

Program EVALPLOT
(Version 2021-1)

by

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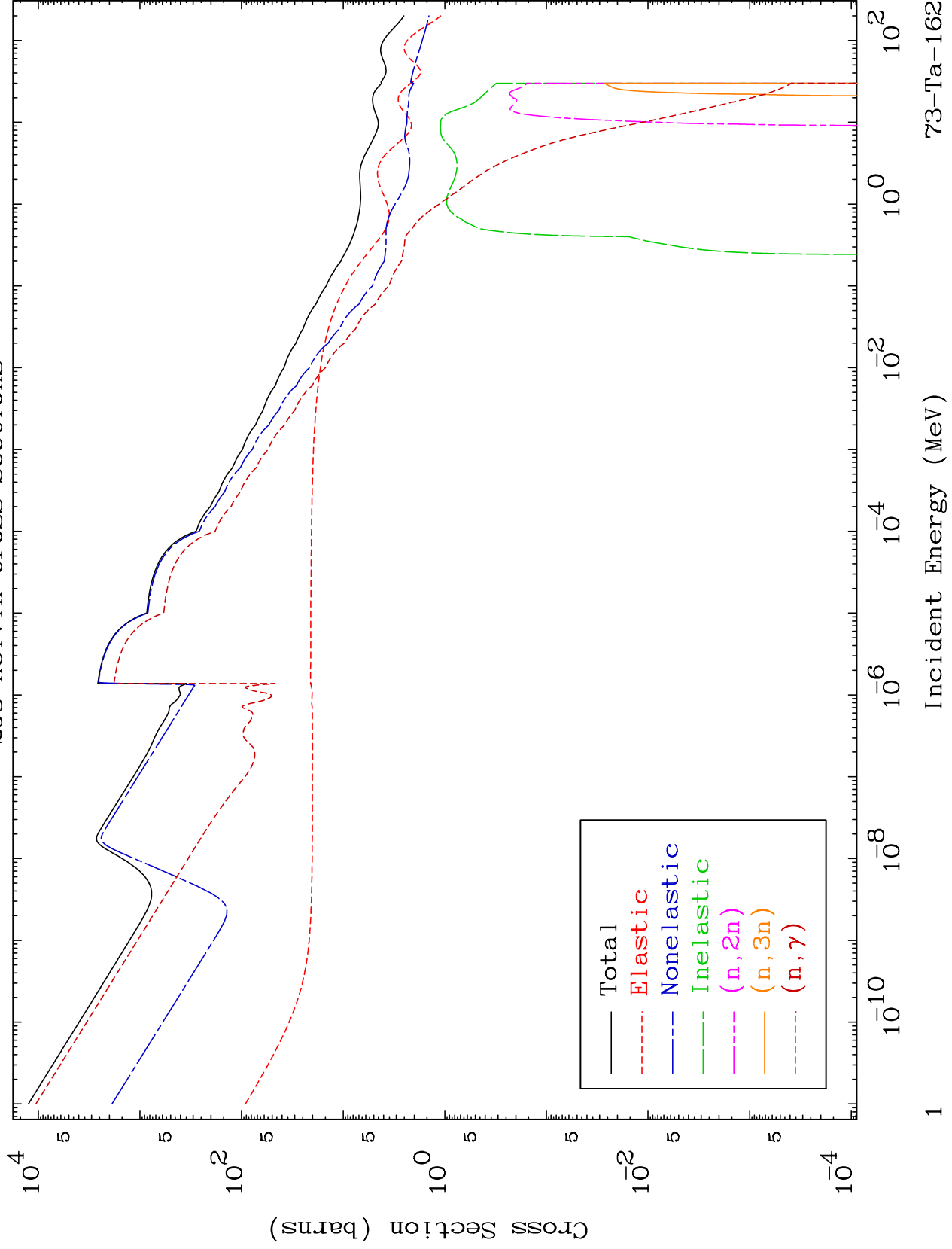
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Press Mouse Button to Start

