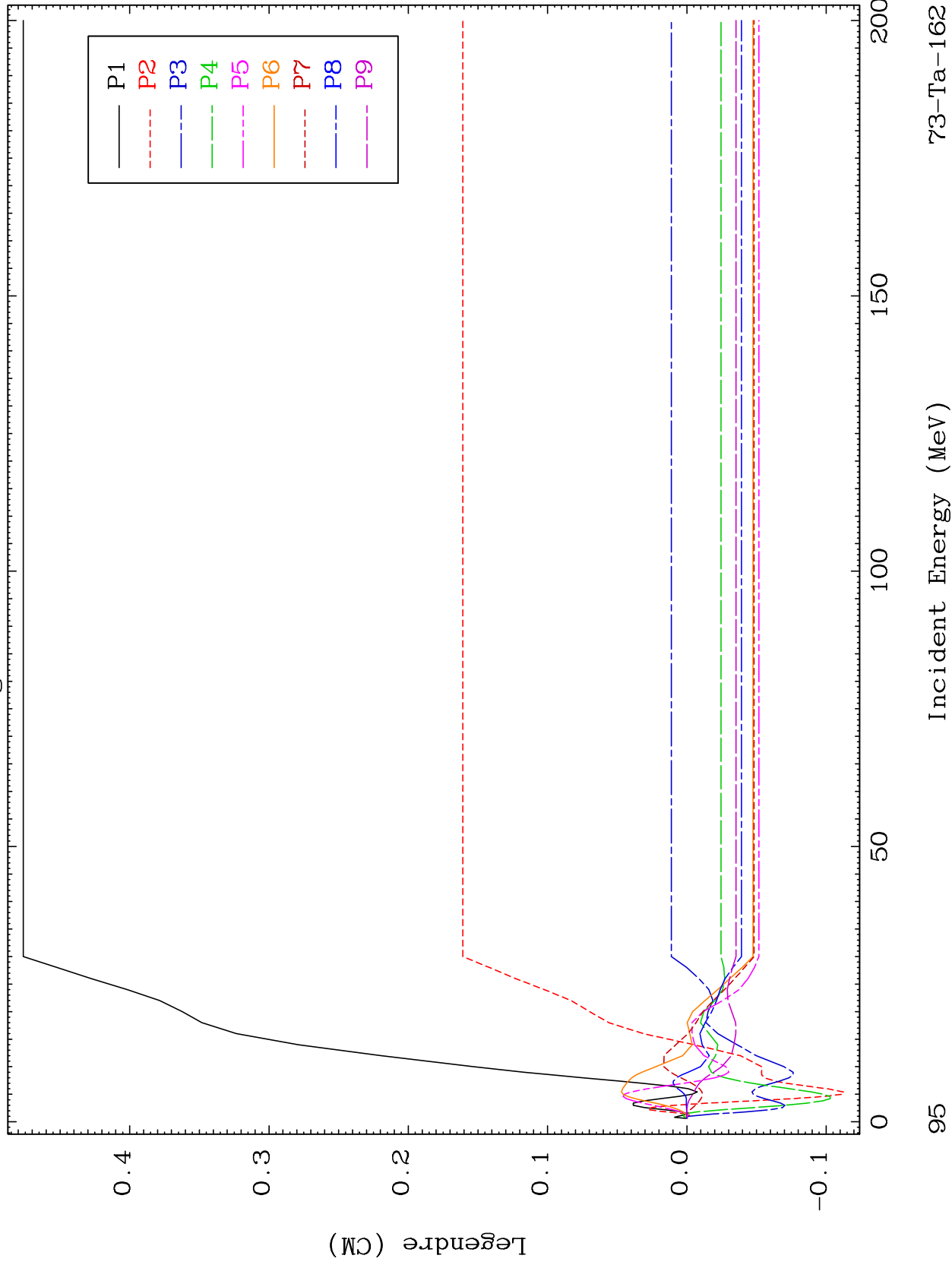




MAT 7271

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

73-Ta-162



73-Ta-162

Incident Energy (MeV)

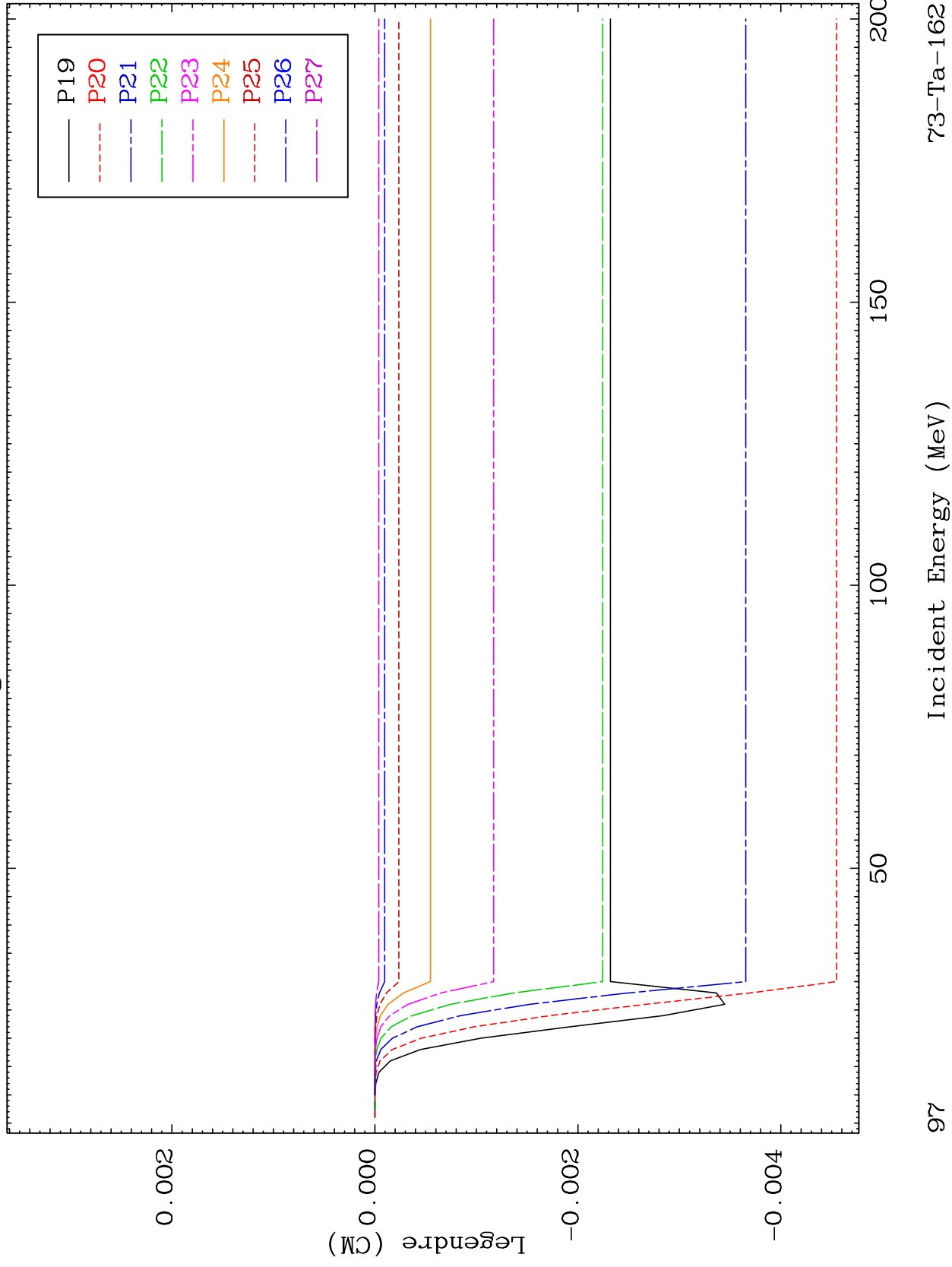
95



MAT 7271

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

73-Ta-162



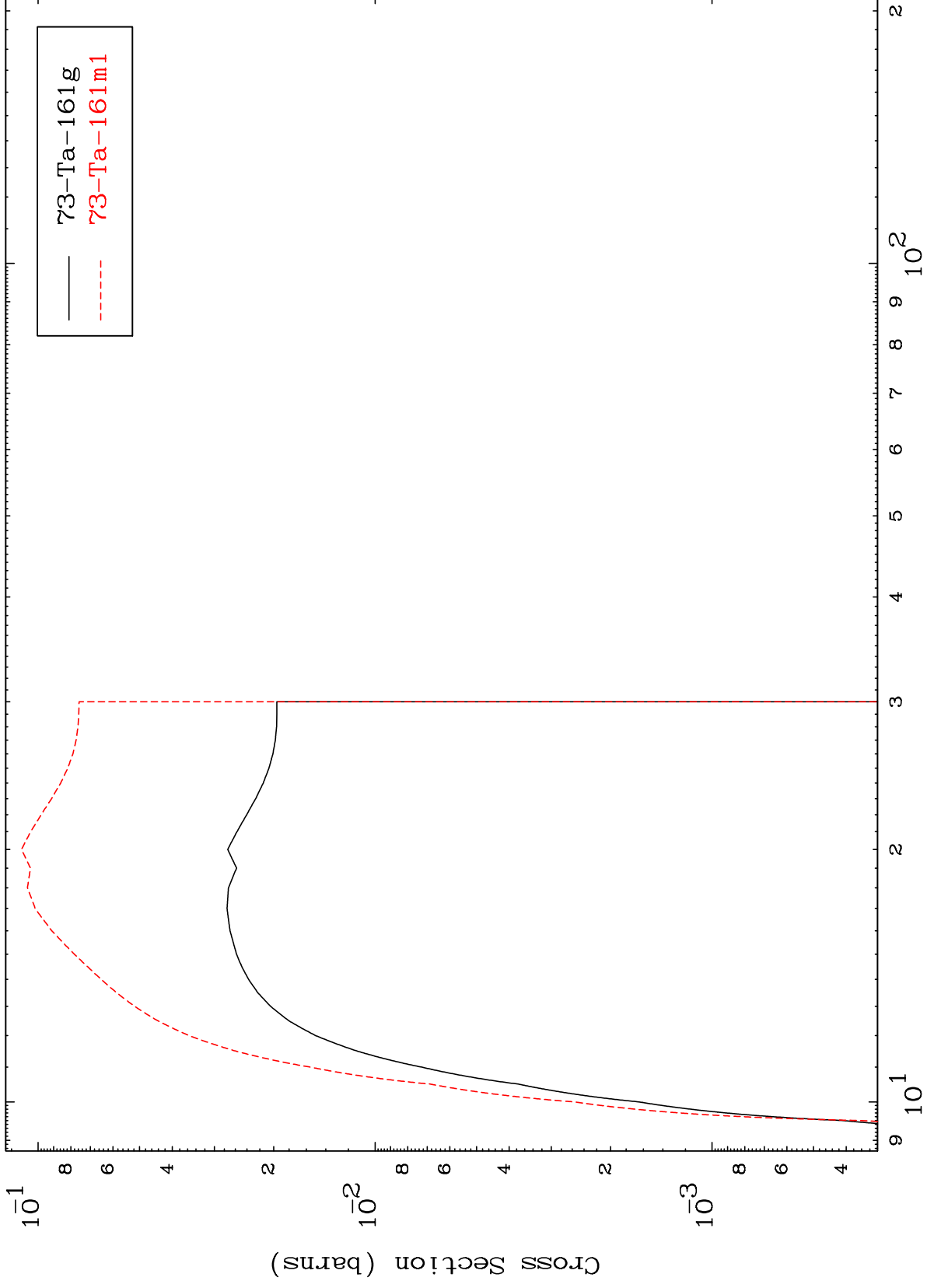


MAT 7271

<sup>73</sup>Ta-162

(n,2n)

Radionuclide Production Cross Section



<sup>73</sup>Ta-162

Incident Energy (MeV)