MAT 7271

Neutron Major
293 Kelvin Cross Sections

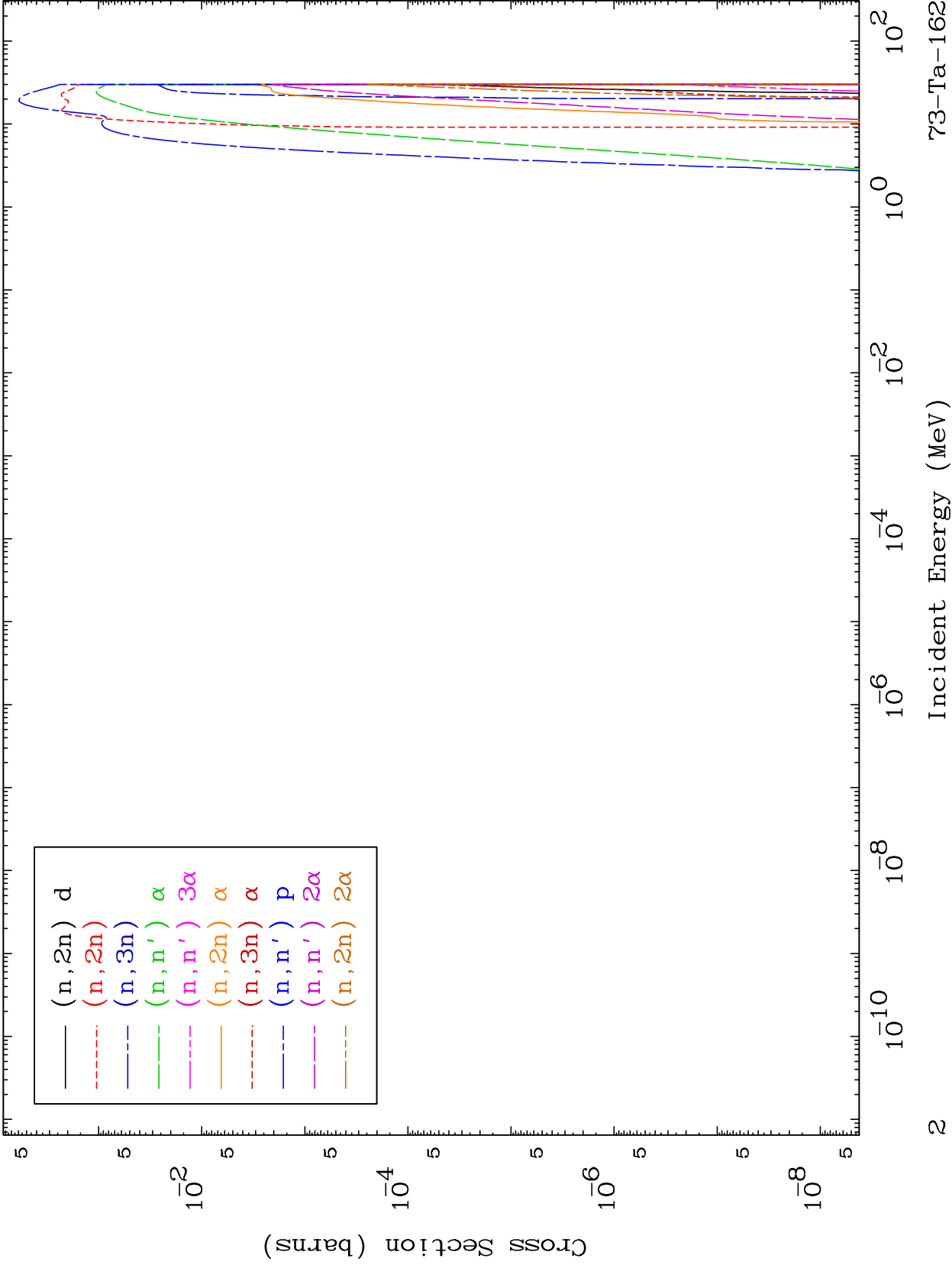
73-Ta-162



MAT 7271

Neutron Absorption
293 Kelvin Cross Sections

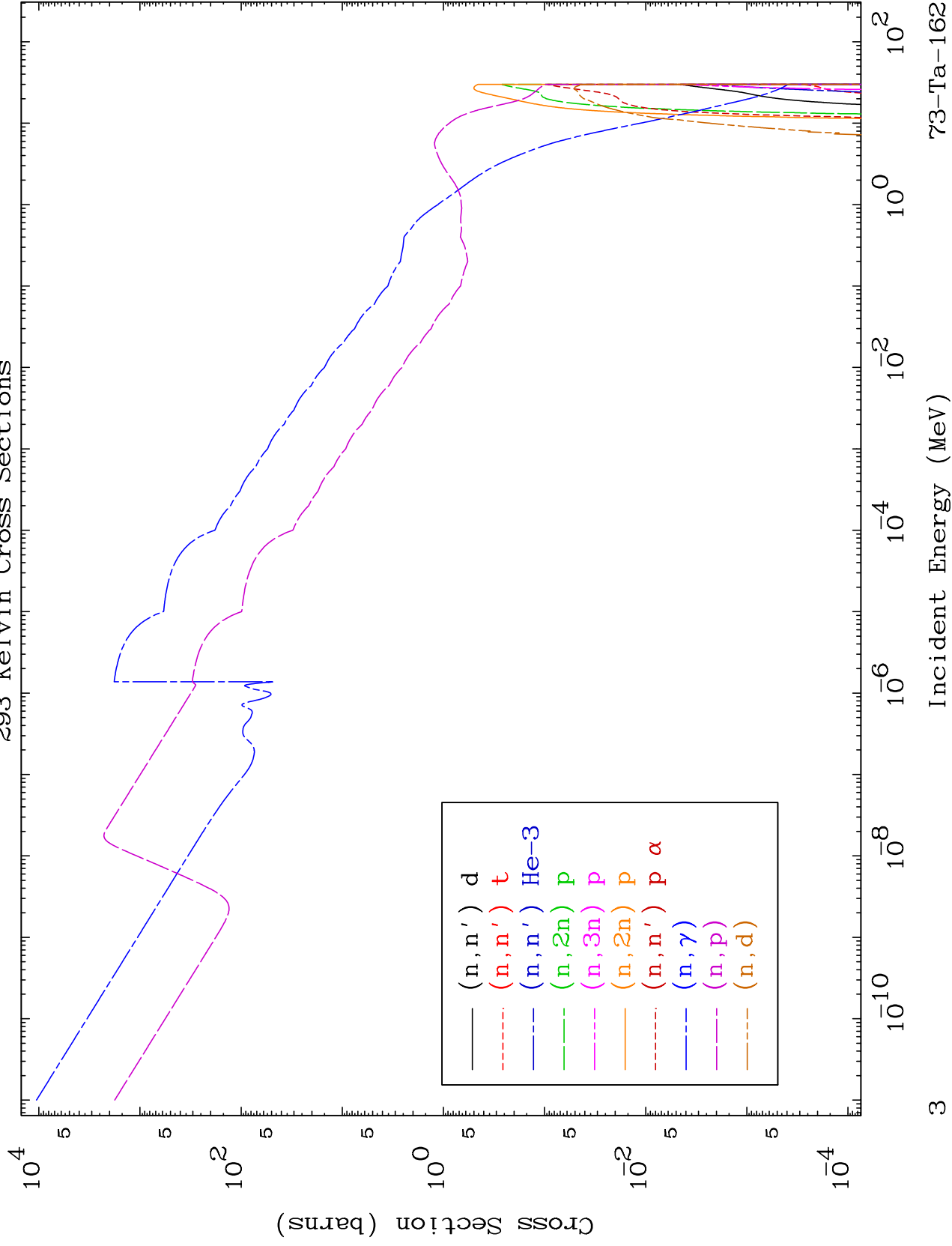
73-Ta-162



MAT 7271

Neutron Absorption
293 Kelvin Cross Sections

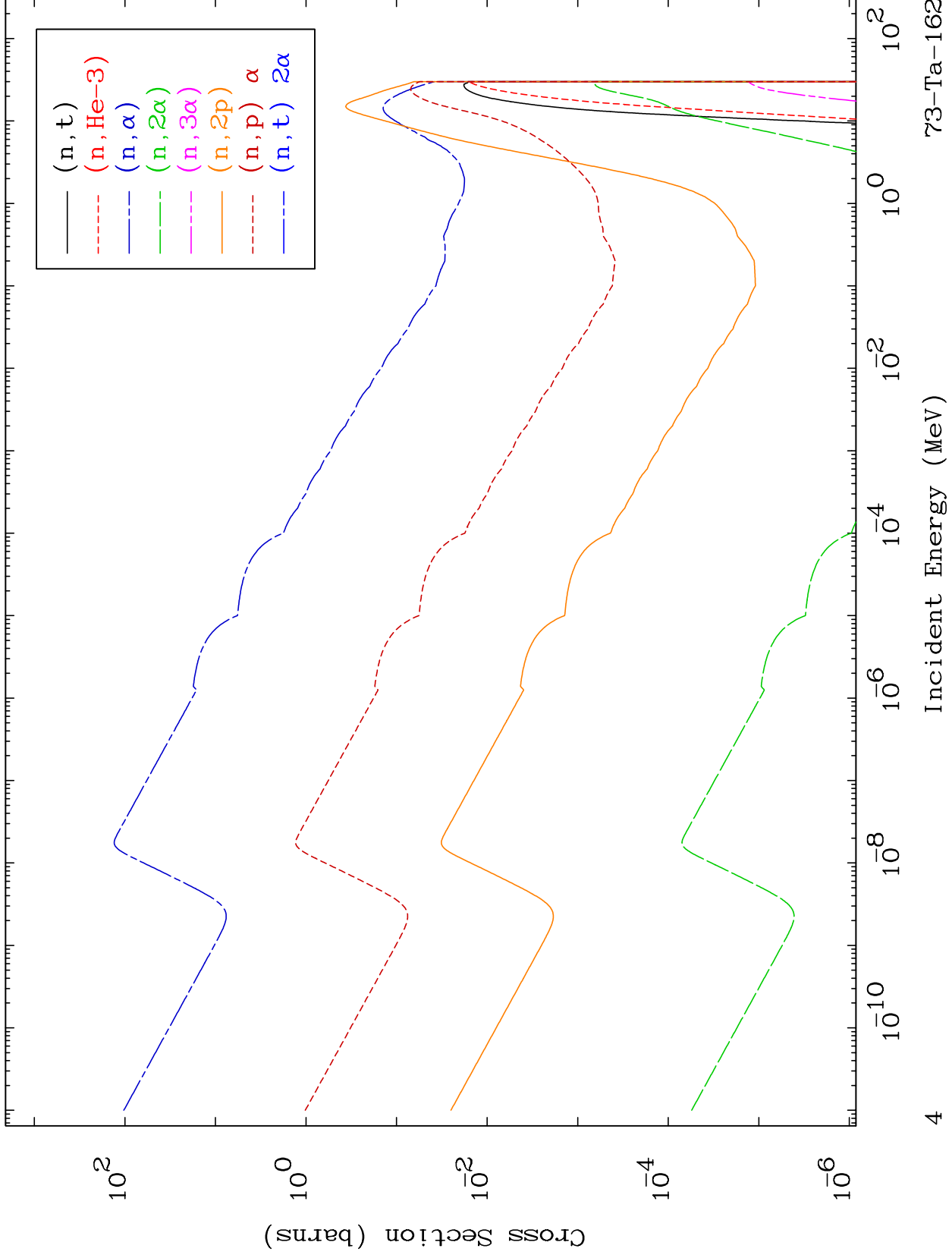
73-Ta-162



MAT 7271

Neutron Absorption
293 Kelvin Cross Sections

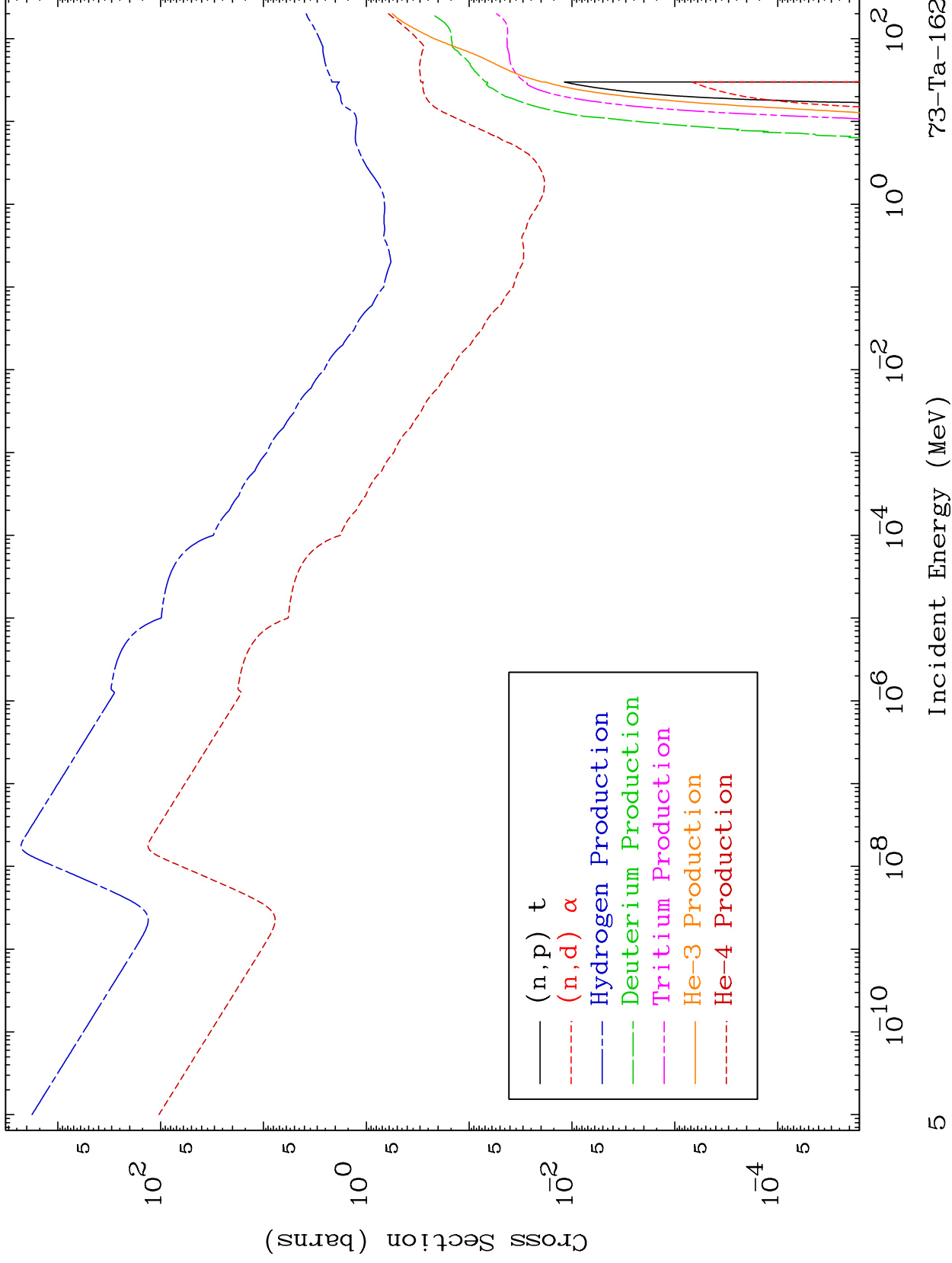
73-Ta-162



MAT 7271

Neutron Absorption
293 Kelvin Cross Sections

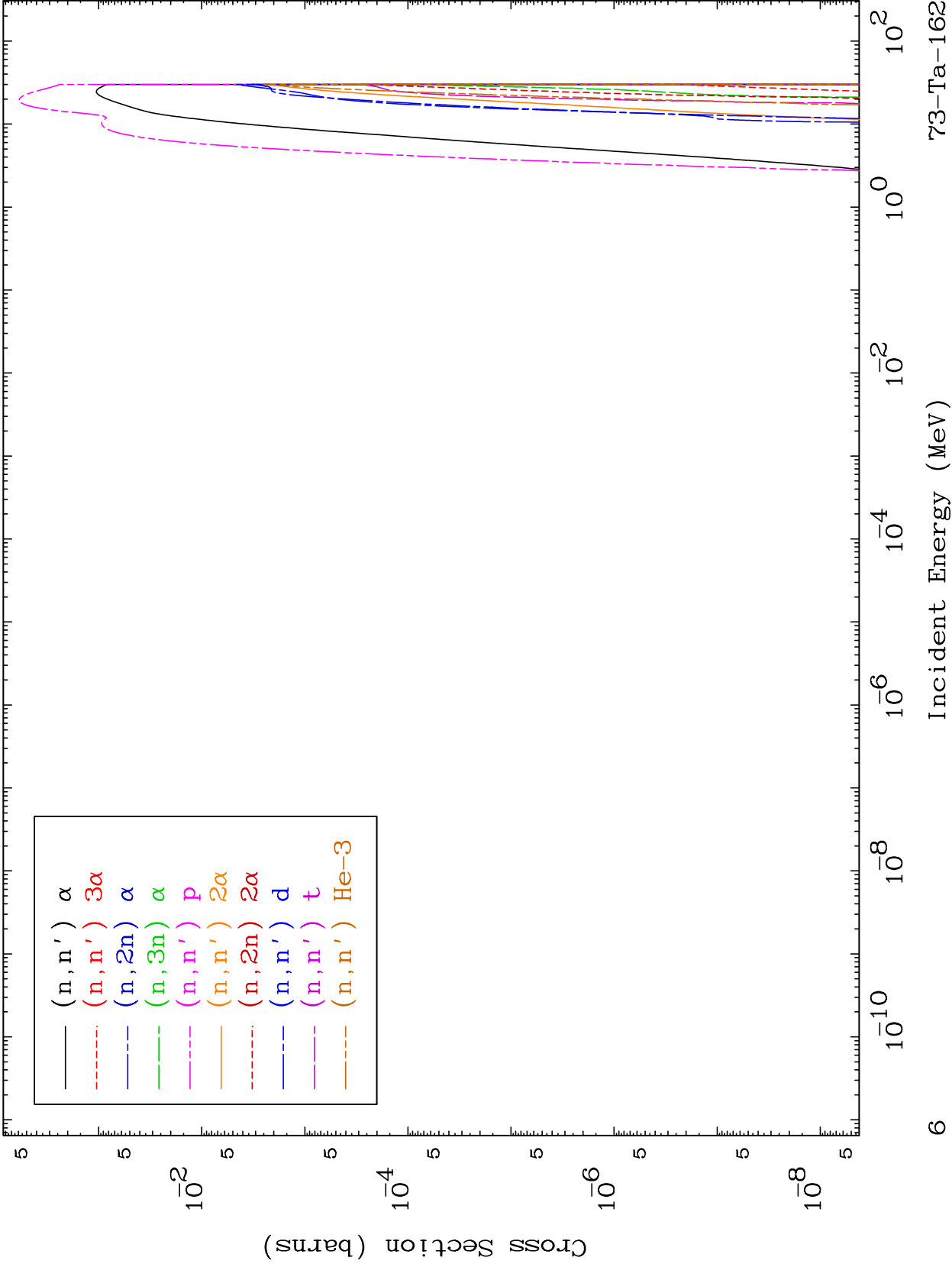
73-Ta-162



MAT 7271

Charged Particle
293 Kelvin Cross Sections

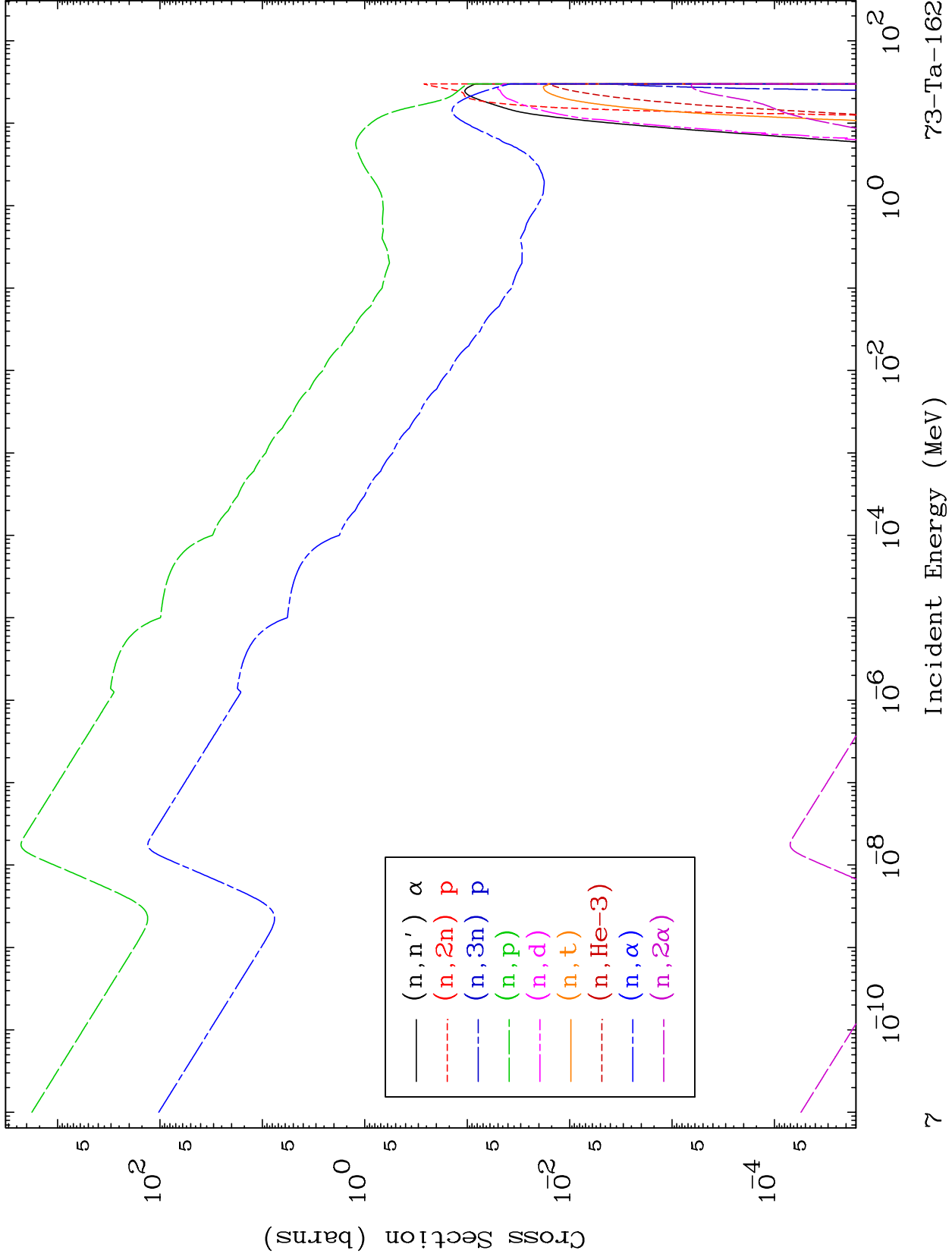
73-Ta-162



MAT 7271

Charged Particle
293 Kelvin Cross Sections

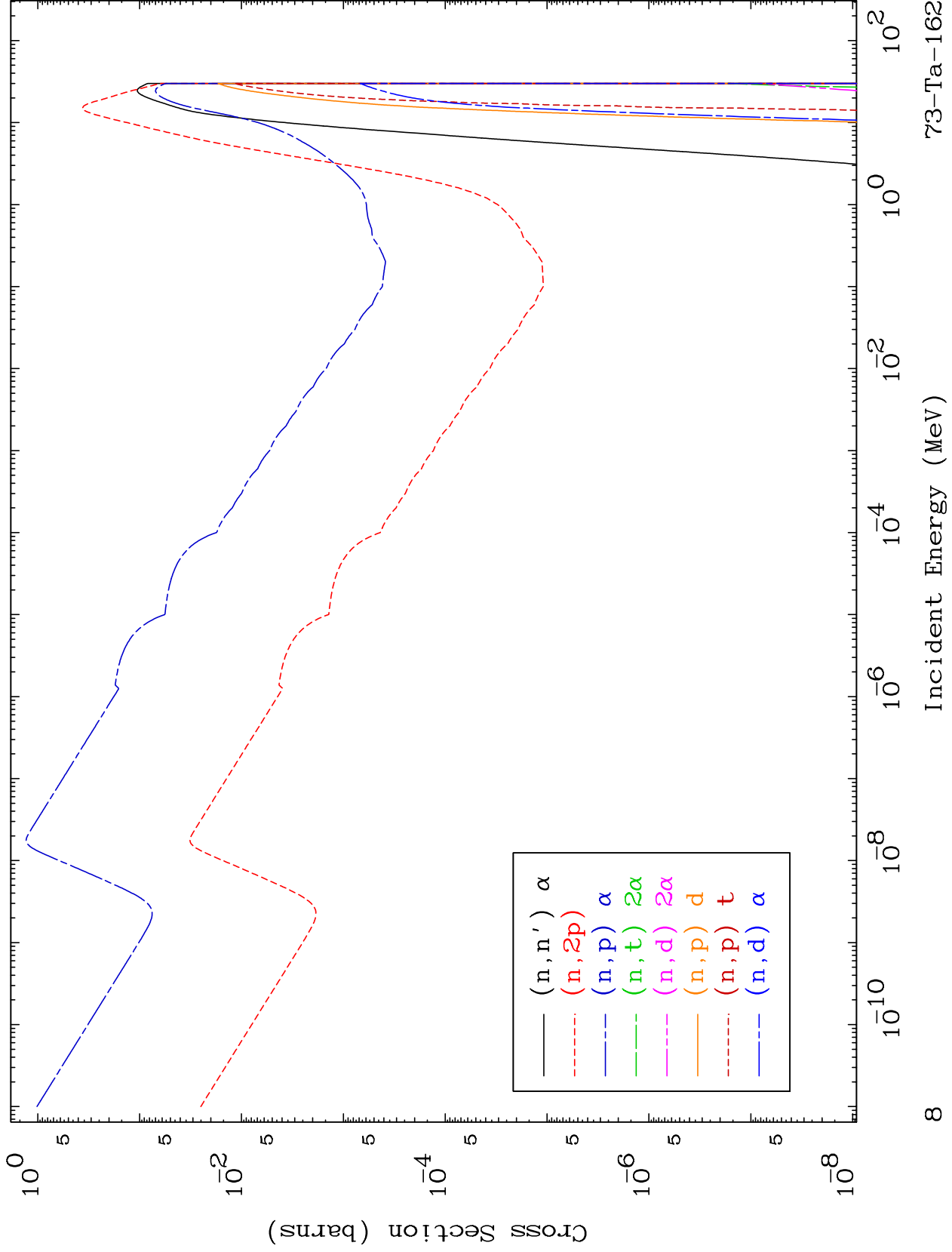
73-Ta-162



MAT 7271

Charged Particle