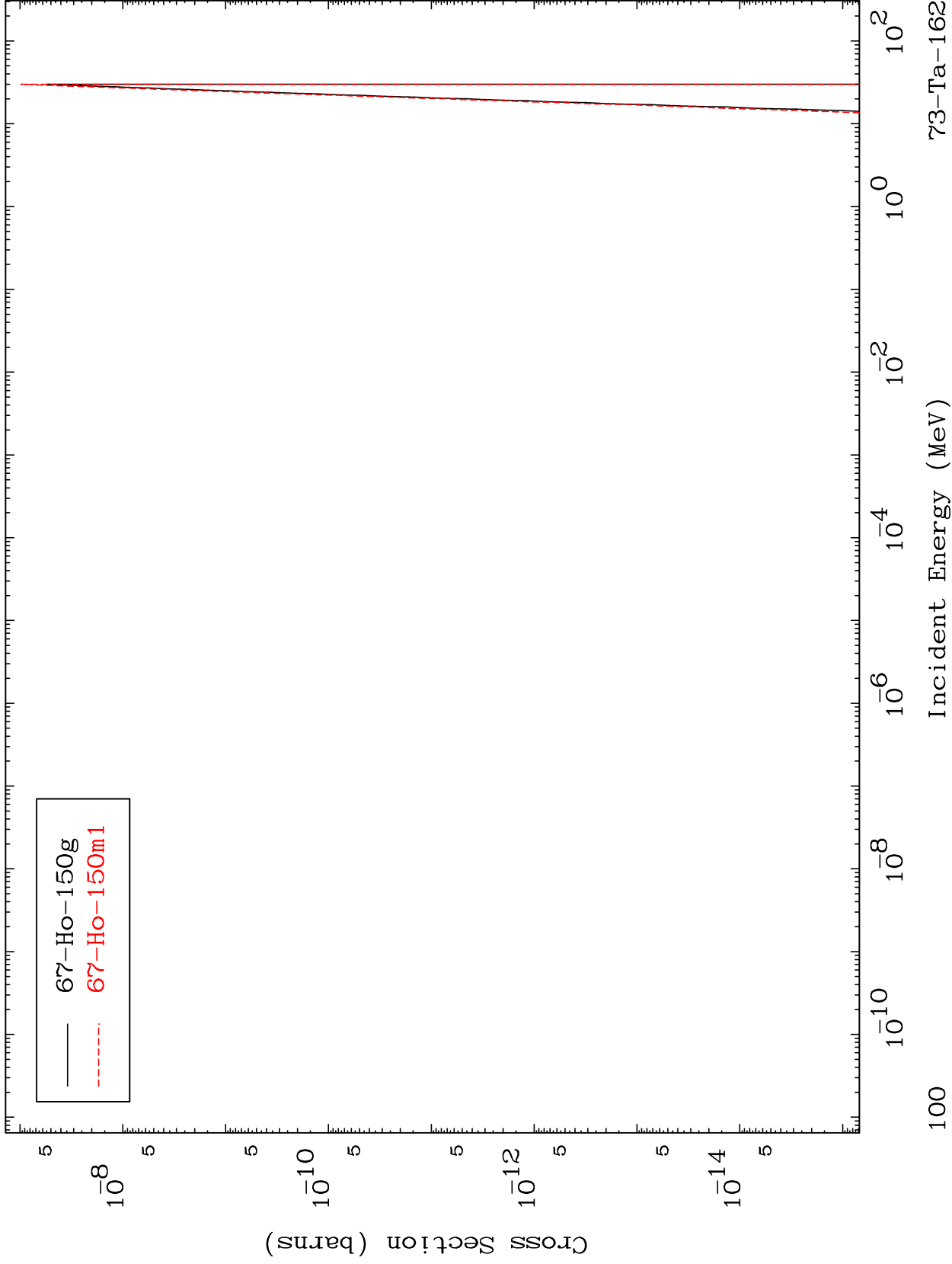
99

MAT 7271

(n,n') 3 $\alpha$

73-Ta-162

Radionuclide Production Cross Section



100

Incident Energy (MeV)