293 Kelvin Cross Sections

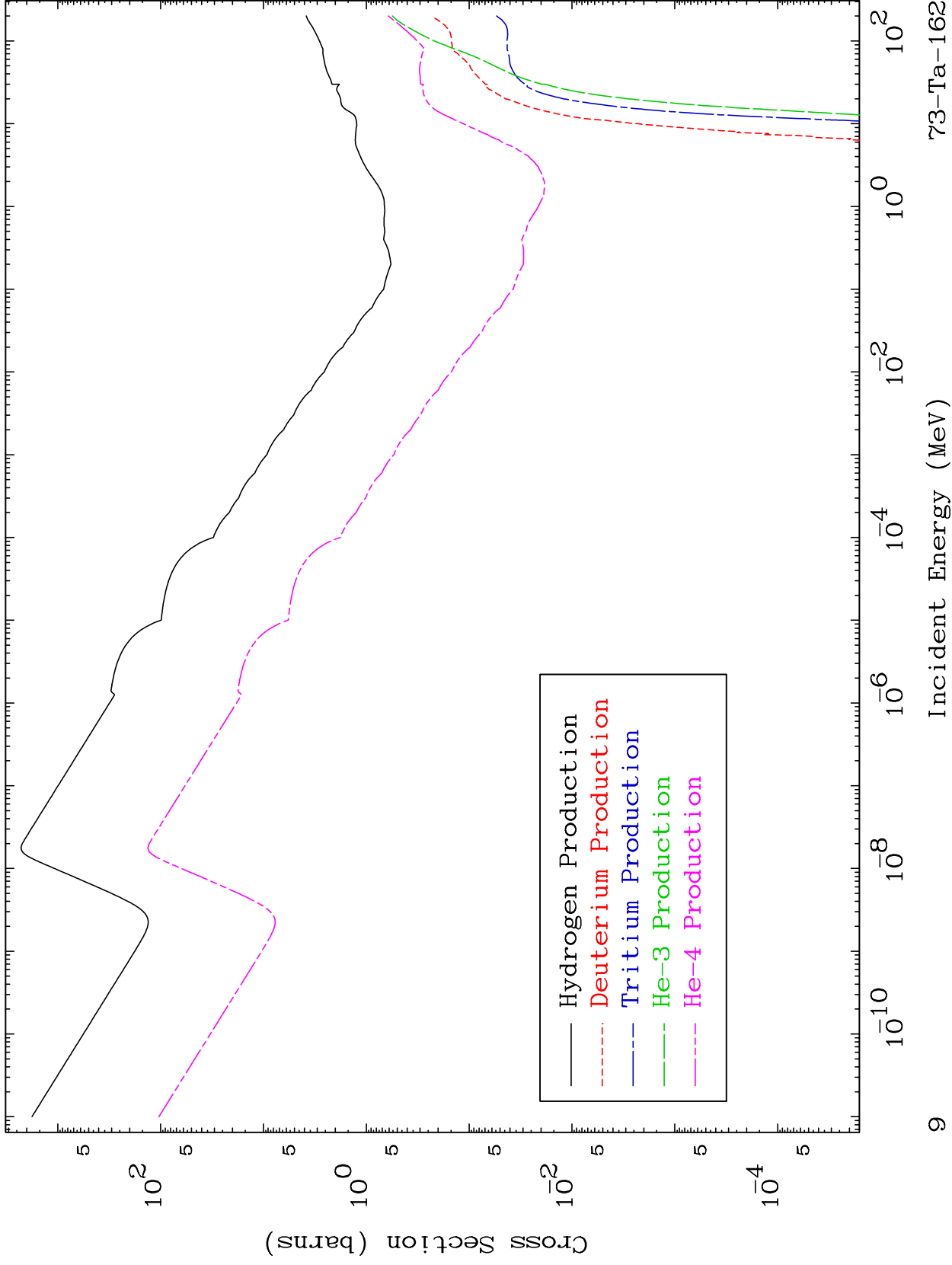
73-Ta-162



MAT 7271

Particle Production
293 Kelvin Cross Sections

73-Ta-162

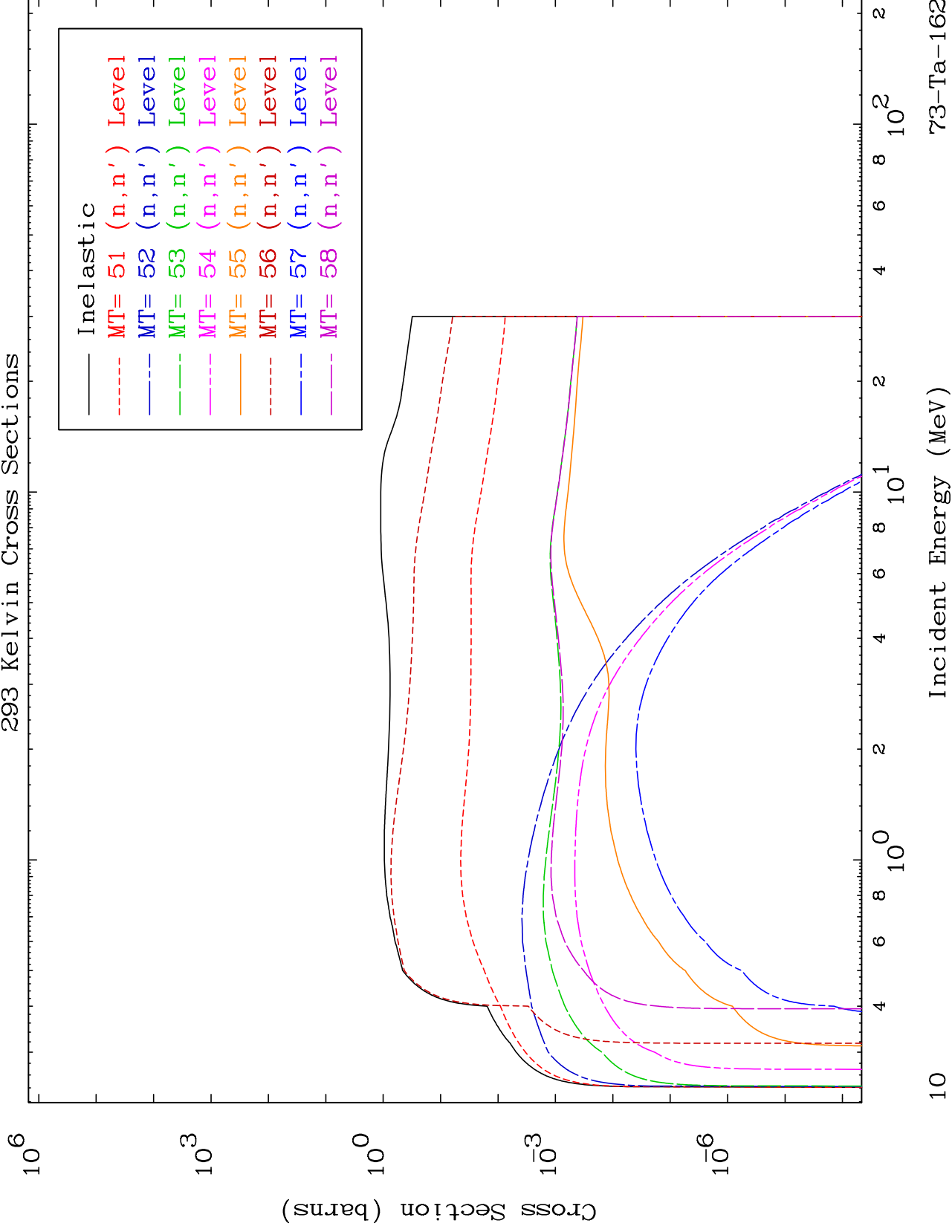


MAT 7271

(n,n') Levels

73-Ta-162

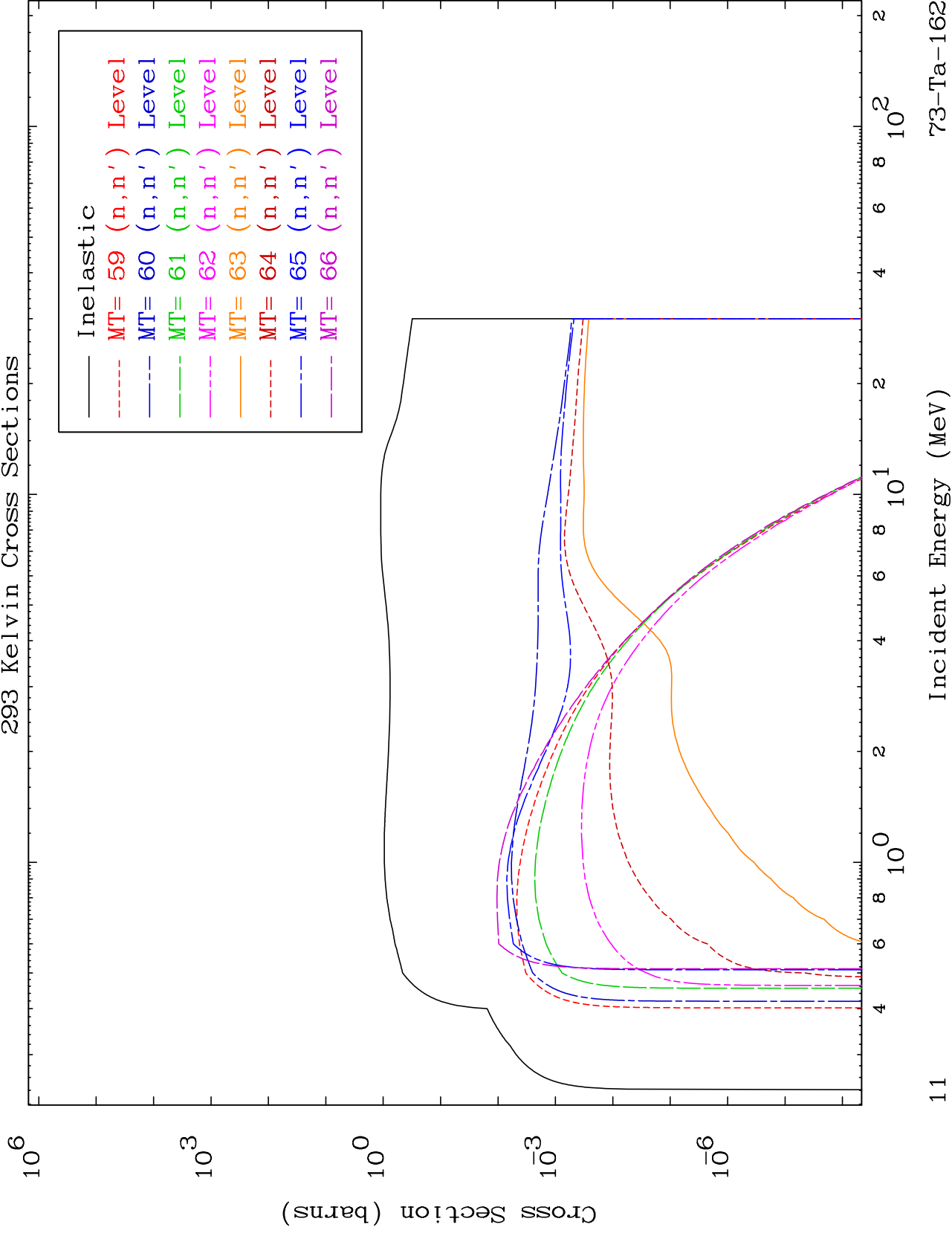
293 Kelvin Cross Sections

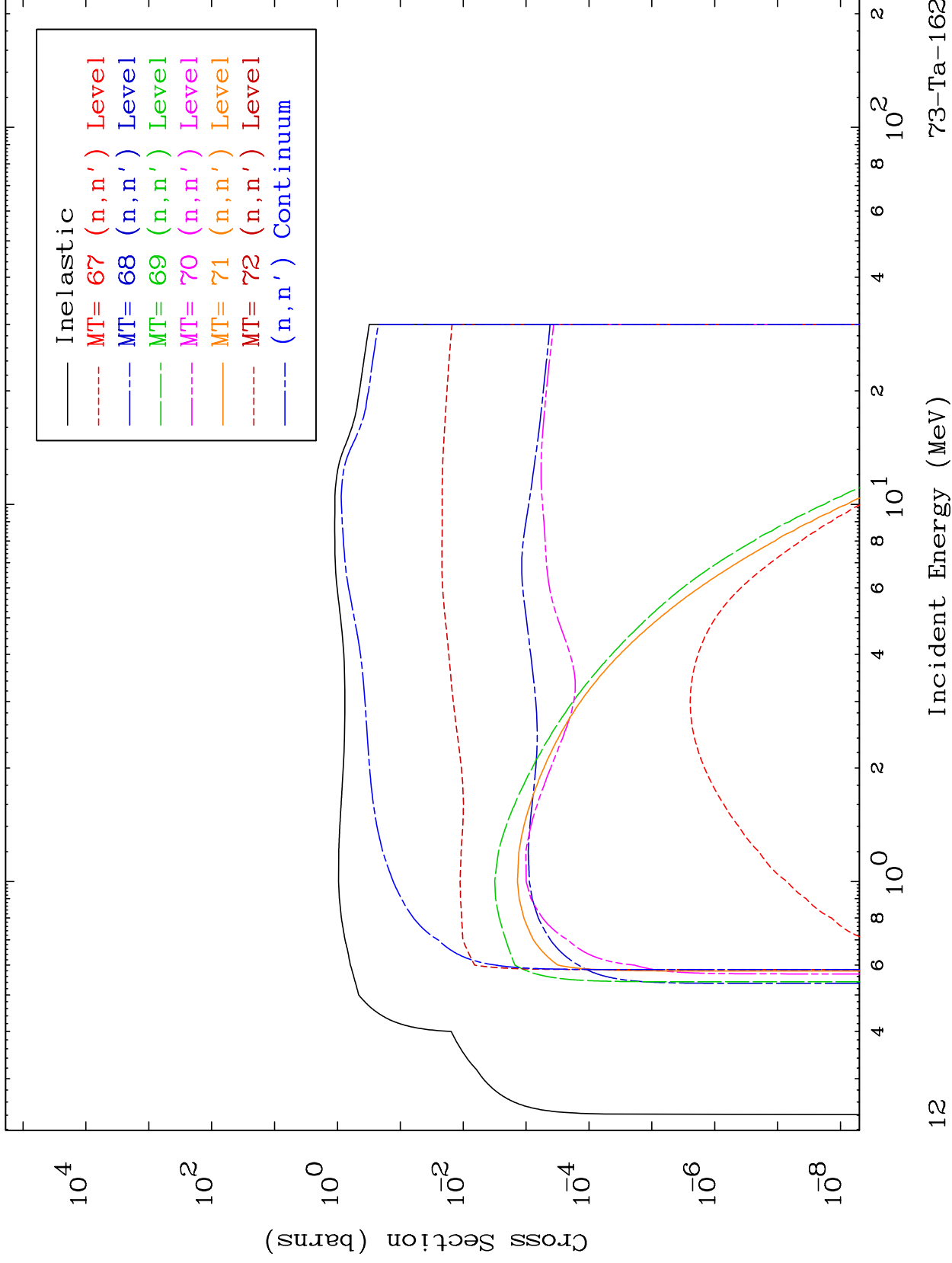


10

Incident Energy (MeV)

73-Ta-162

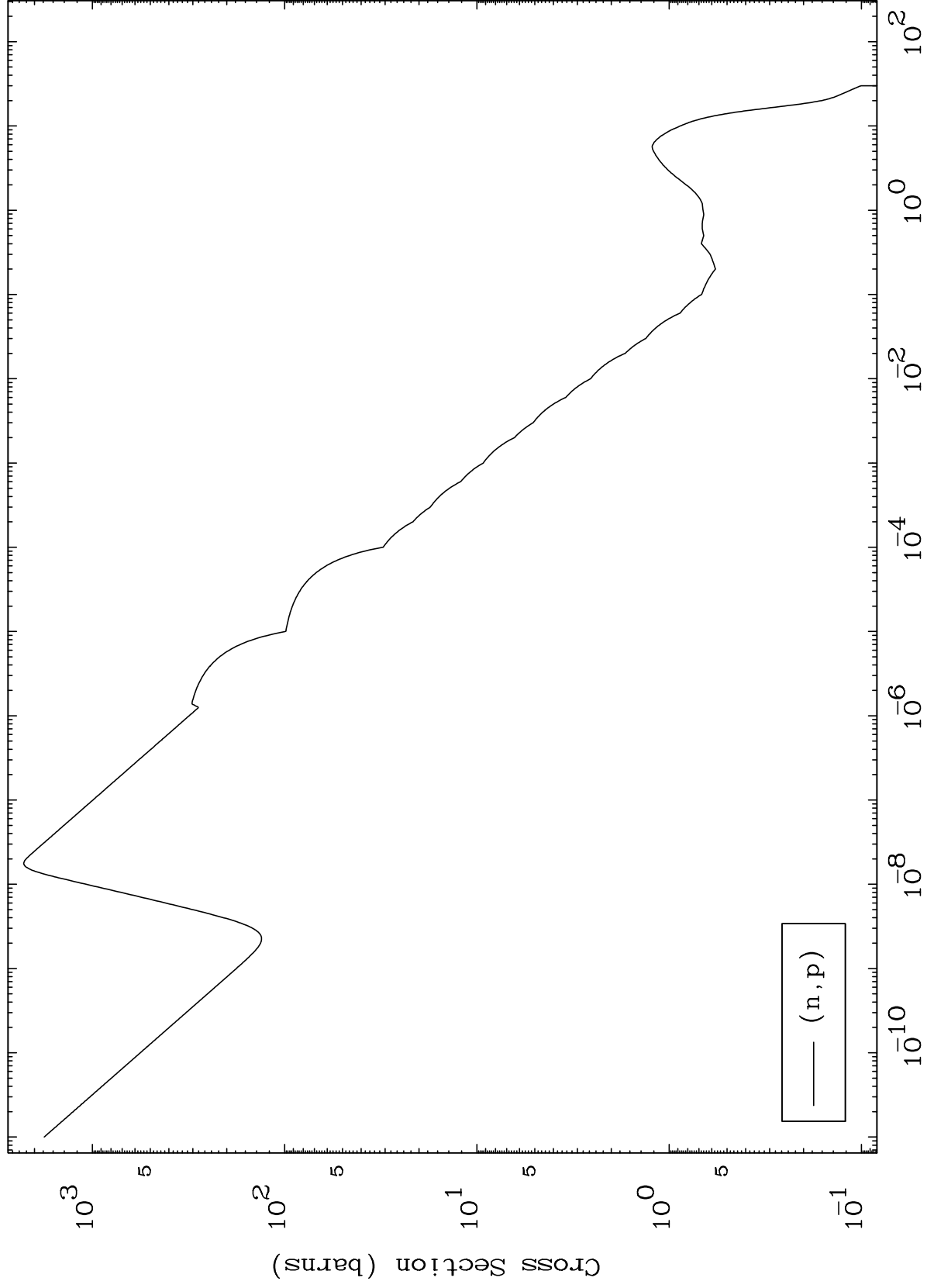




MAT 7271

(n,p) Levels
293 Kelvin Cross Sections

73-Ta-162



13

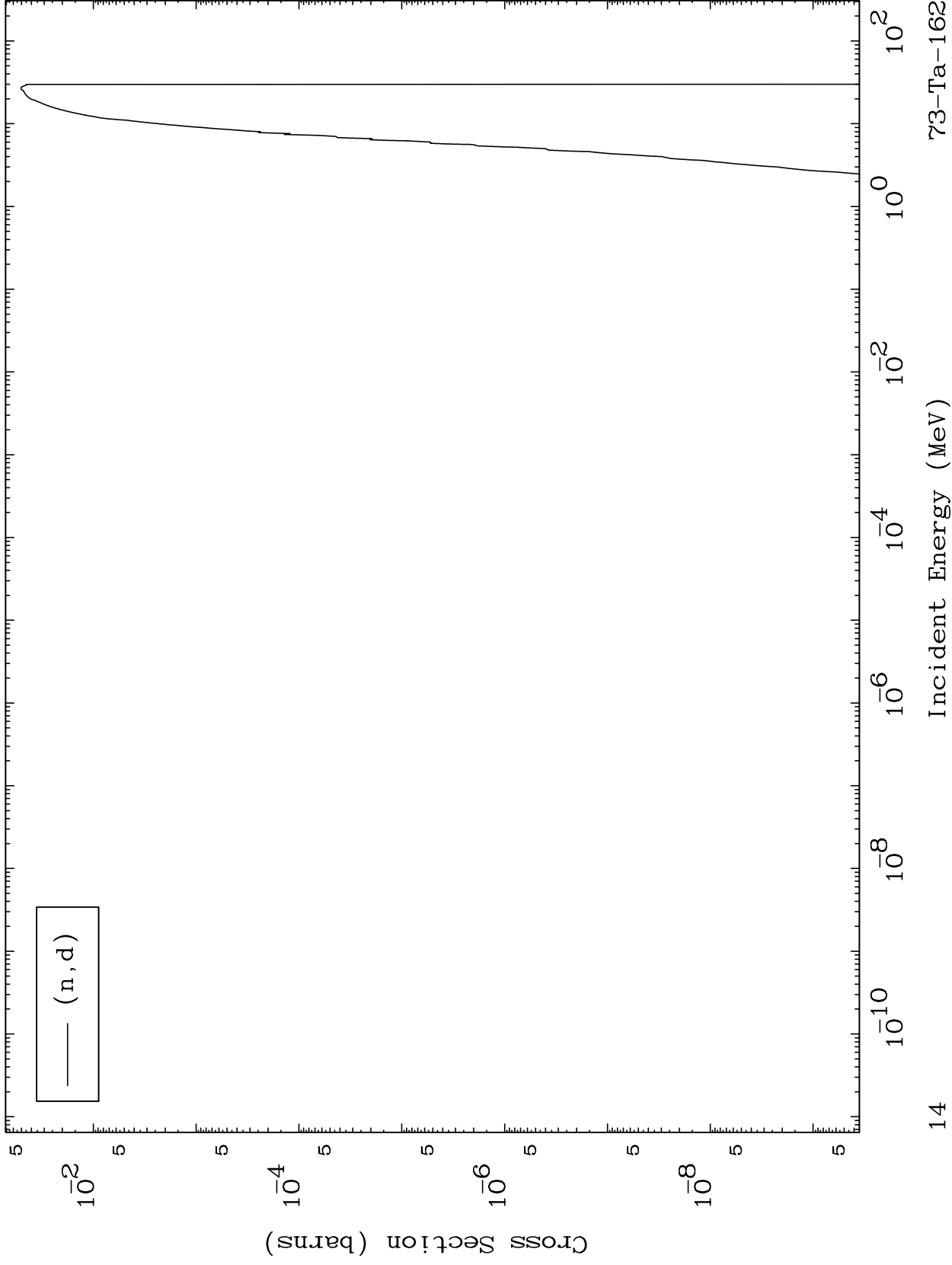
Incident Energy (MeV)

73-Ta-162

MAT 7271

(n,d) Levels
293 Kelvin Cross Sections

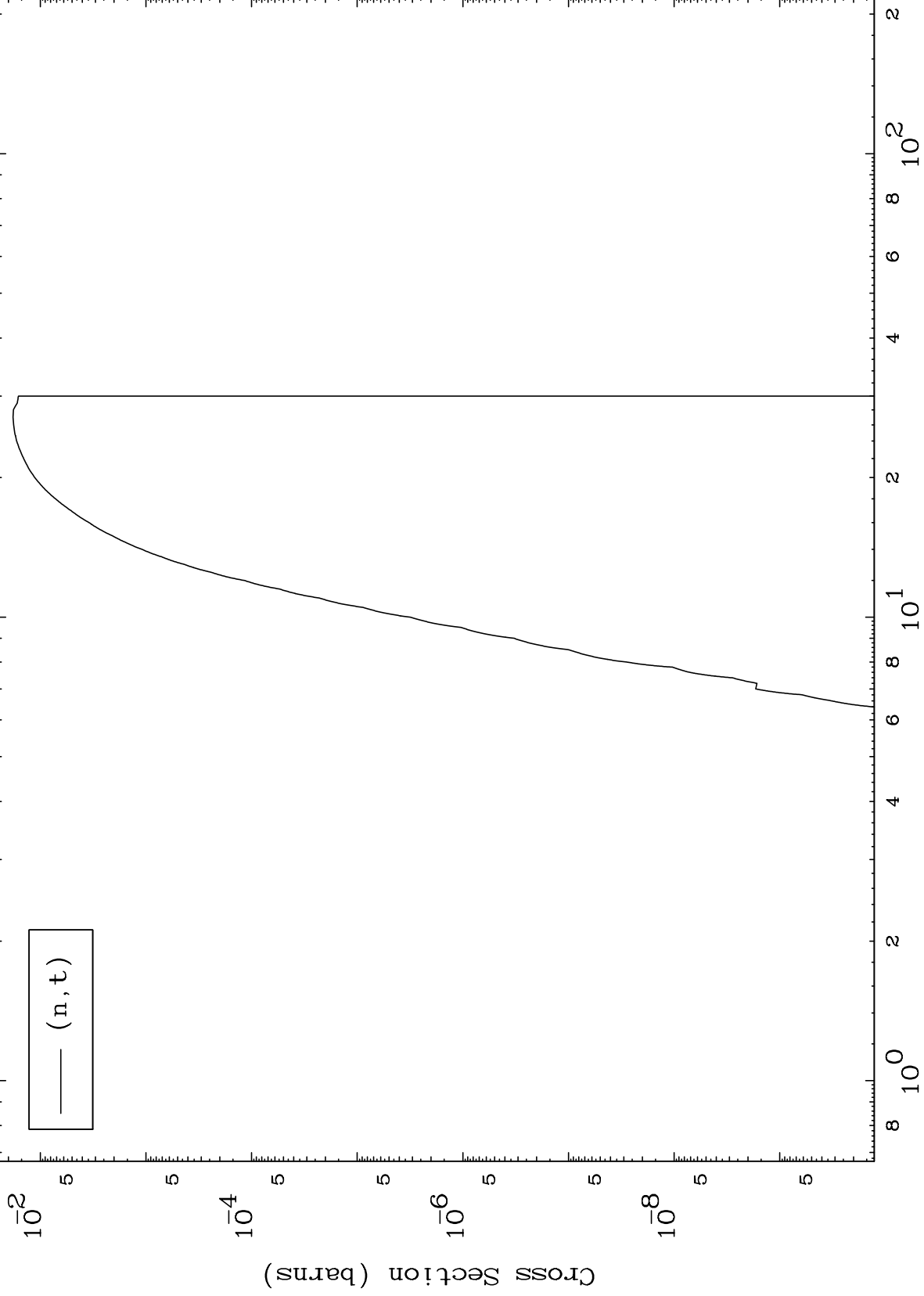
73-Ta-162



MAT 7271

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-162



15

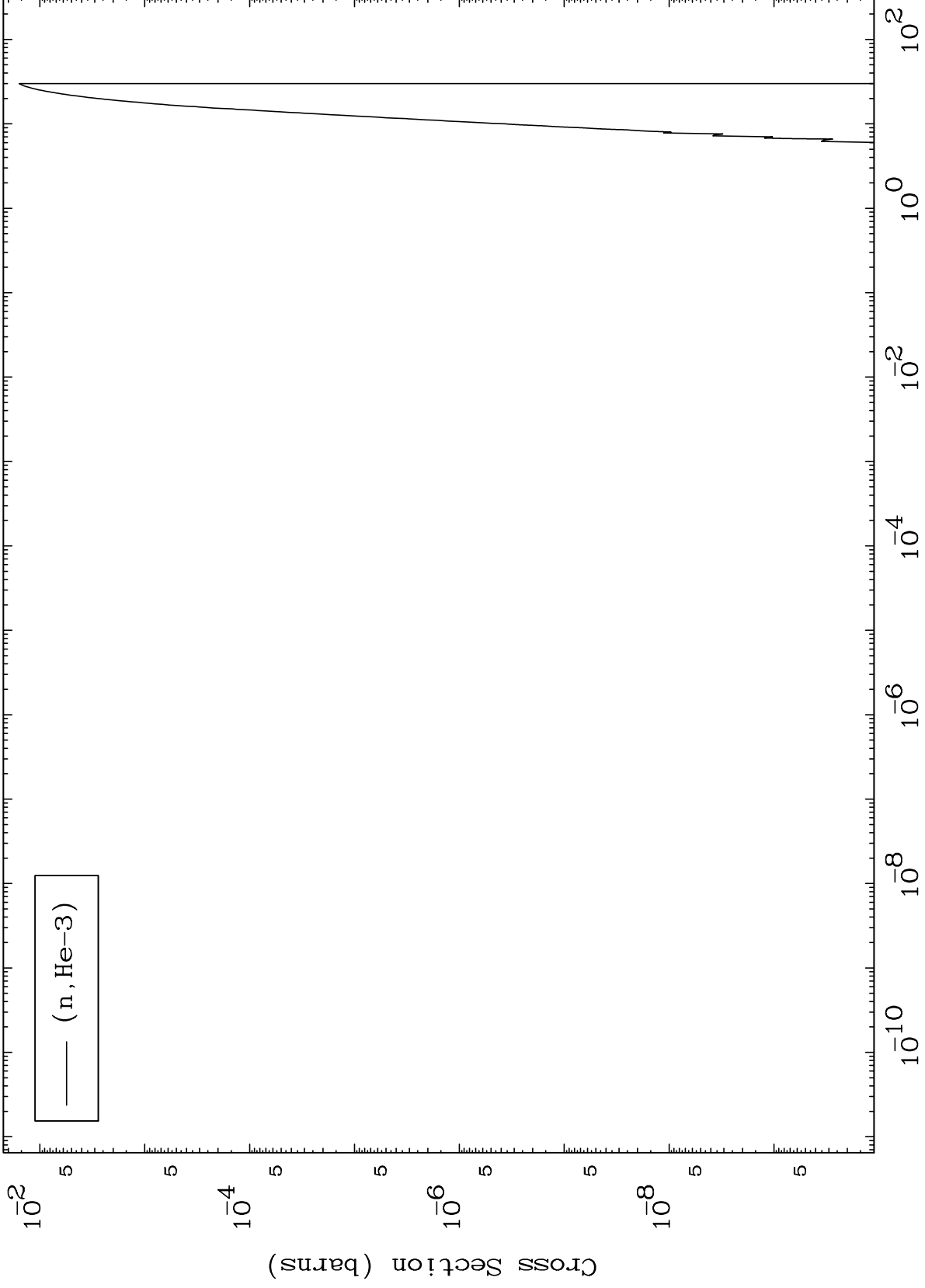
Incident Energy (MeV)

73-Ta-162

MAT 7271

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-162



16

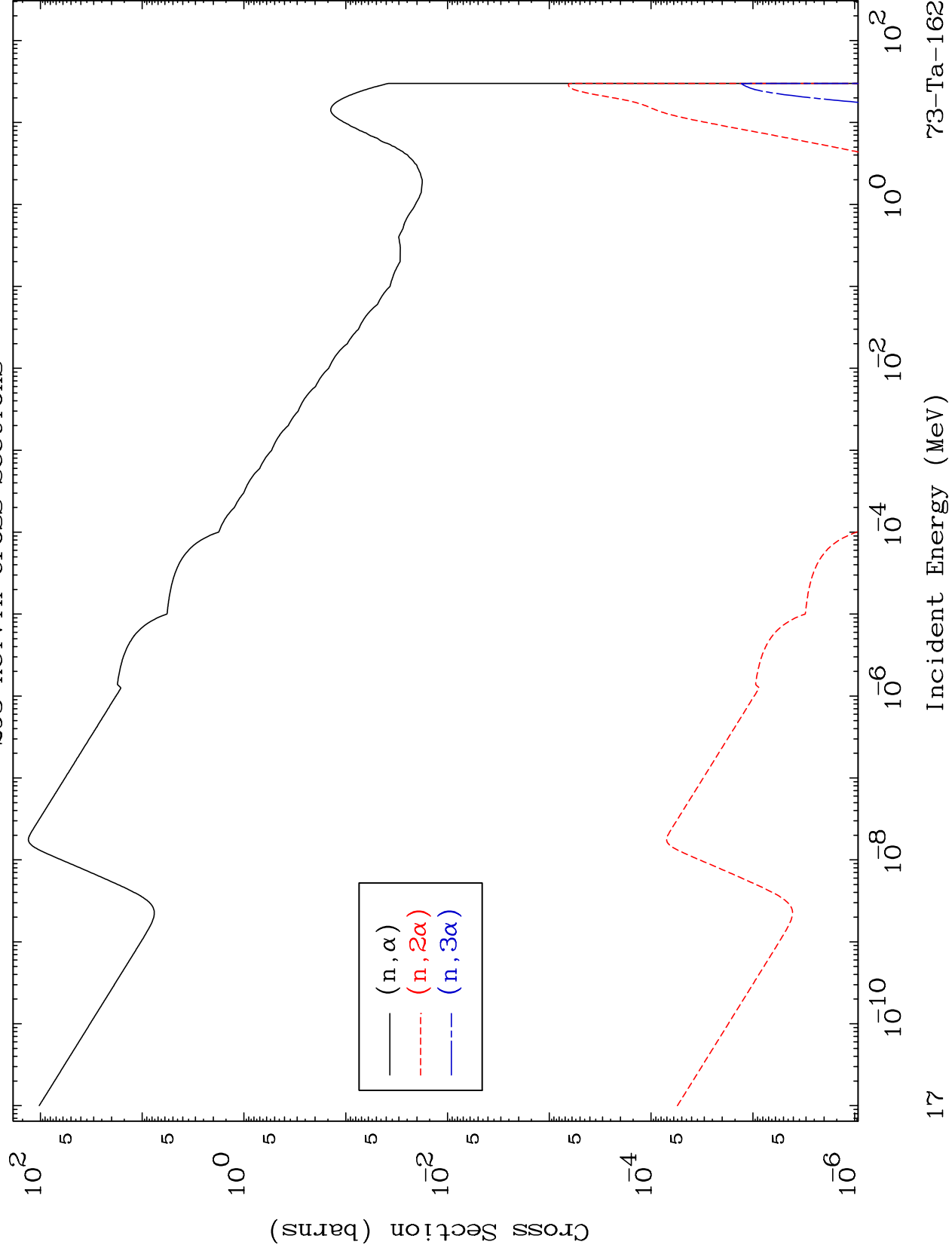
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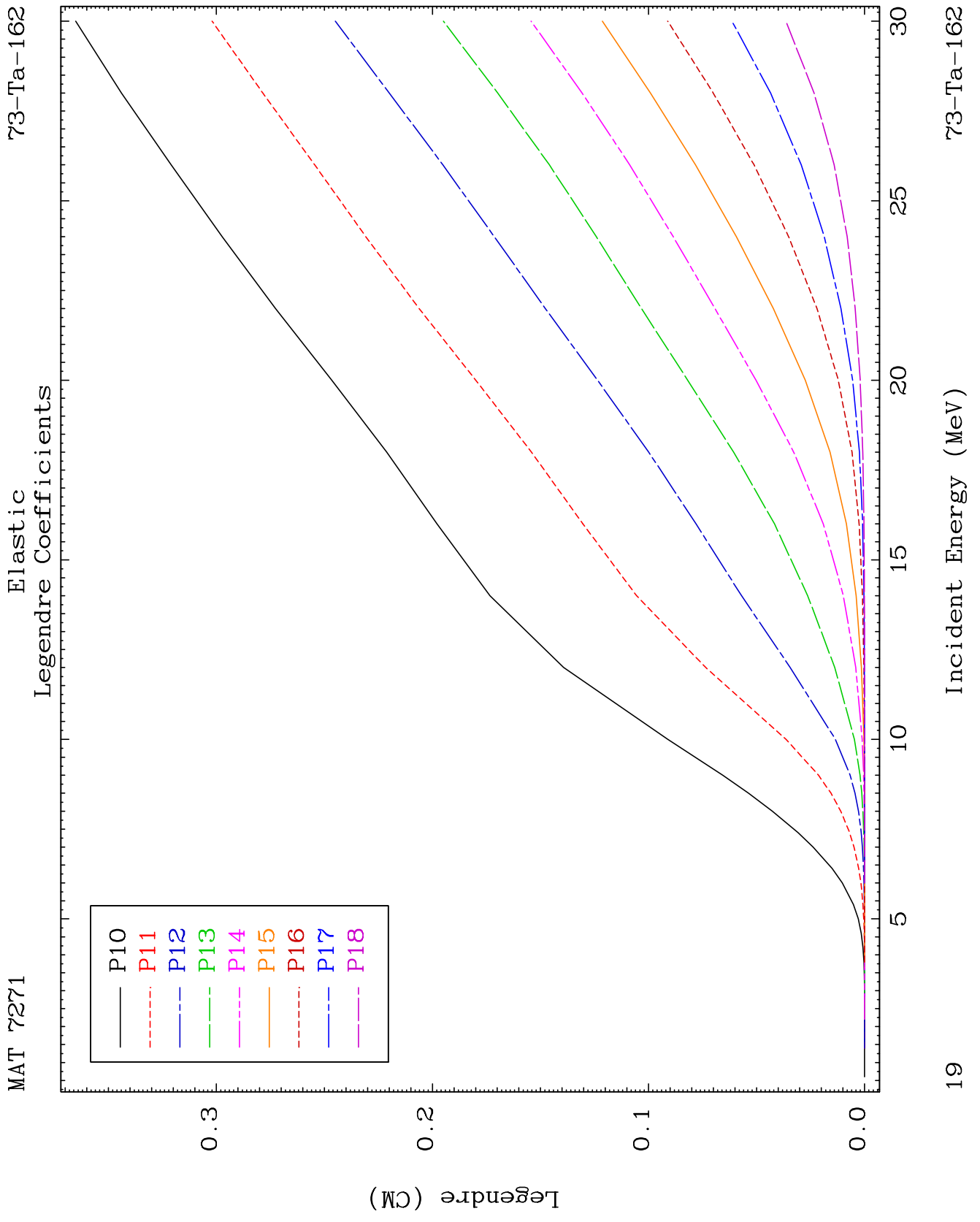
73-Ta-162

MAT 7271

(n, α) Levels
293 Kelvin Cross Sections

73-Ta-162

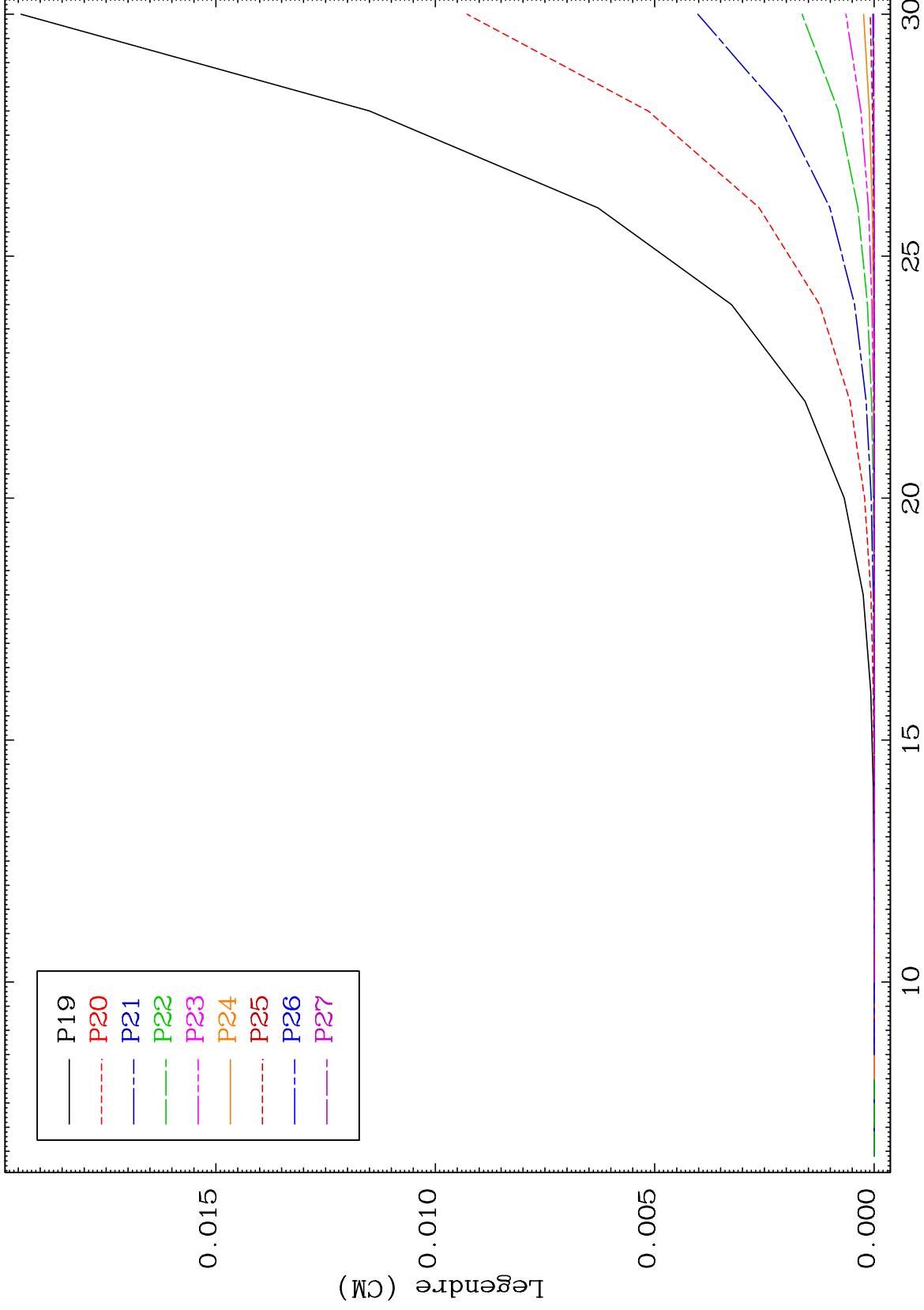




MAT 7271

Elastic
Legendre Coefficients

73-Ta-162



20

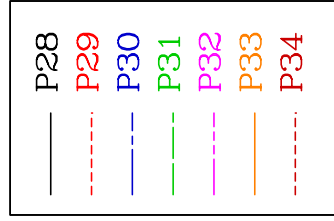
Incident Energy (MeV)

73-Ta-162

MAT 7271

Elastic Legendre Coefficients

⁷³Ta-162



$\times 10^{-6}$

Legendre (CM)

10

15

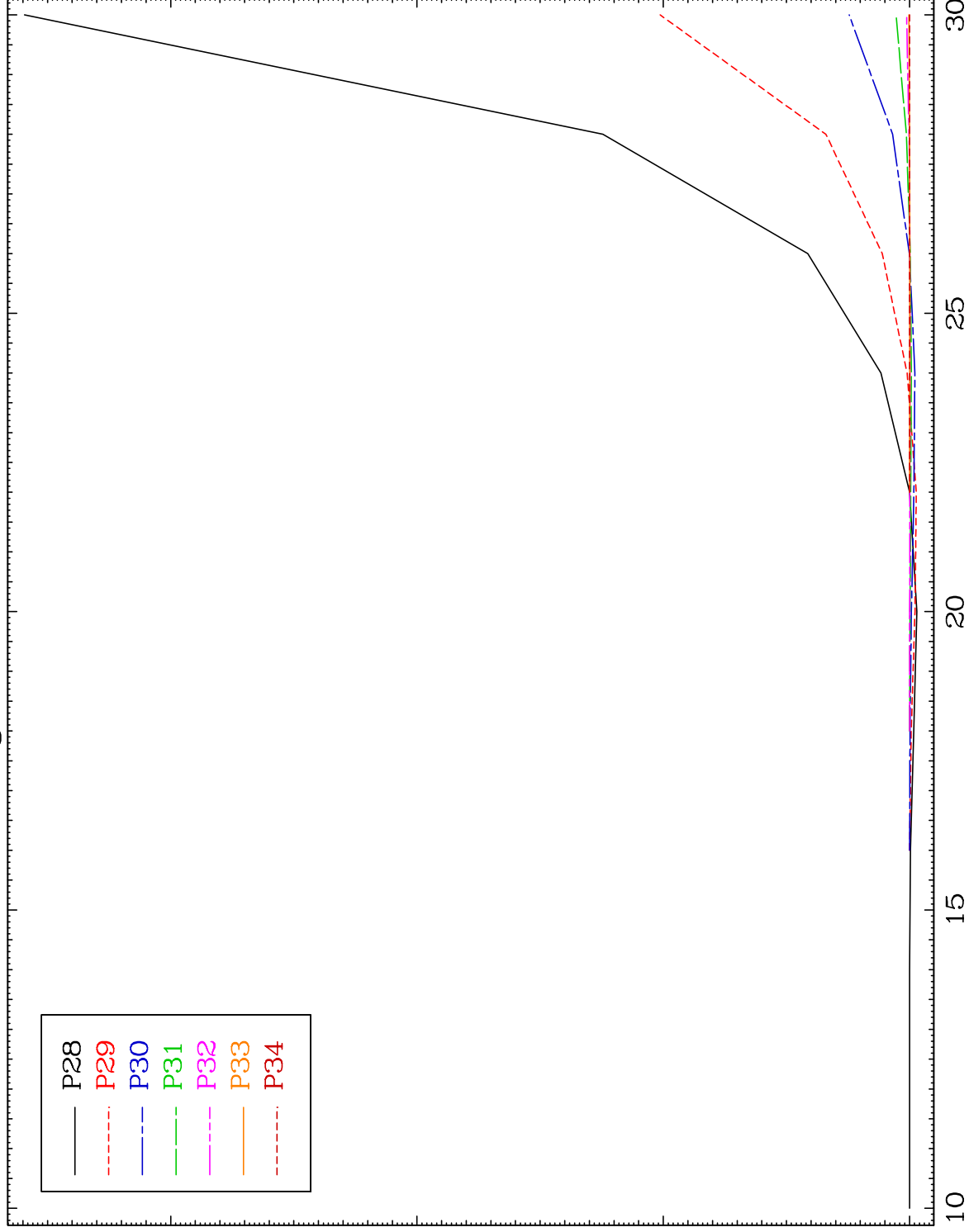
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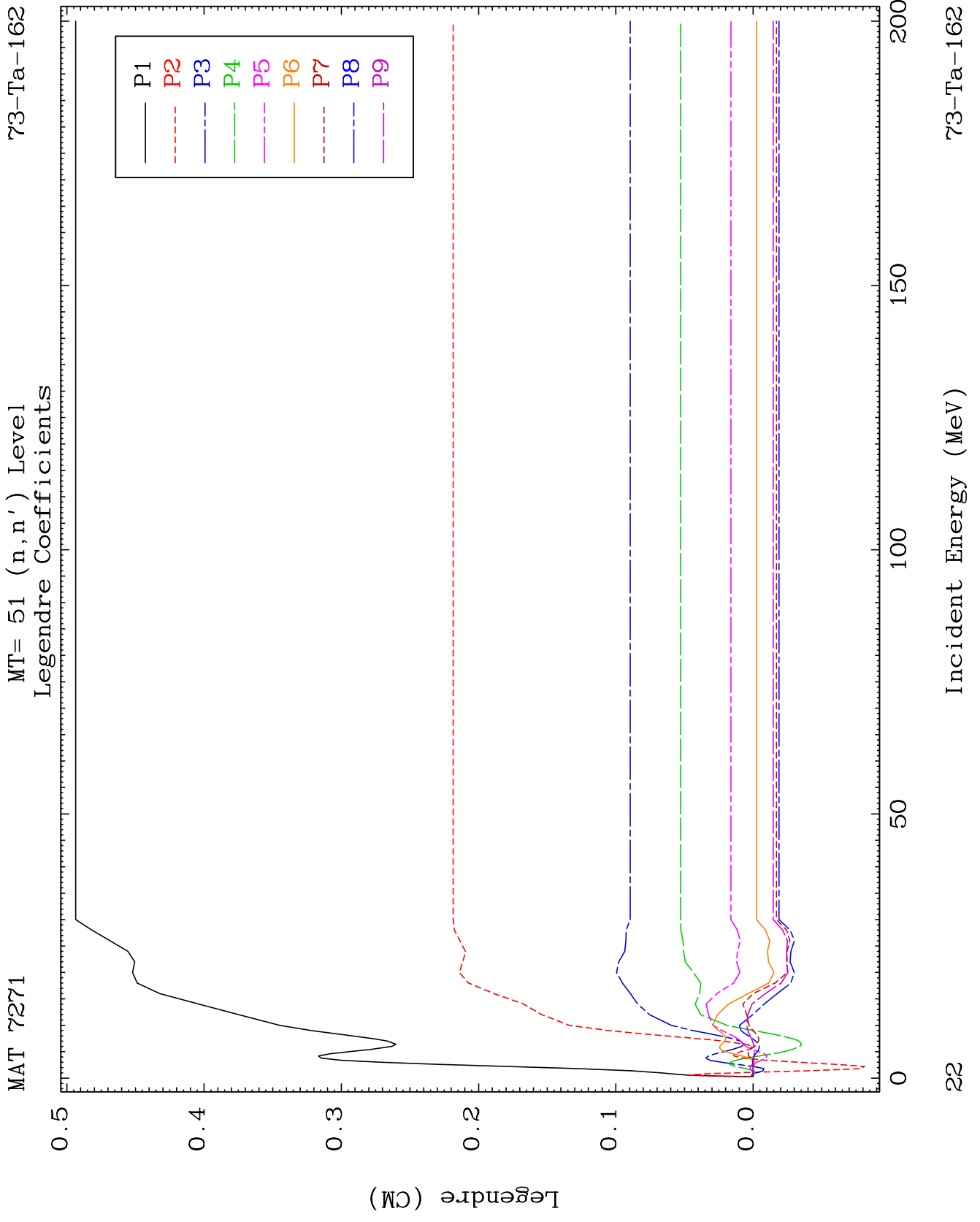
25