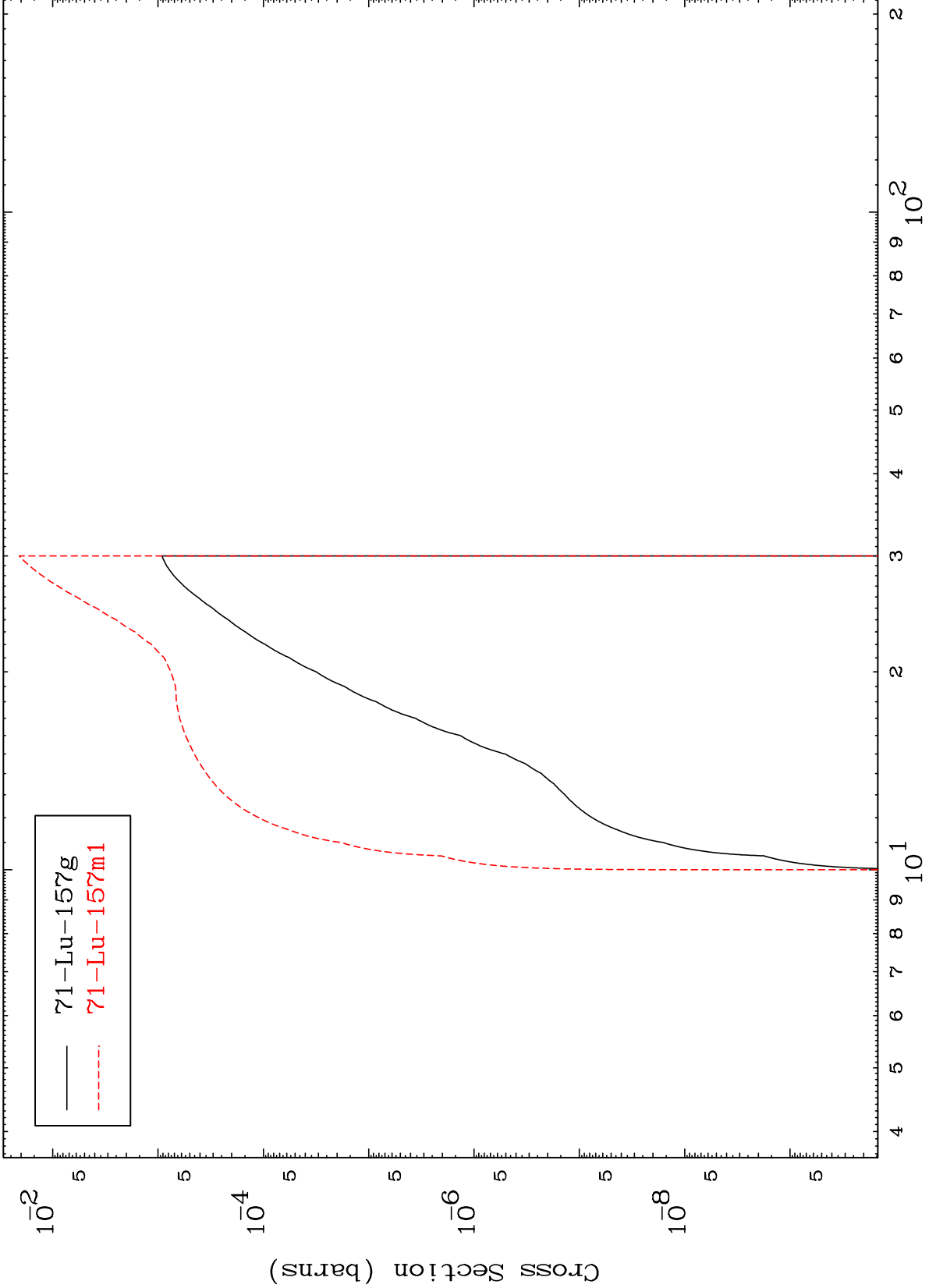
73-Ta-162

MAT 7271

(n,2n)  $\alpha$

73-Ta-162

Radionuclide Production Cross Section



71-Lu-157g  
71-Lu-157m1

101

Incident Energy (MeV)

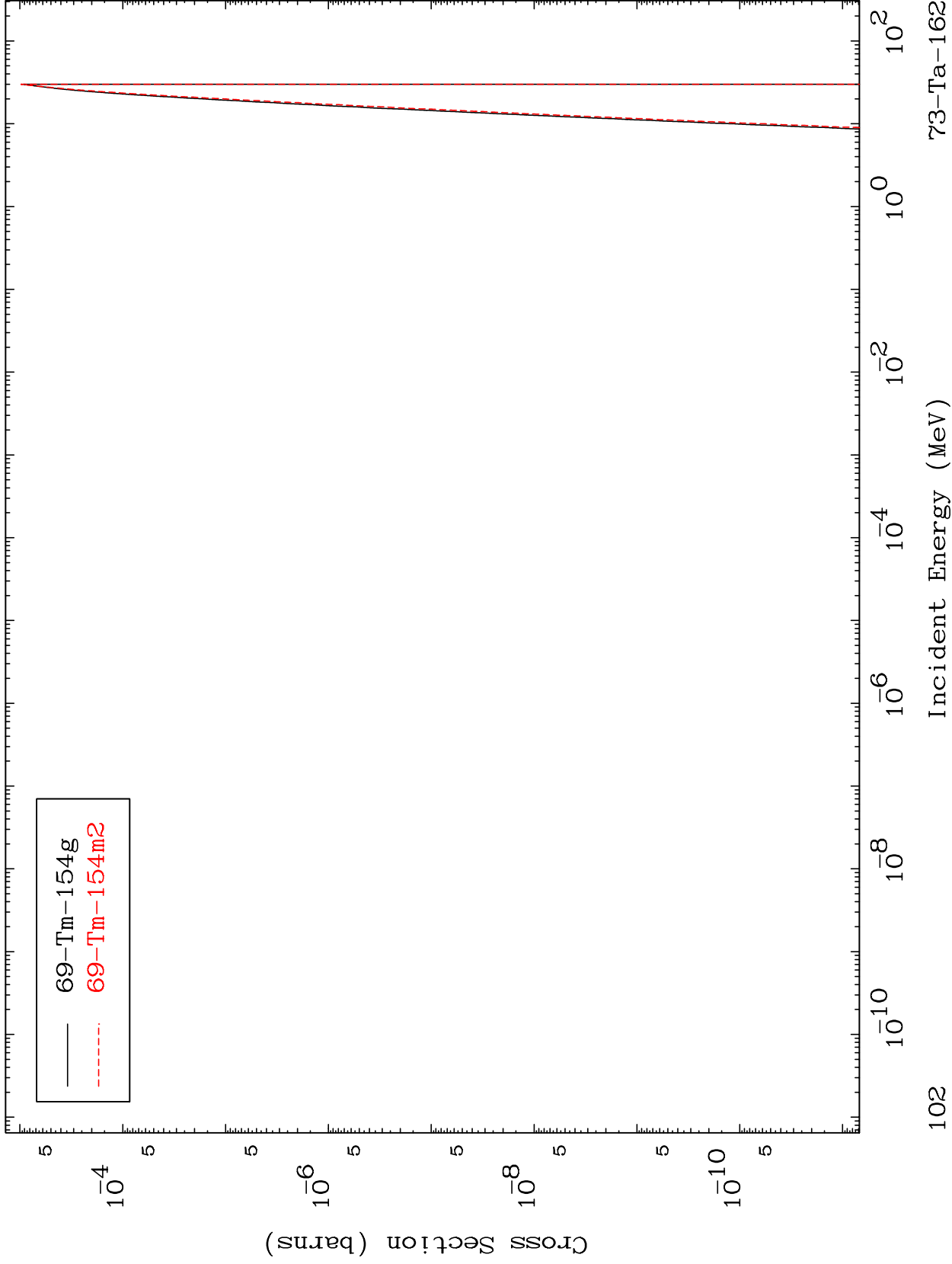
73-Ta-162

MAT 7271

(n,n') 2α

73-Ta-162

Radionuclide Production Cross Section



102

Incident Energy (MeV)