30

Incident Energy (MeV)

⁷³Ta-162

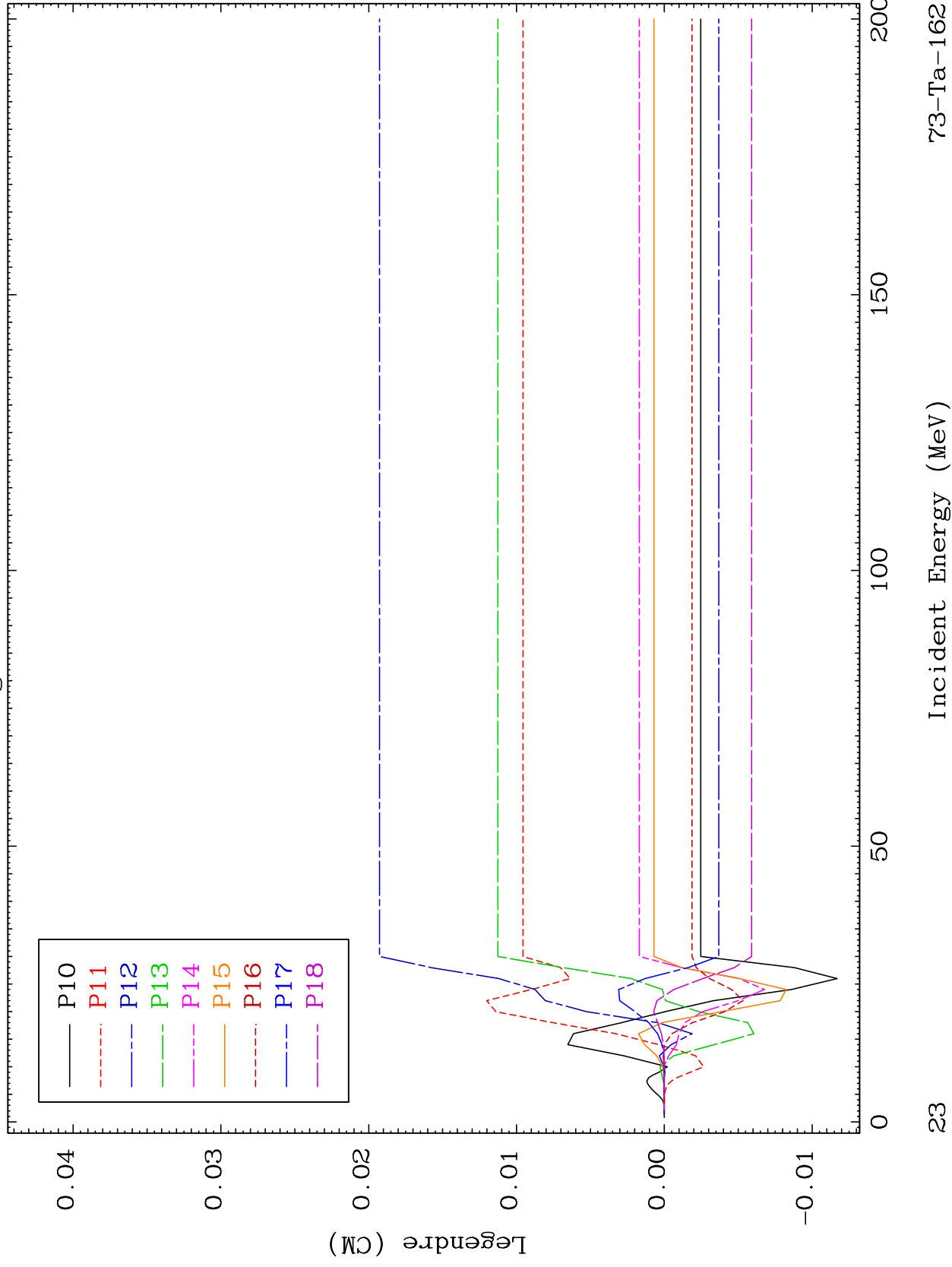




MAT 7271

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

73-Ta-162



23

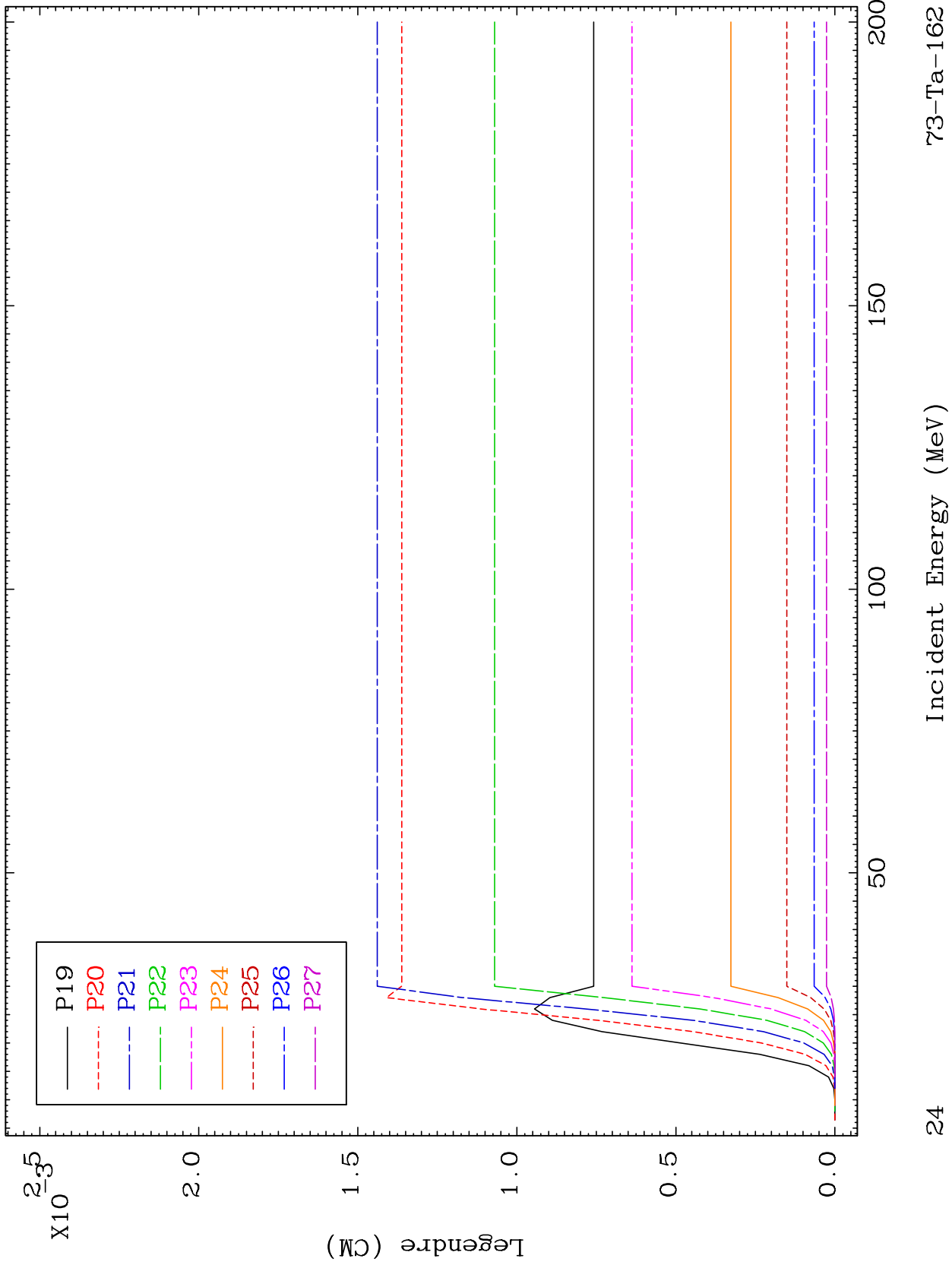
Incident Energy (MeV)

73-Ta-162

MAT 7271

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

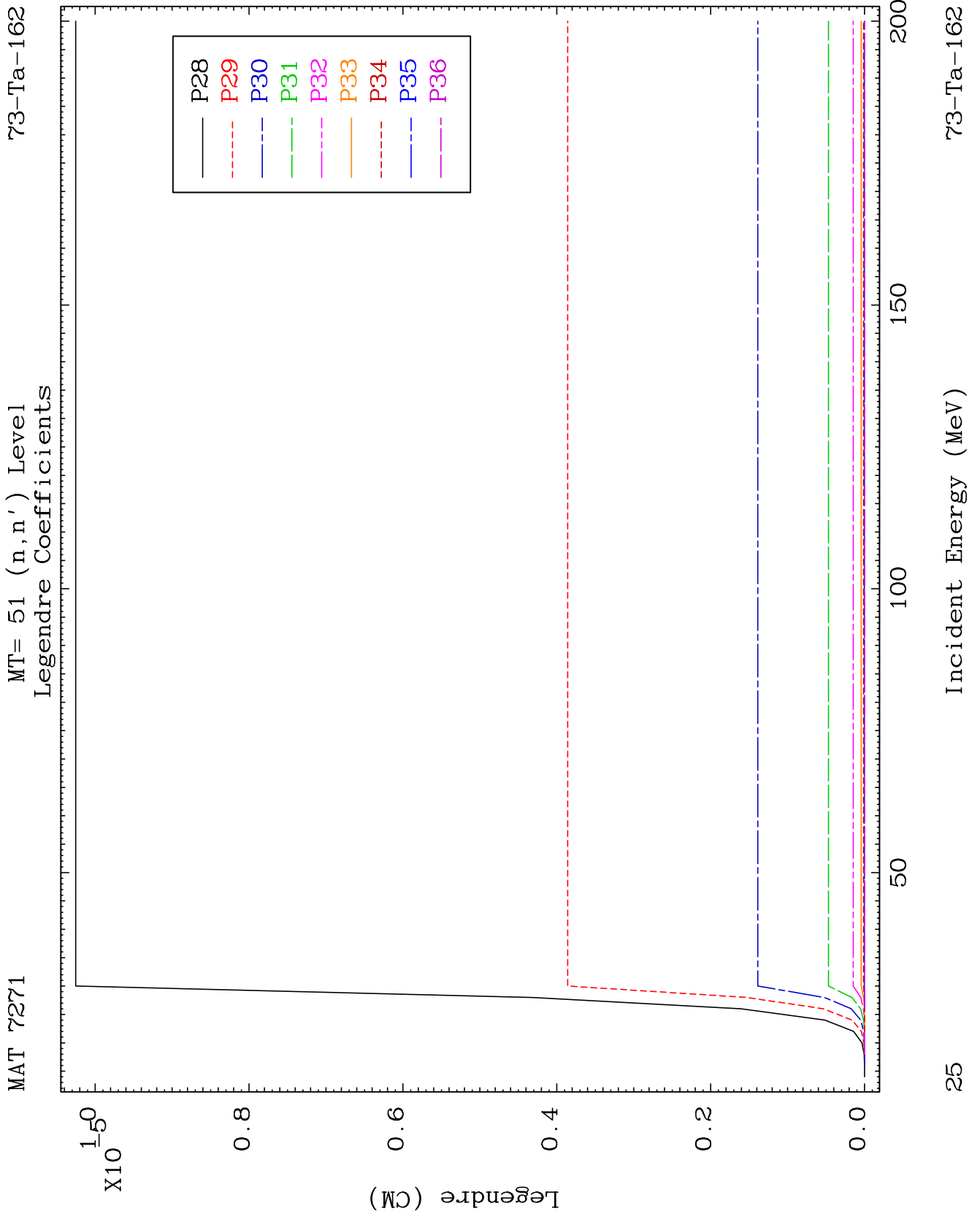
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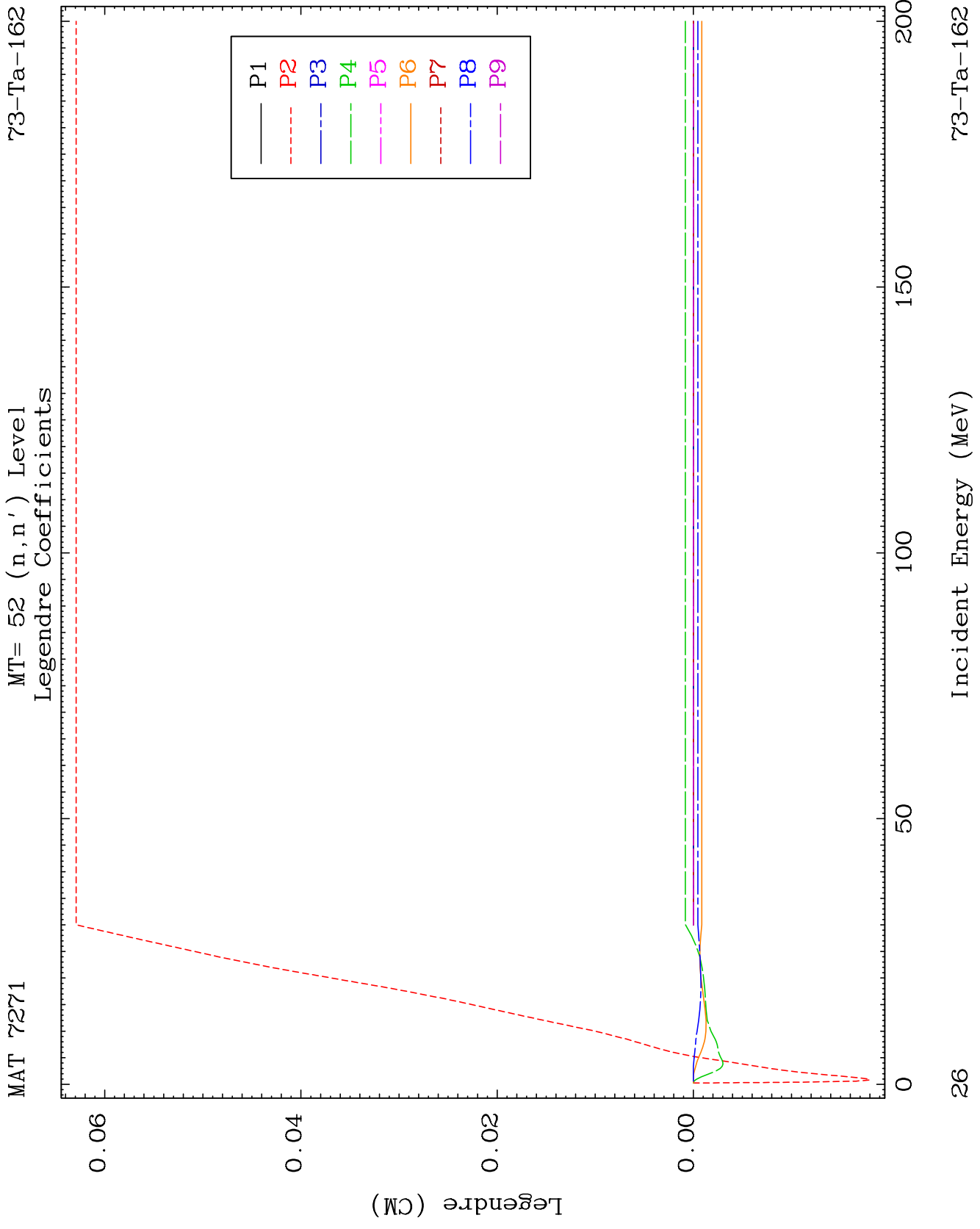


24

Incident Energy (MeV)

73-Ta-162

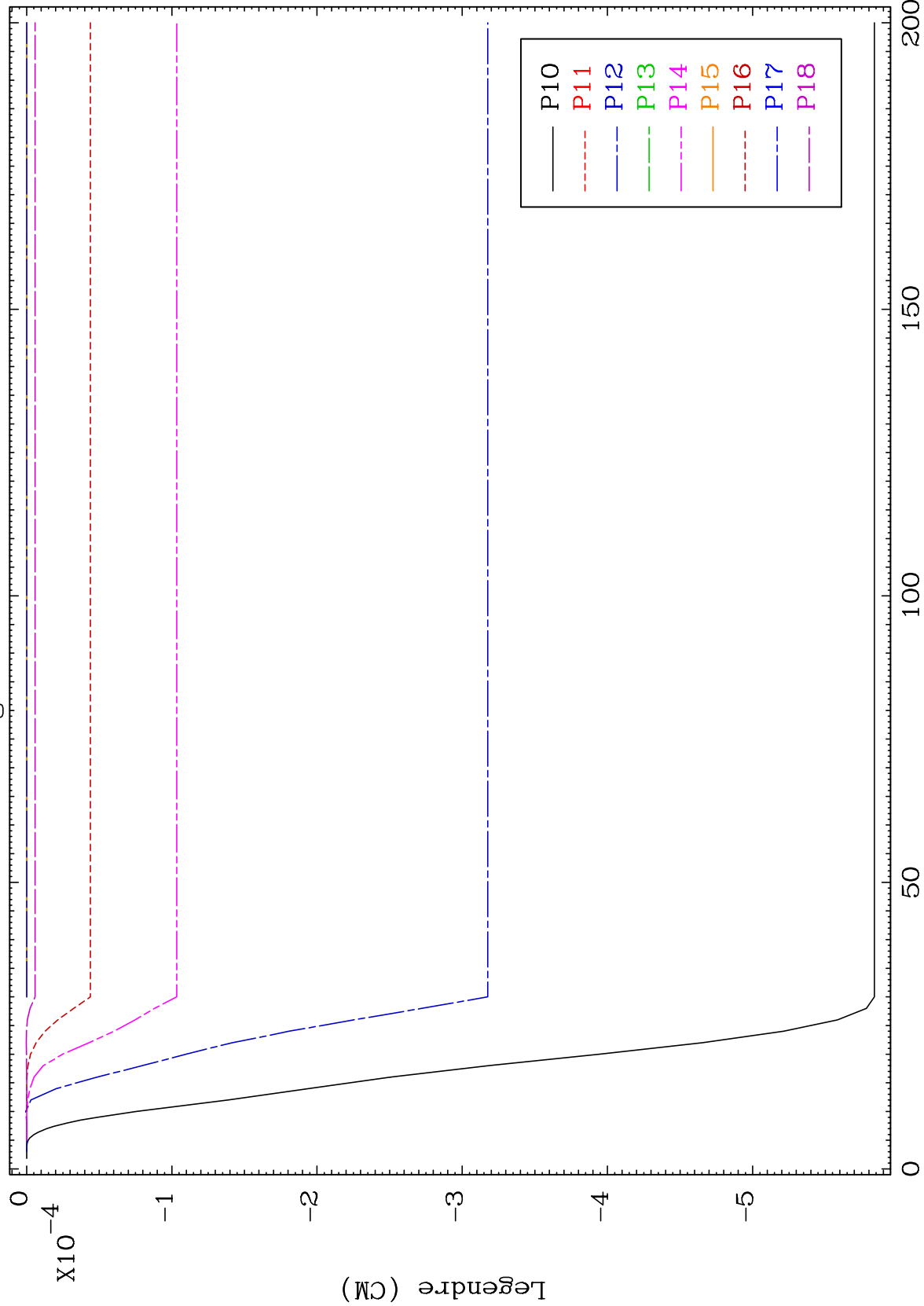




MAT 7271

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

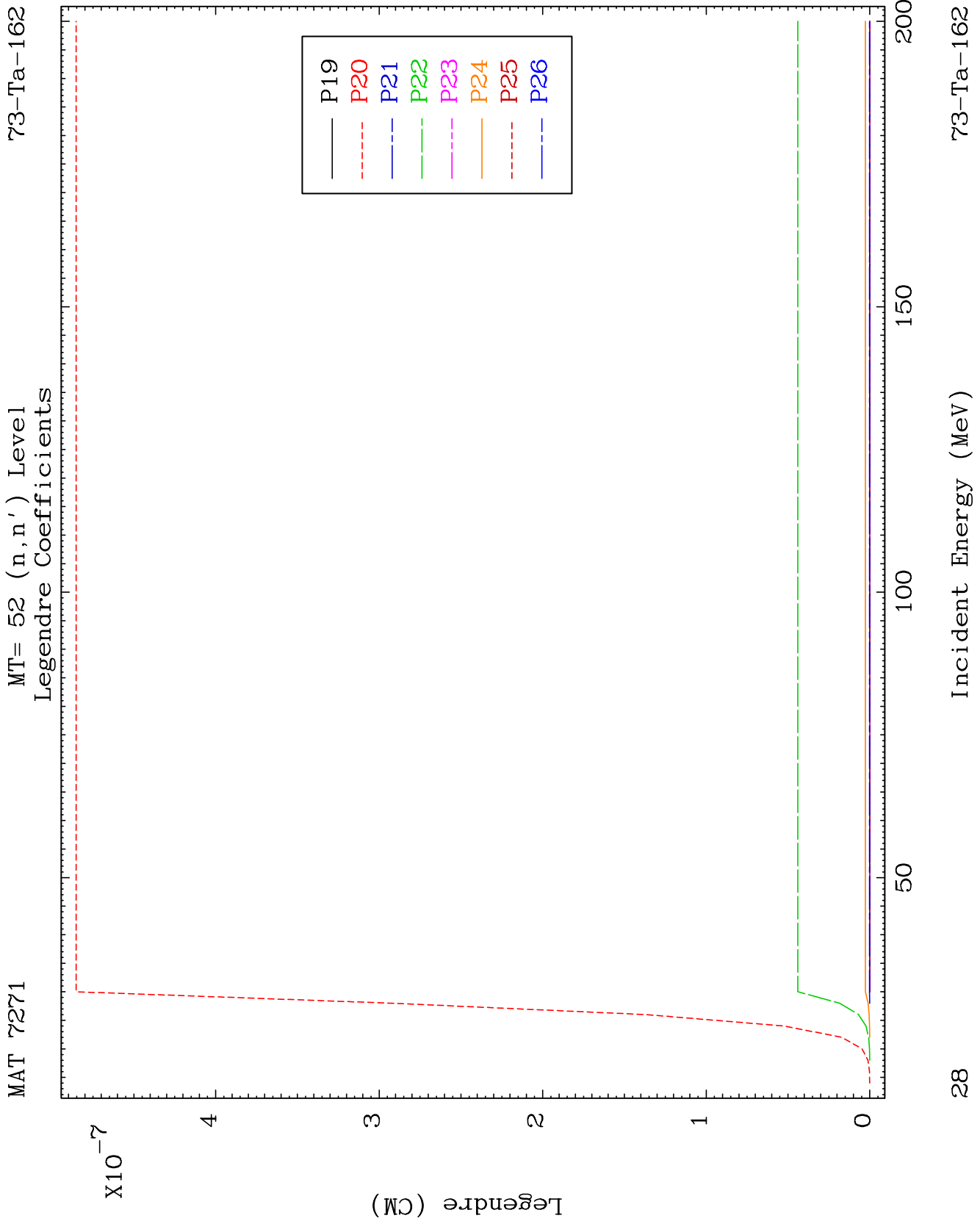
73-Ta-162



73-Ta-162

Incident Energy (MeV)

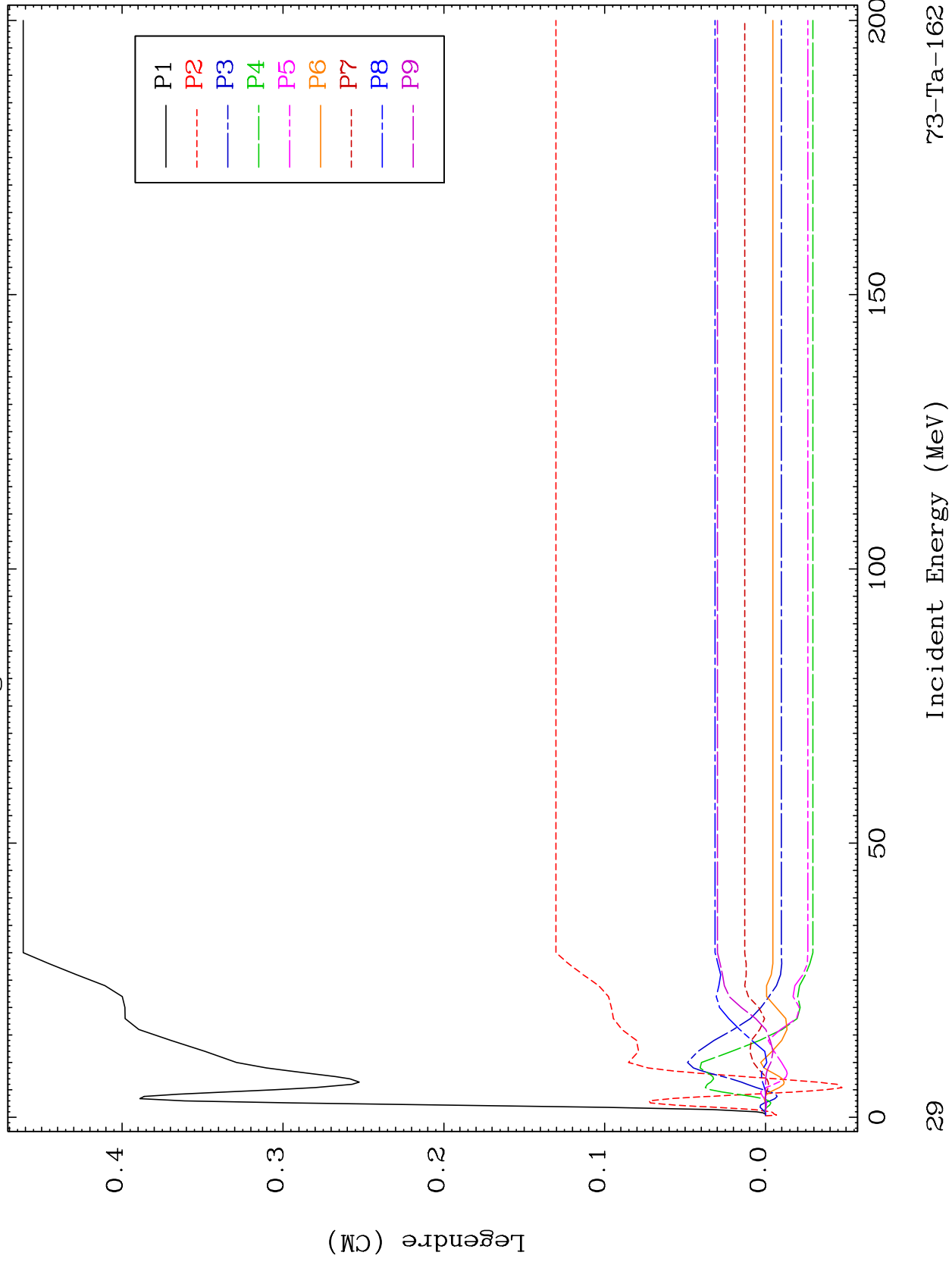
27



MAT 7271

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

73-Ta-162



73-Ta-162

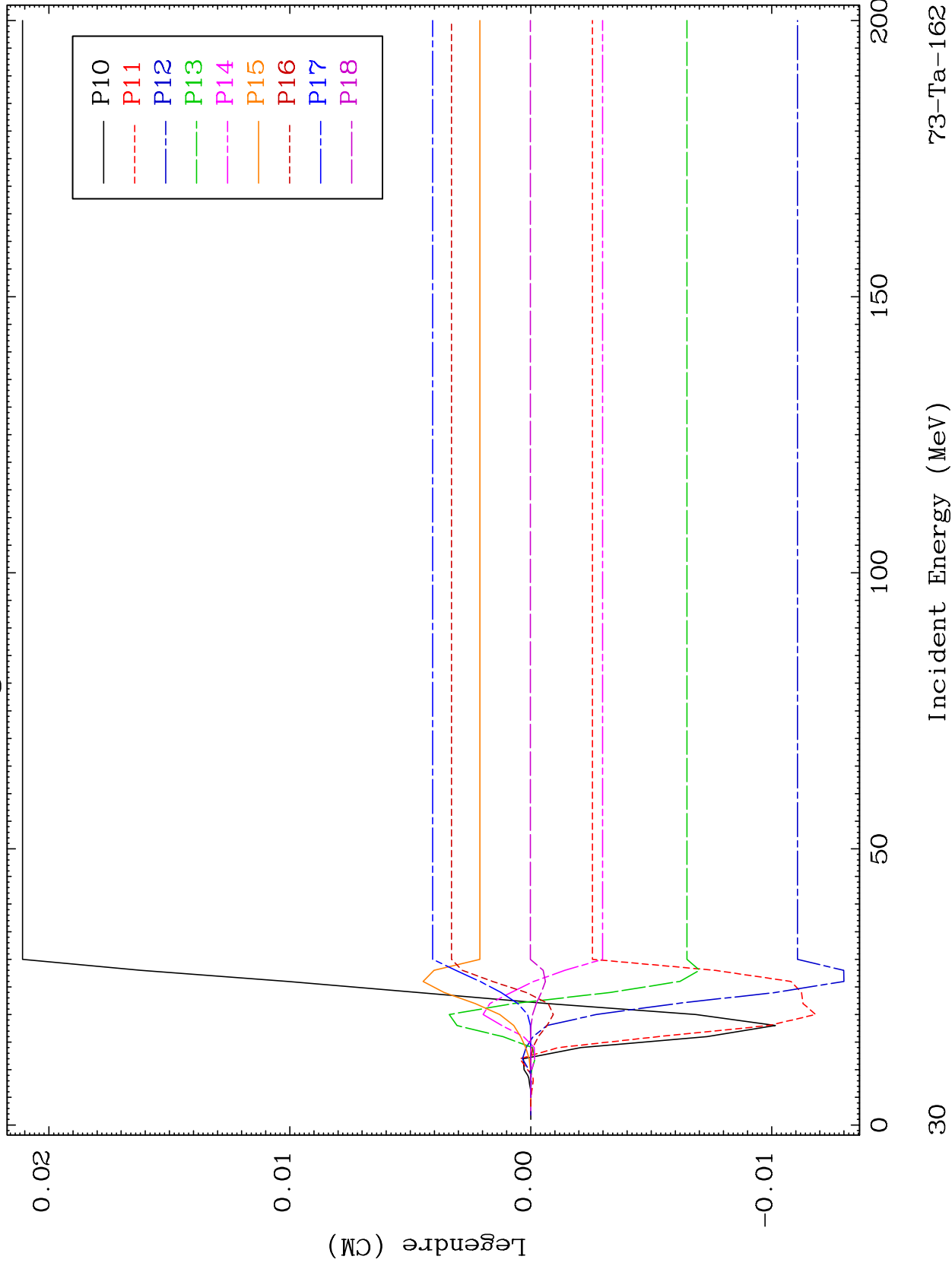
Incident Energy (MeV)

29

MAT 7271

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

73-Ta-162



73-Ta-162

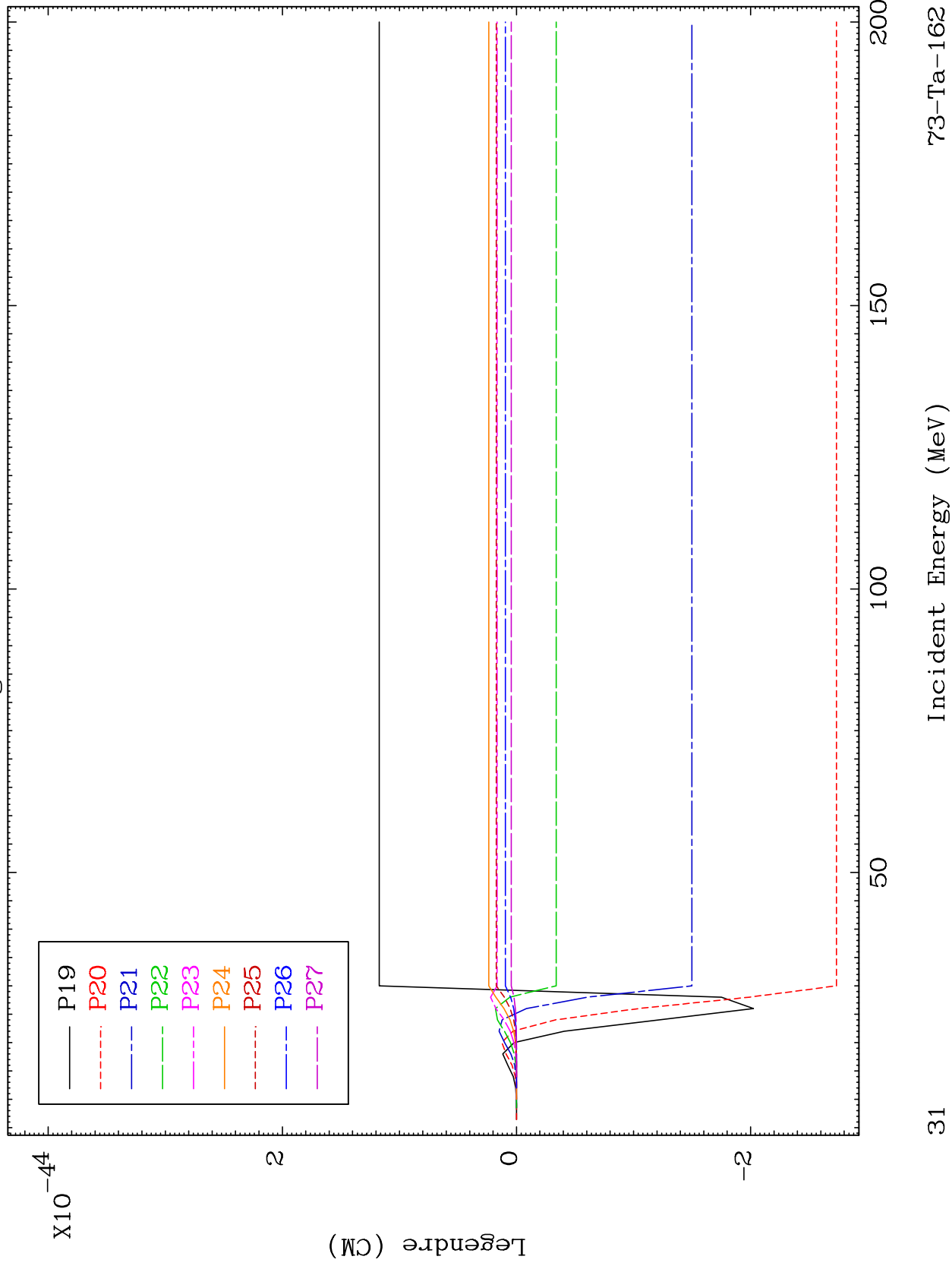
Incident Energy (MeV)