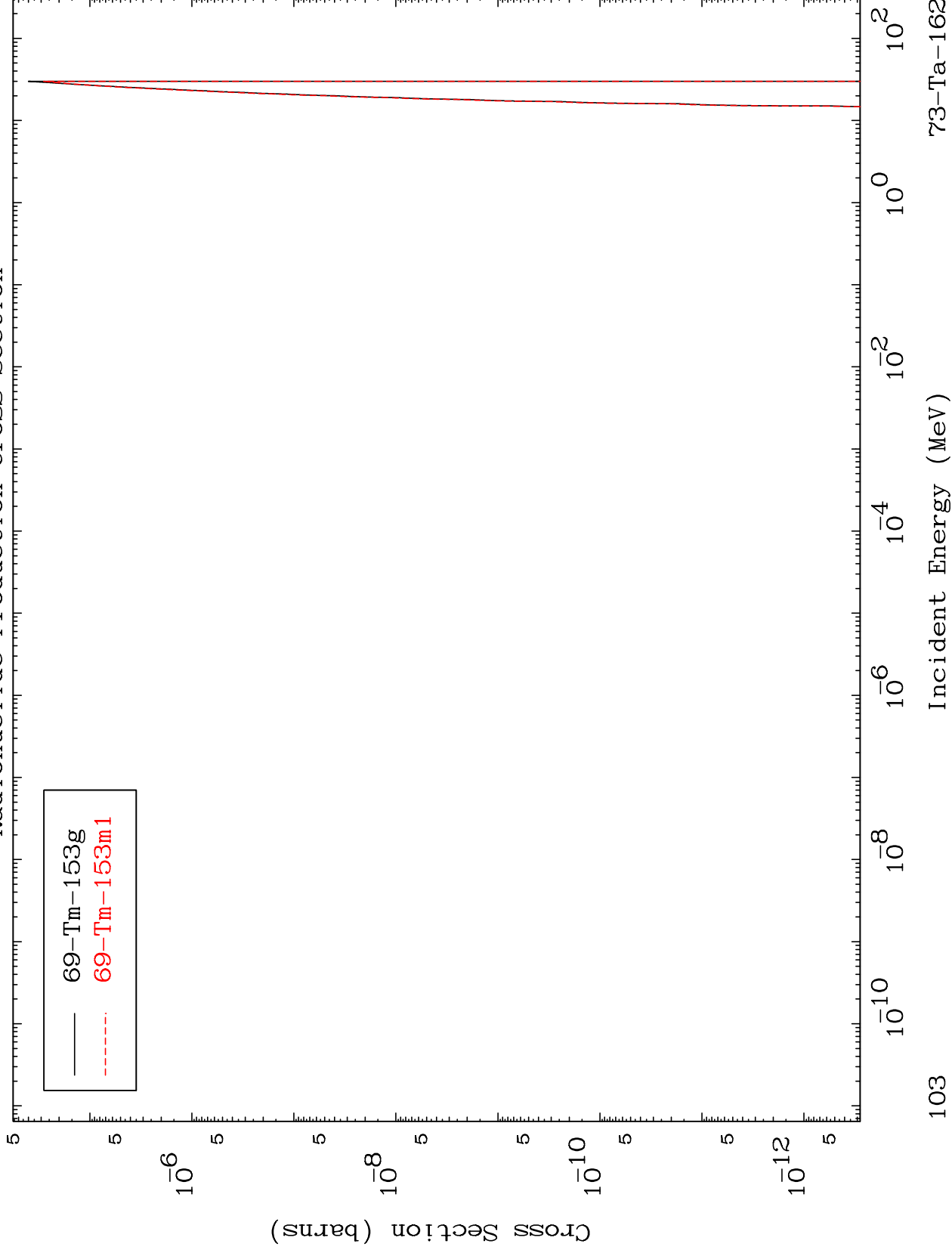
73-Ta-162

MAT 7271

(n,2n) 2α

73-Ta-162

Radionuclide Production Cross Section



103

Incident Energy (MeV)