30

MAT 7271

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

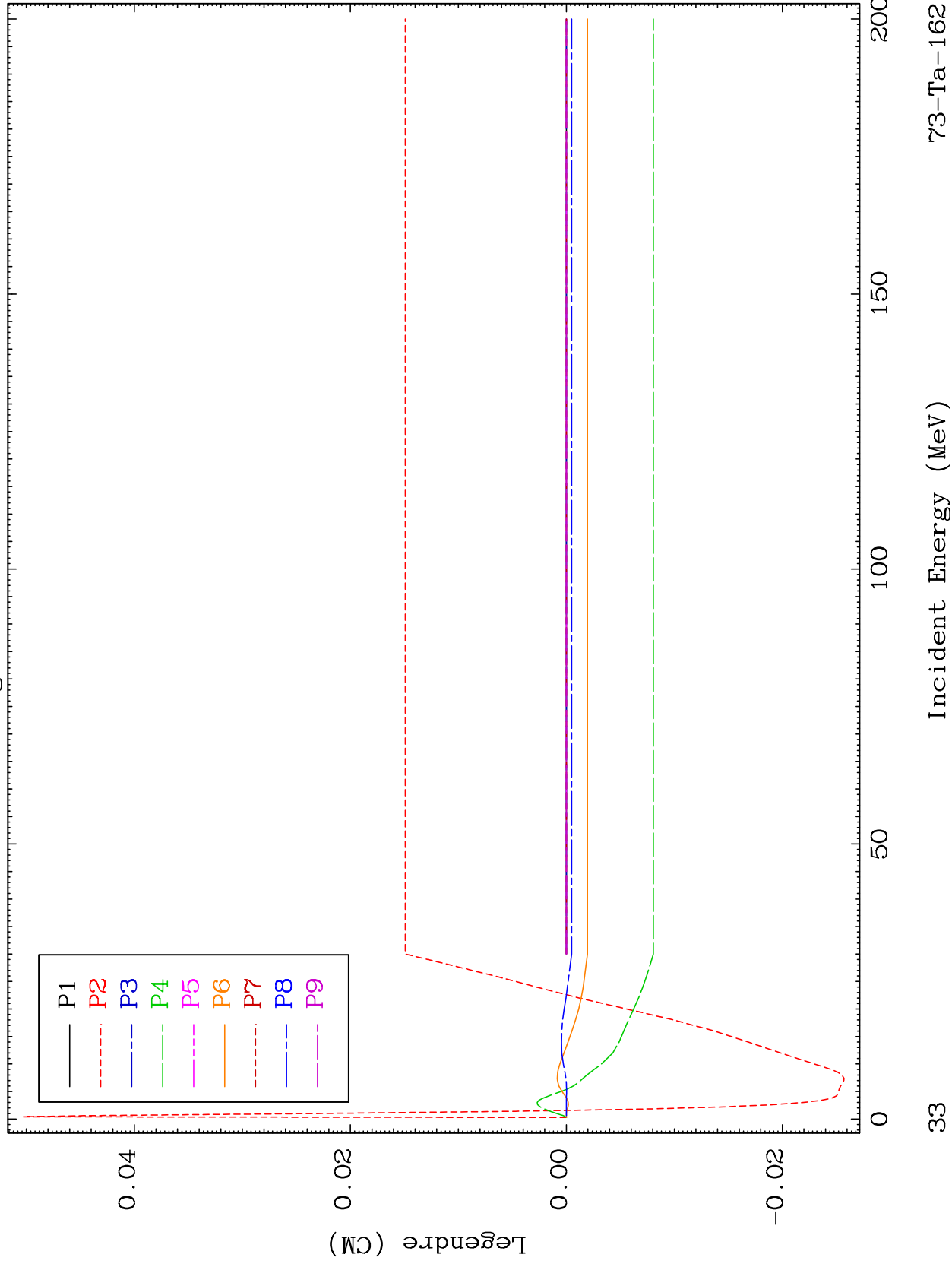
73-Ta-162



MAT 7271

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

73-Ta-162



73-Ta-162

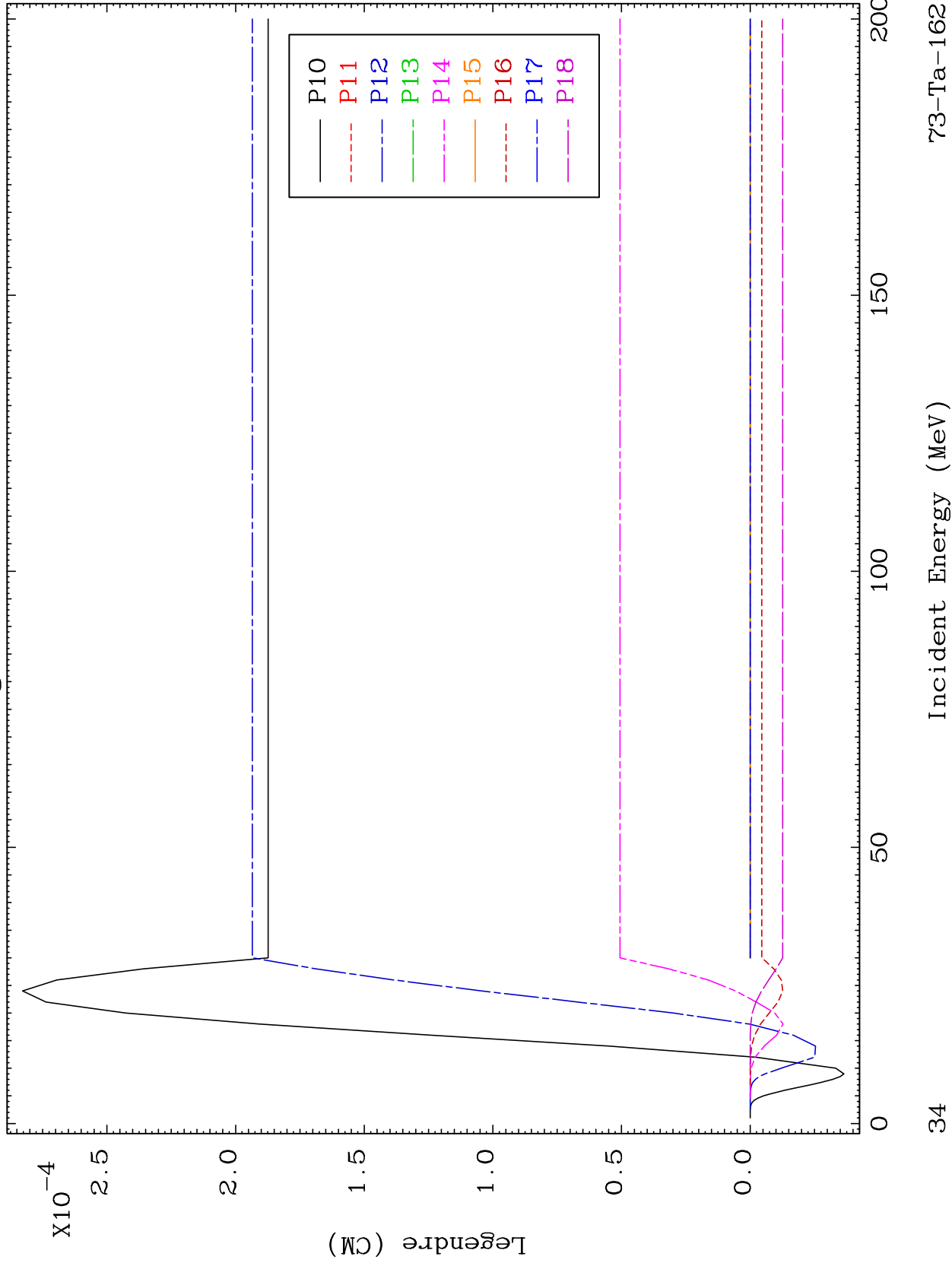
Incident Energy (MeV)

33

MAT 7271

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

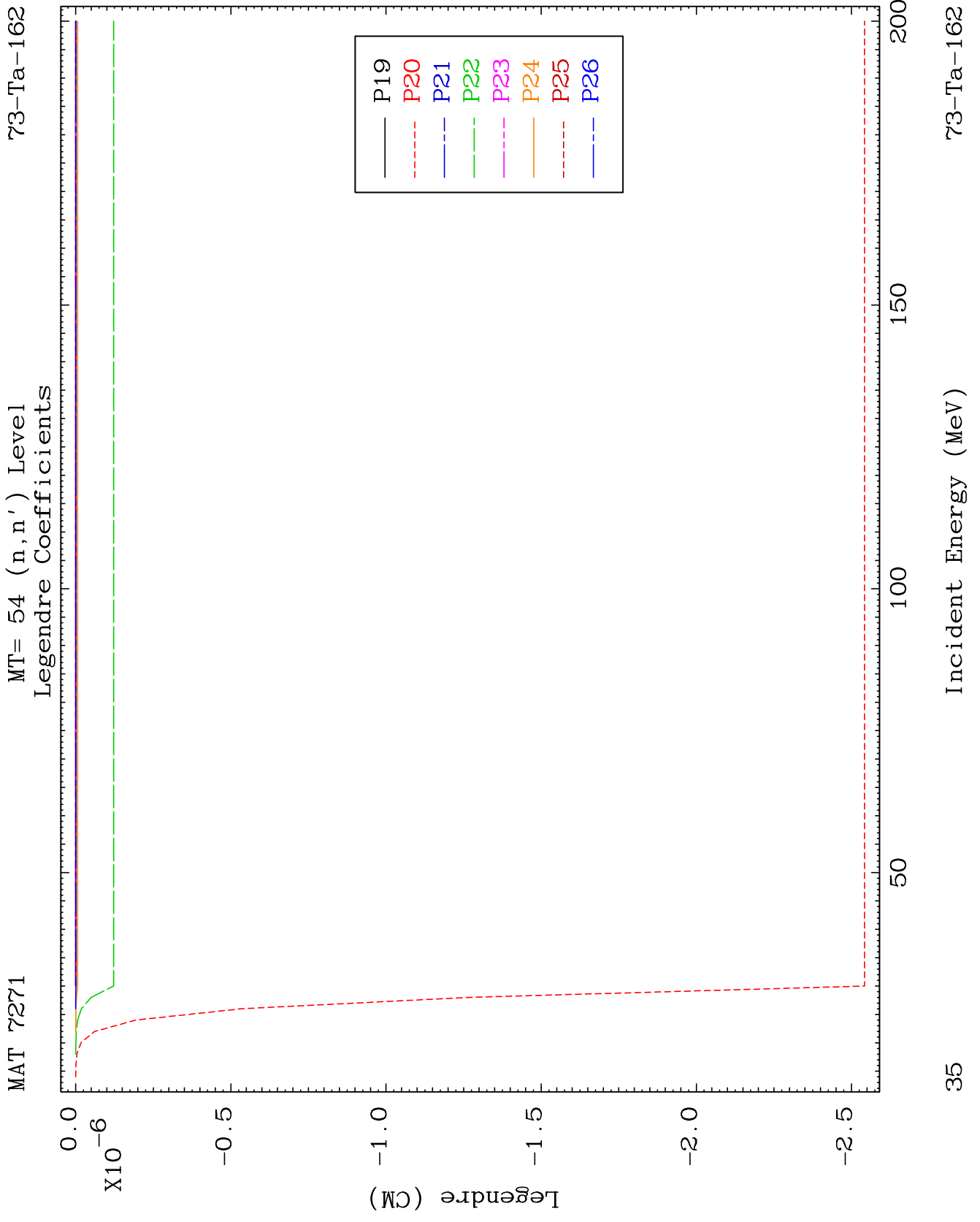
73-Ta-162



34

Incident Energy (MeV)

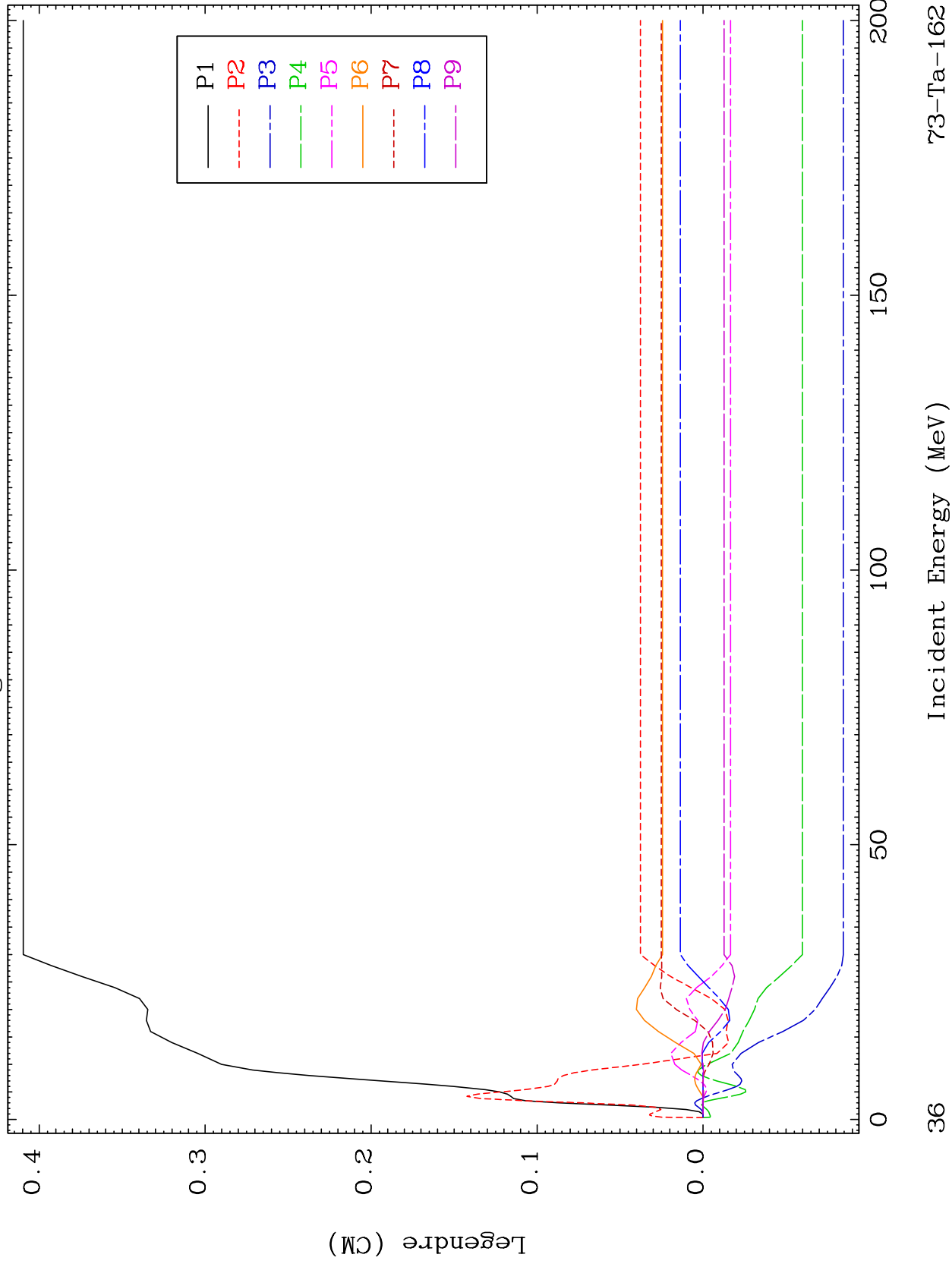
73-Ta-162



MAT 7271

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

73-Ta-162



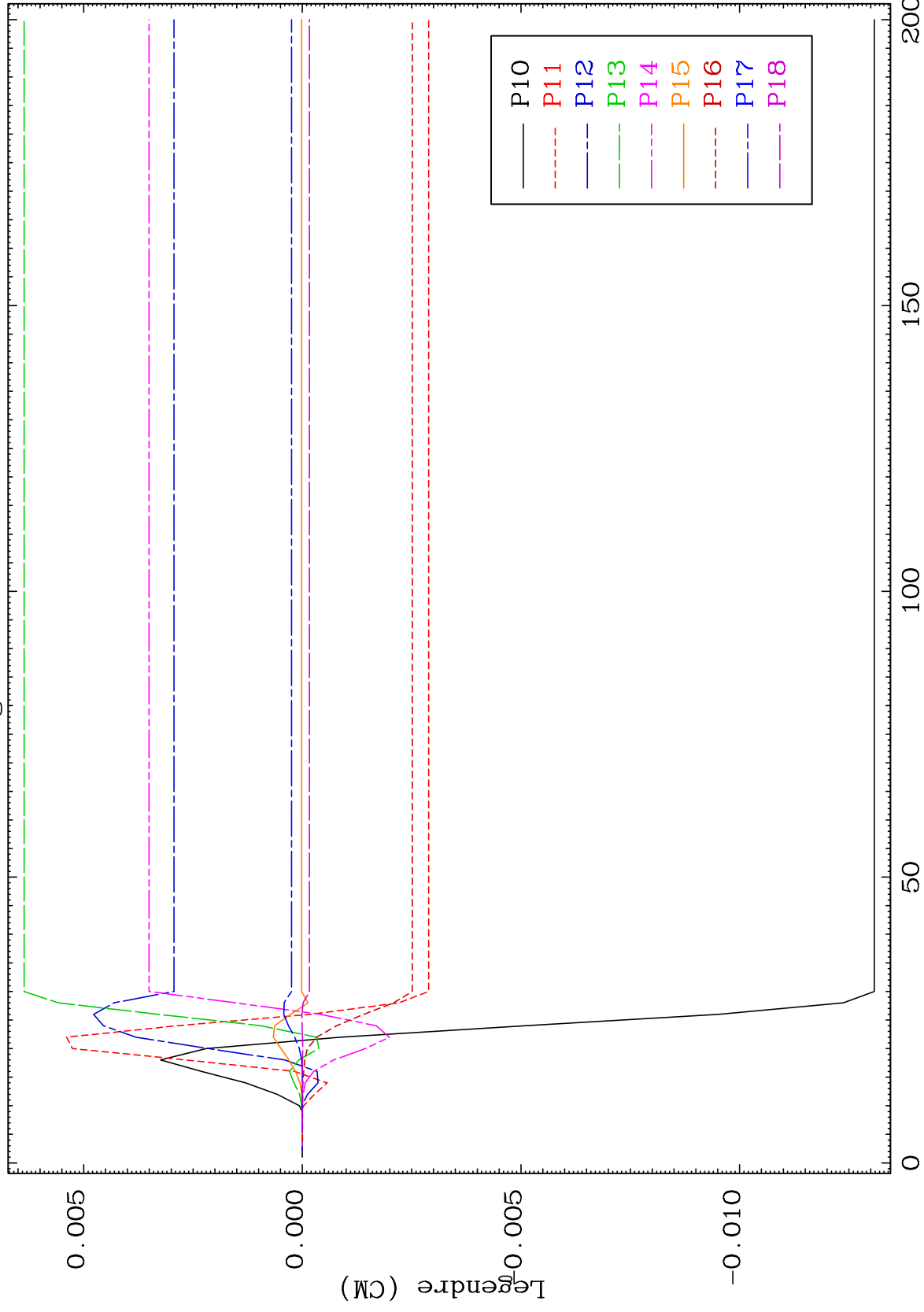
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73-Ta-162

MAT 7271

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

73-Ta-162



37

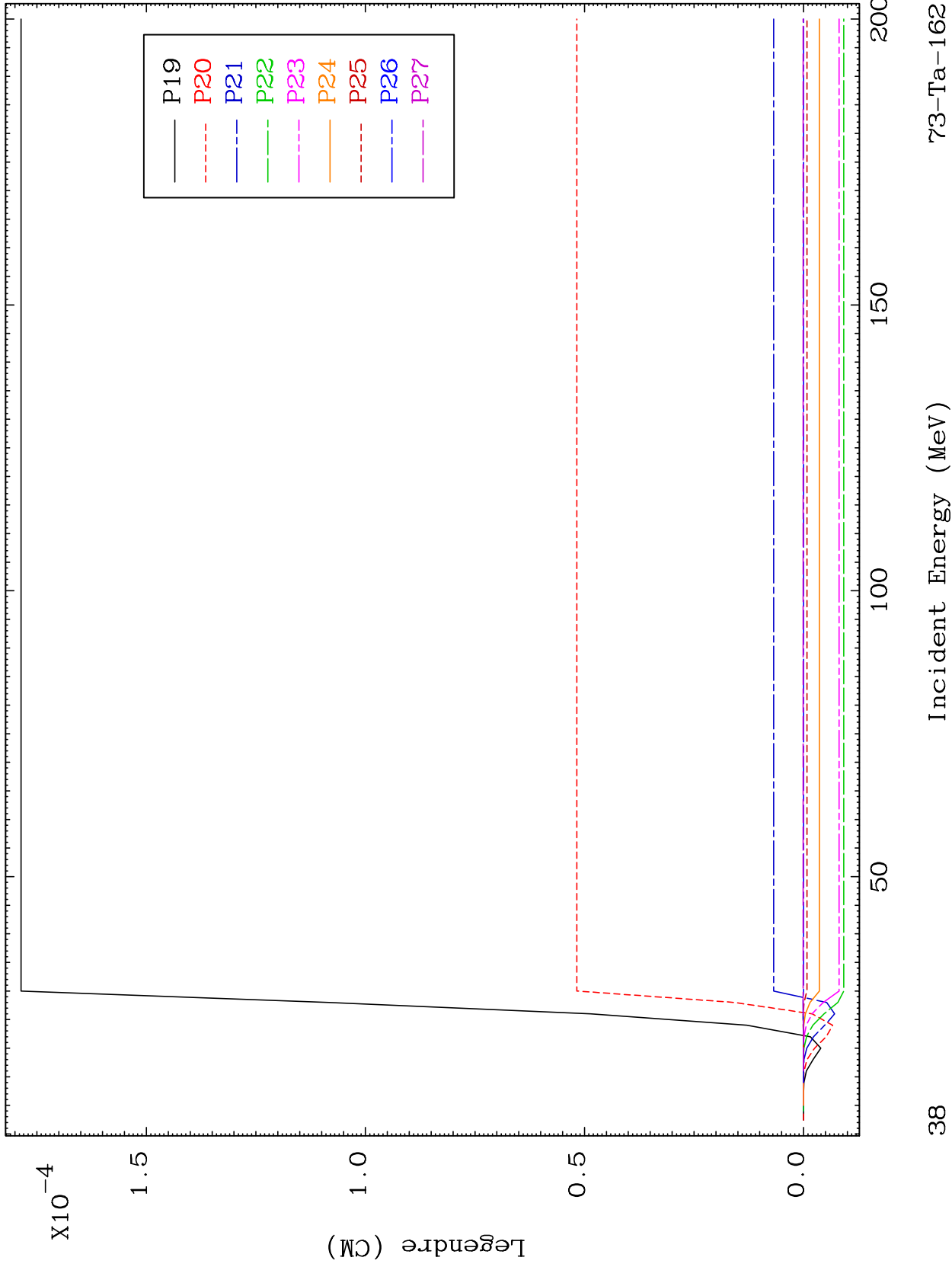
Incident Energy (MeV)