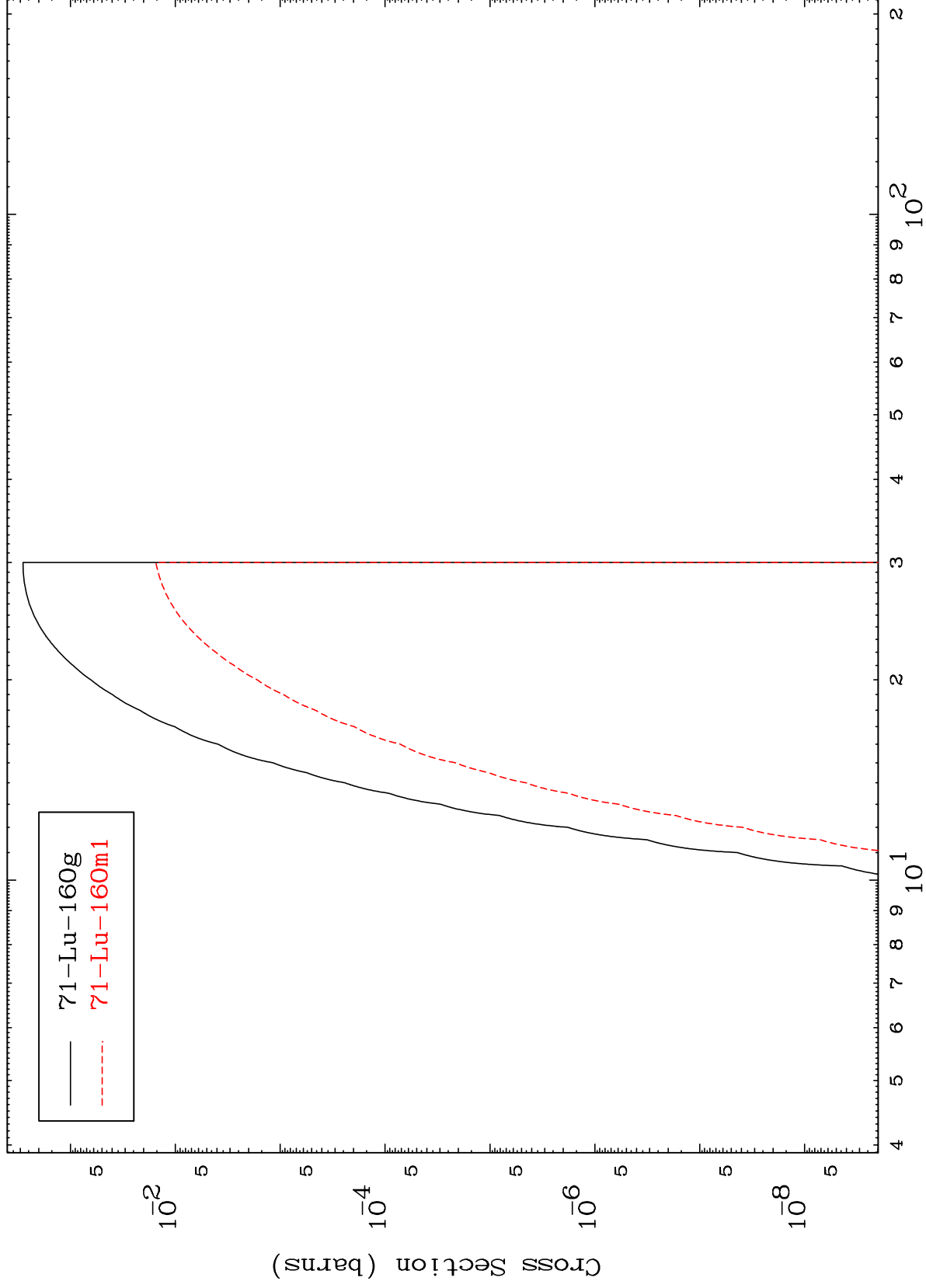
73-Ta-162

MAT 7271

(n,2n) p

73-Ta-162

Radionuclide Production Cross Section



104

Incident Energy (MeV)

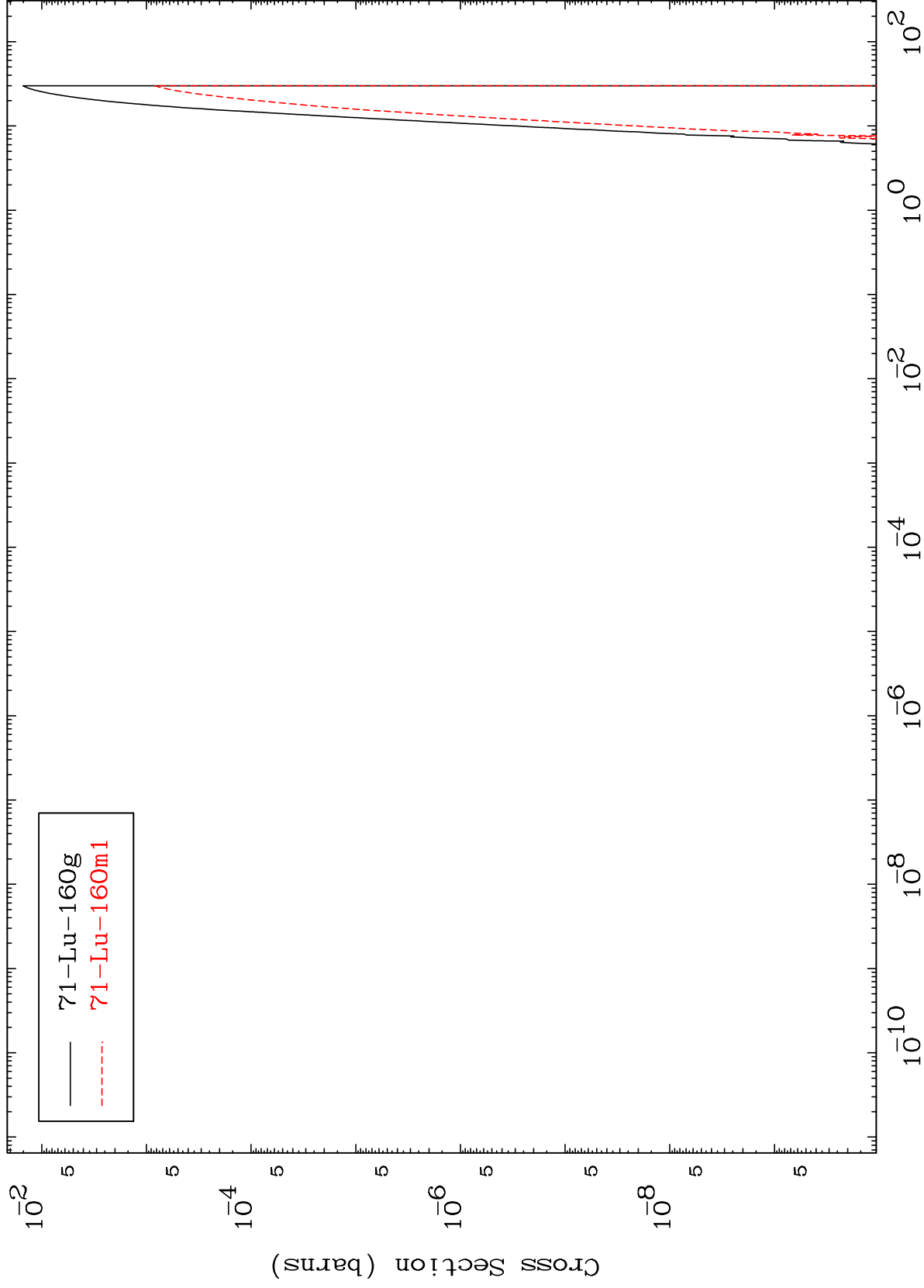
73-Ta-162

MAT 7271

(n,He-3)

73-Ta-162

Radionuclide Production Cross Section

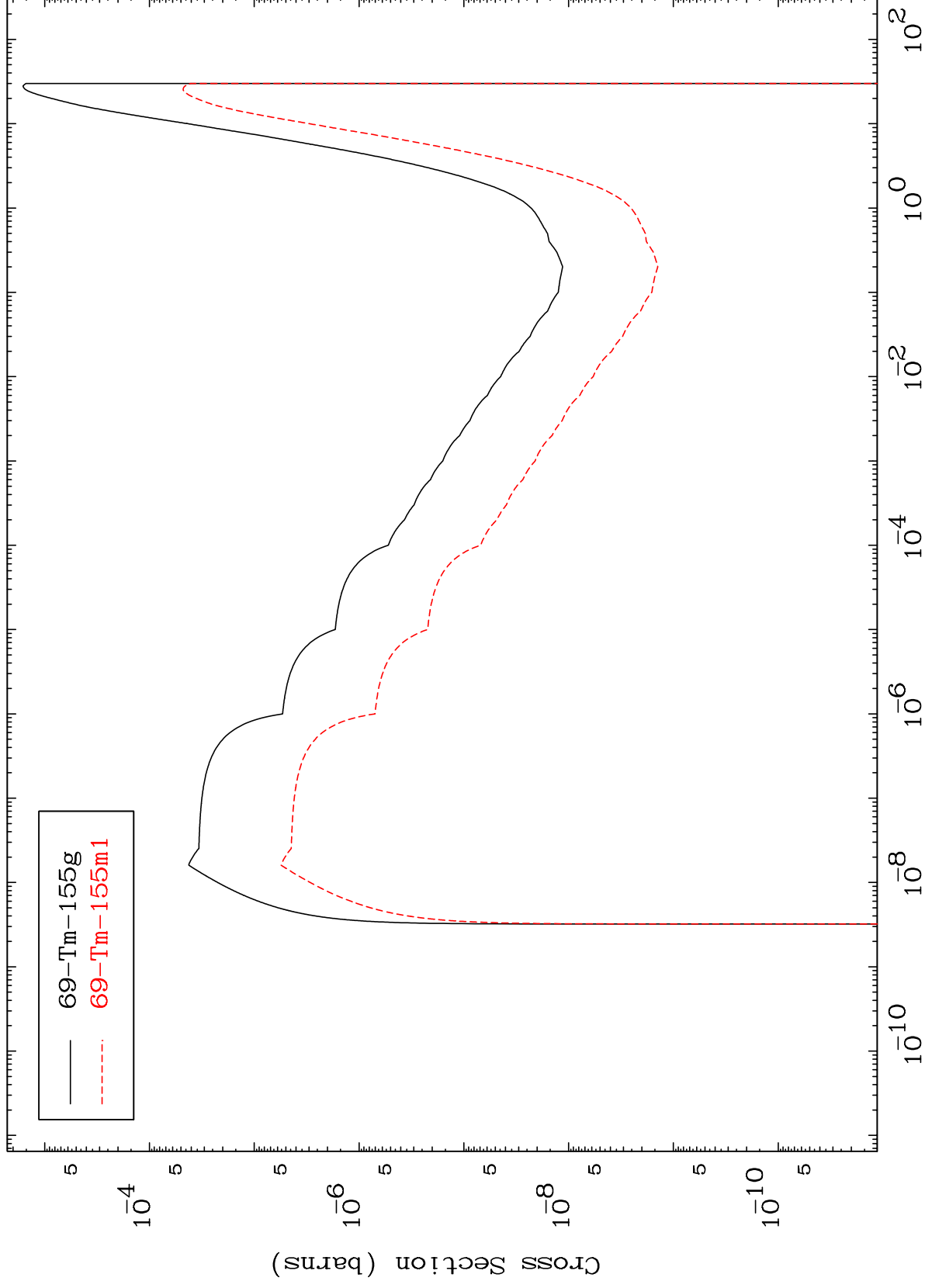


105

MAT 7271

73-Ta-162

Radionuclide Production Cross Section  
(n,2α)



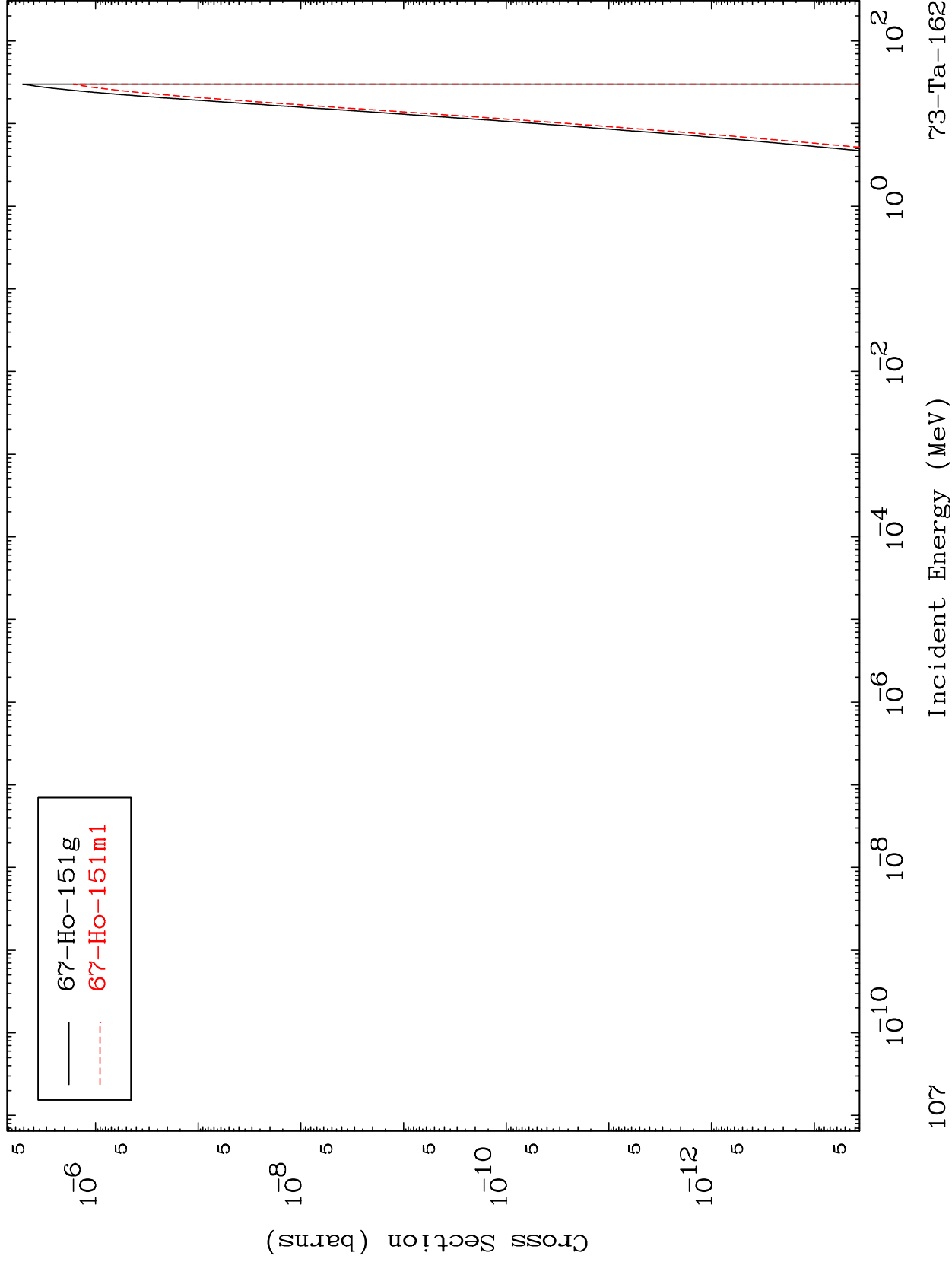
— 69-Tm-155g  
- - - 69-Tm-155m1

MAT 7271

(n, 3 $\alpha$ )

<sup>73</sup>Ta-162

Radionuclide Production Cross Section



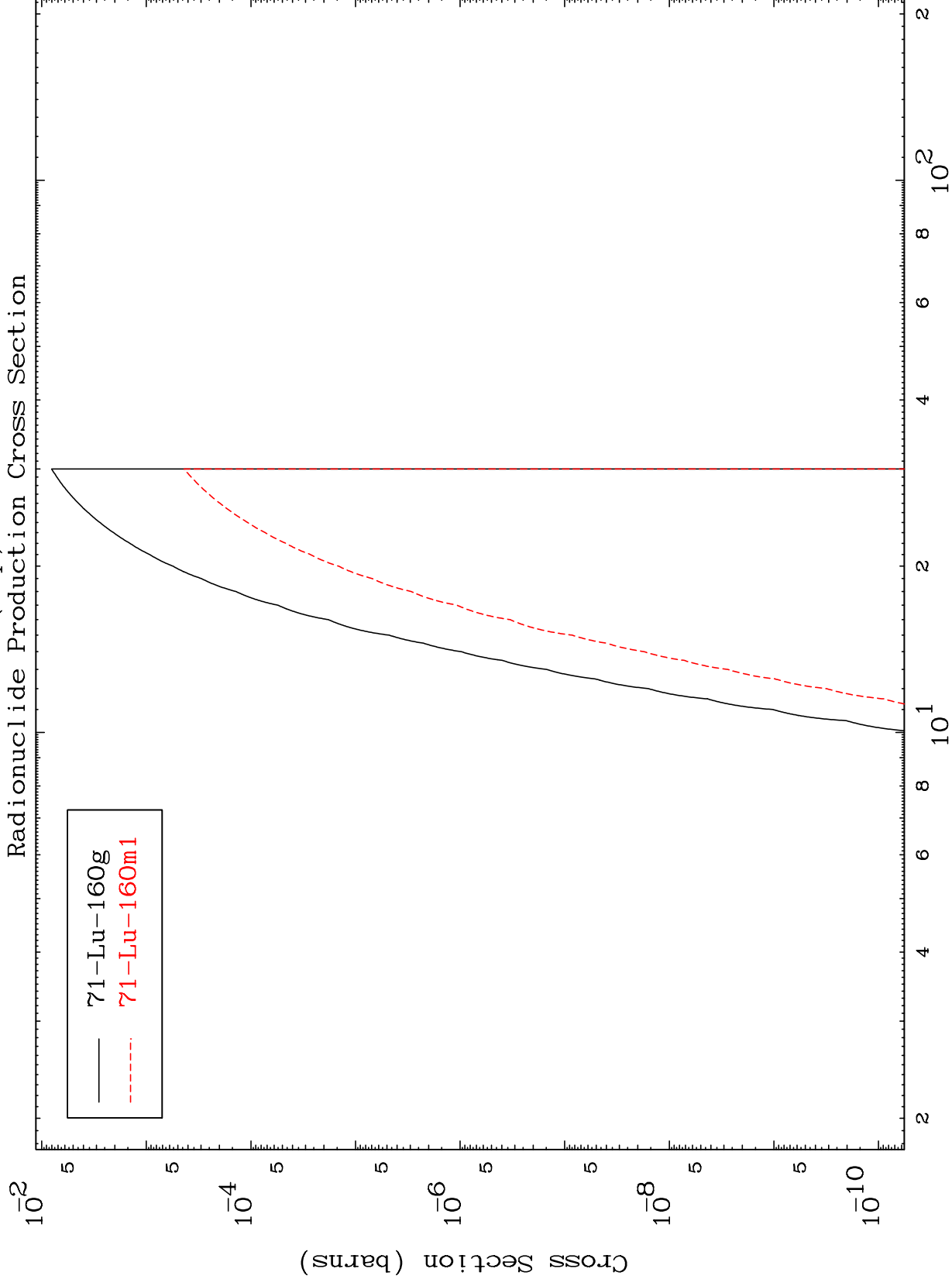
107

MAT 7271

(n,p) d

73-Ta-162

Radionuclide Production Cross Section



71-Lu-160g  
71-Lu-160m1

108

Incident Energy (MeV)

73-Ta-162