73-Ta-162

MAT 7271

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

73-Ta-162



38

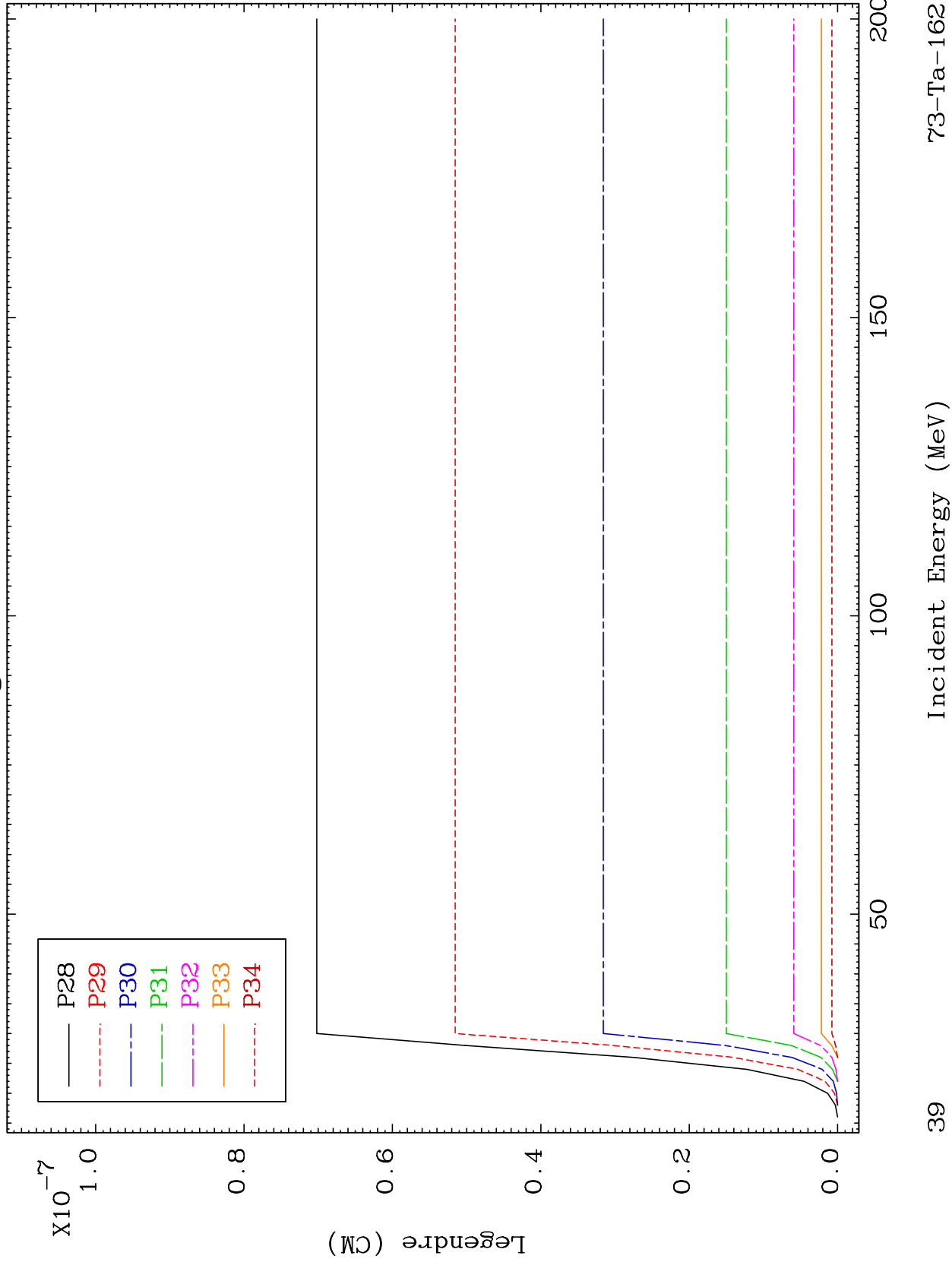
Incident Energy (MeV)

73-Ta-162

MAT 7271

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

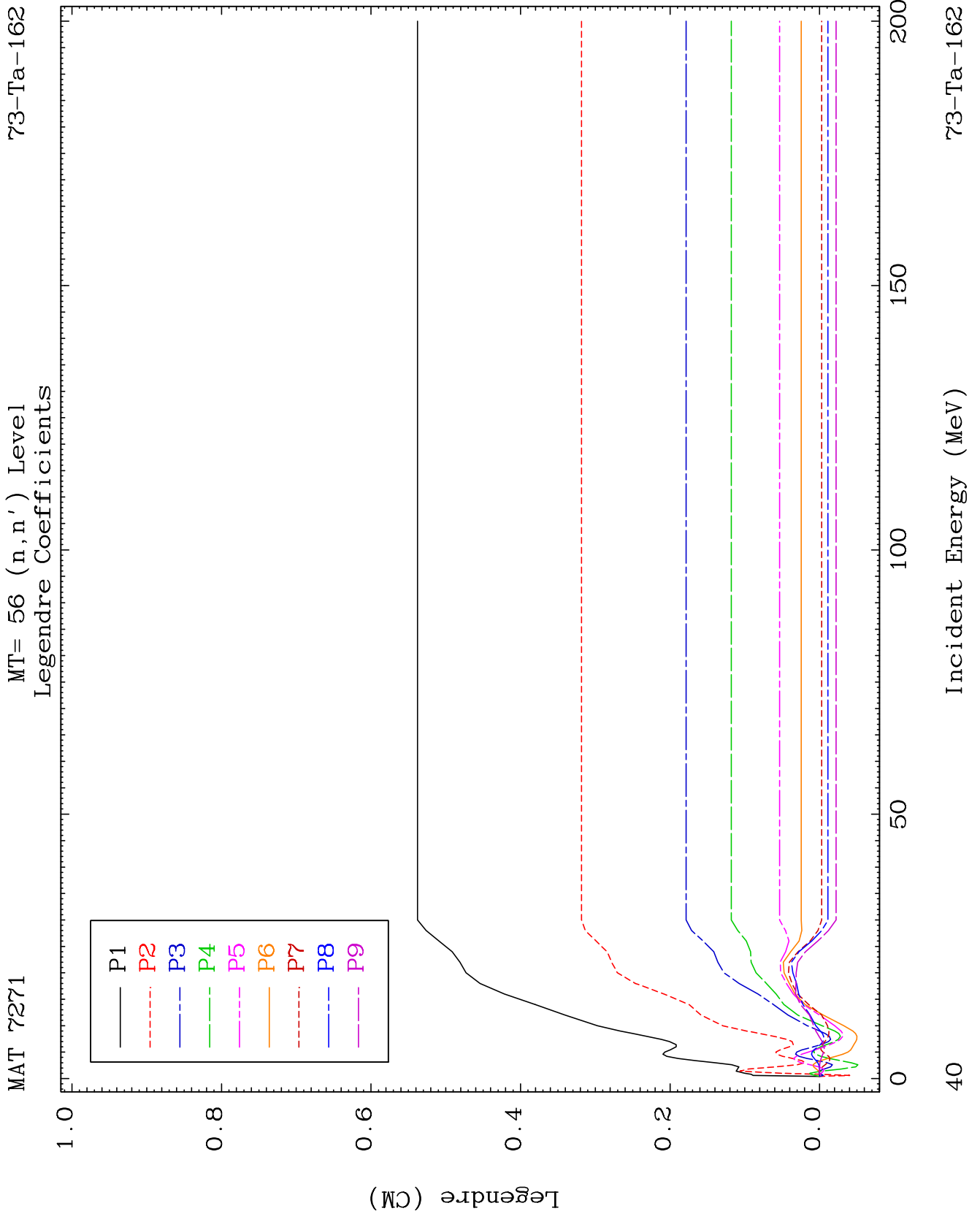
⁷³Ta-162



39

Incident Energy (MeV)

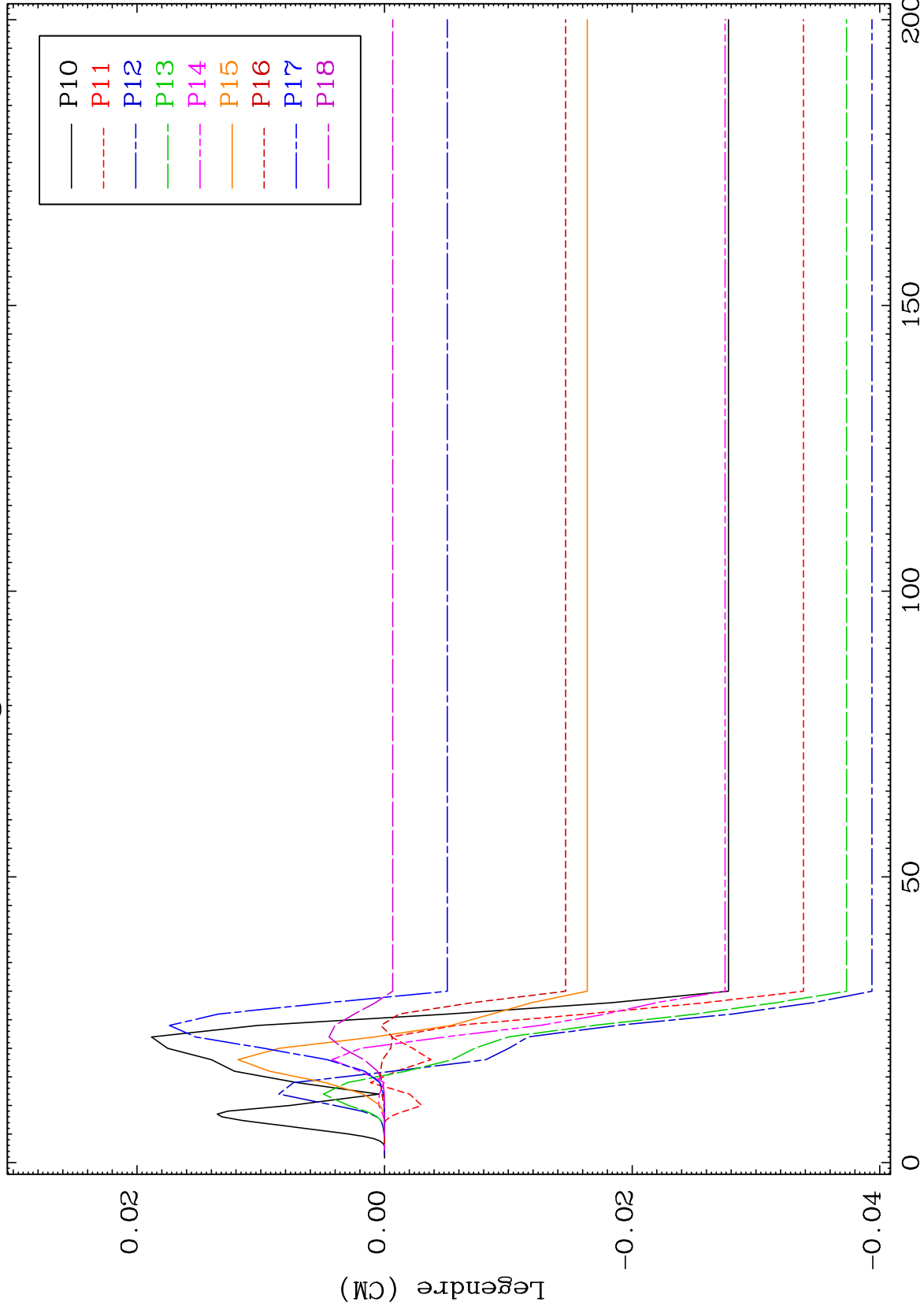
⁷³Ta-162



MAT 7271

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

73-Ta-162



41

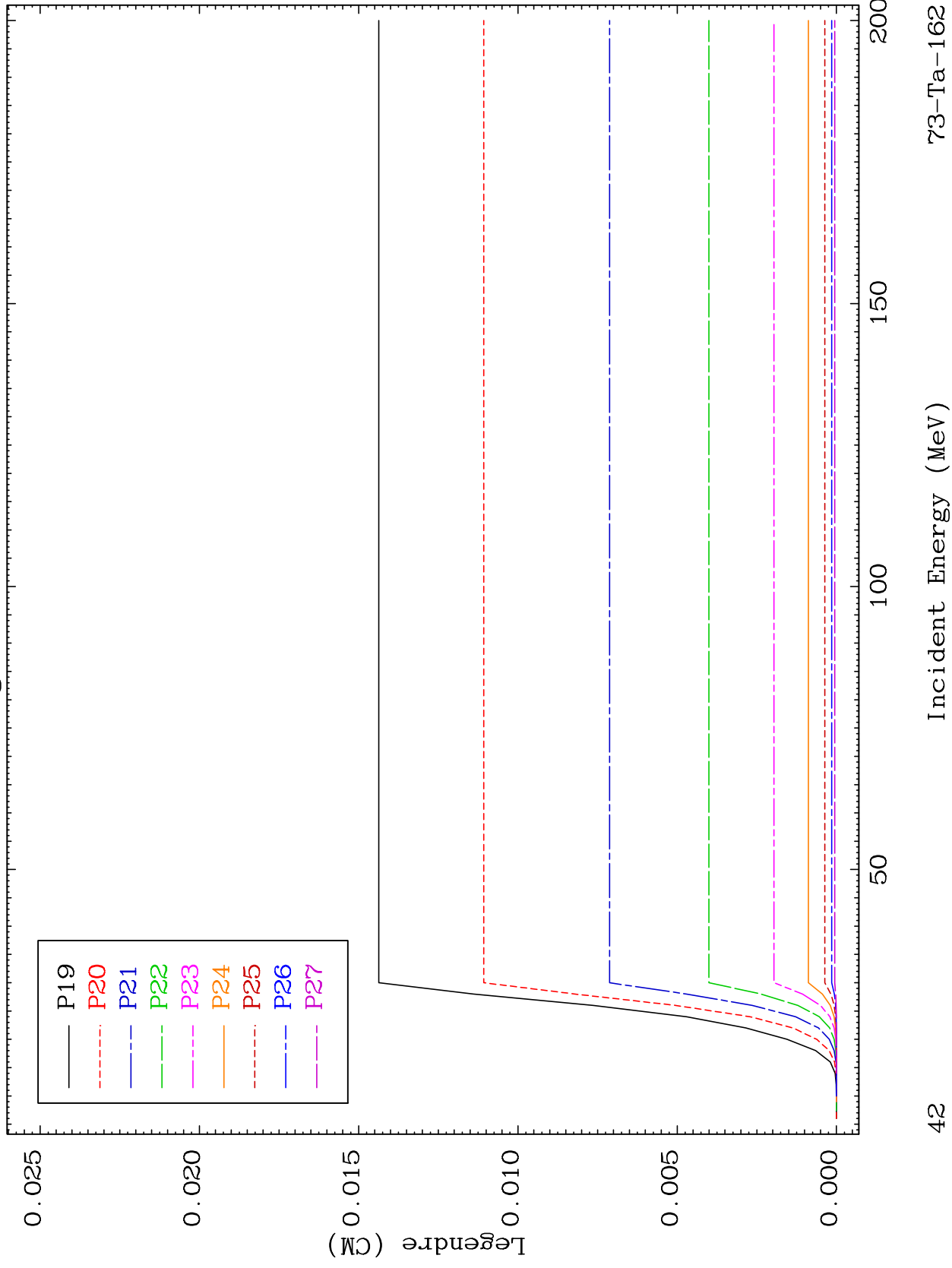
Incident Energy (MeV)

73-Ta-162

MAT 7271

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

73-Ta-162



42

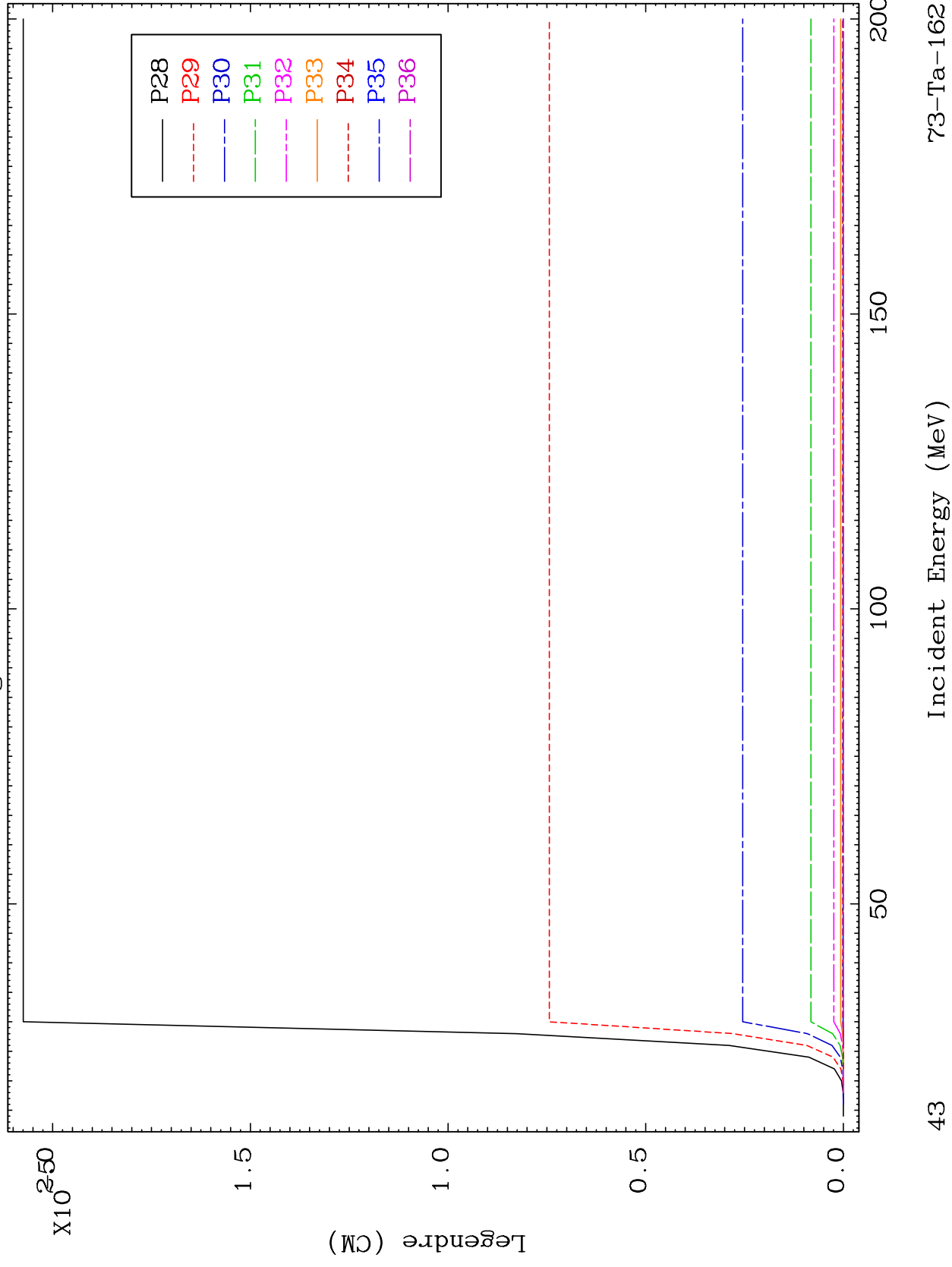
Incident Energy (MeV)

73-Ta-162

MAT 7271

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

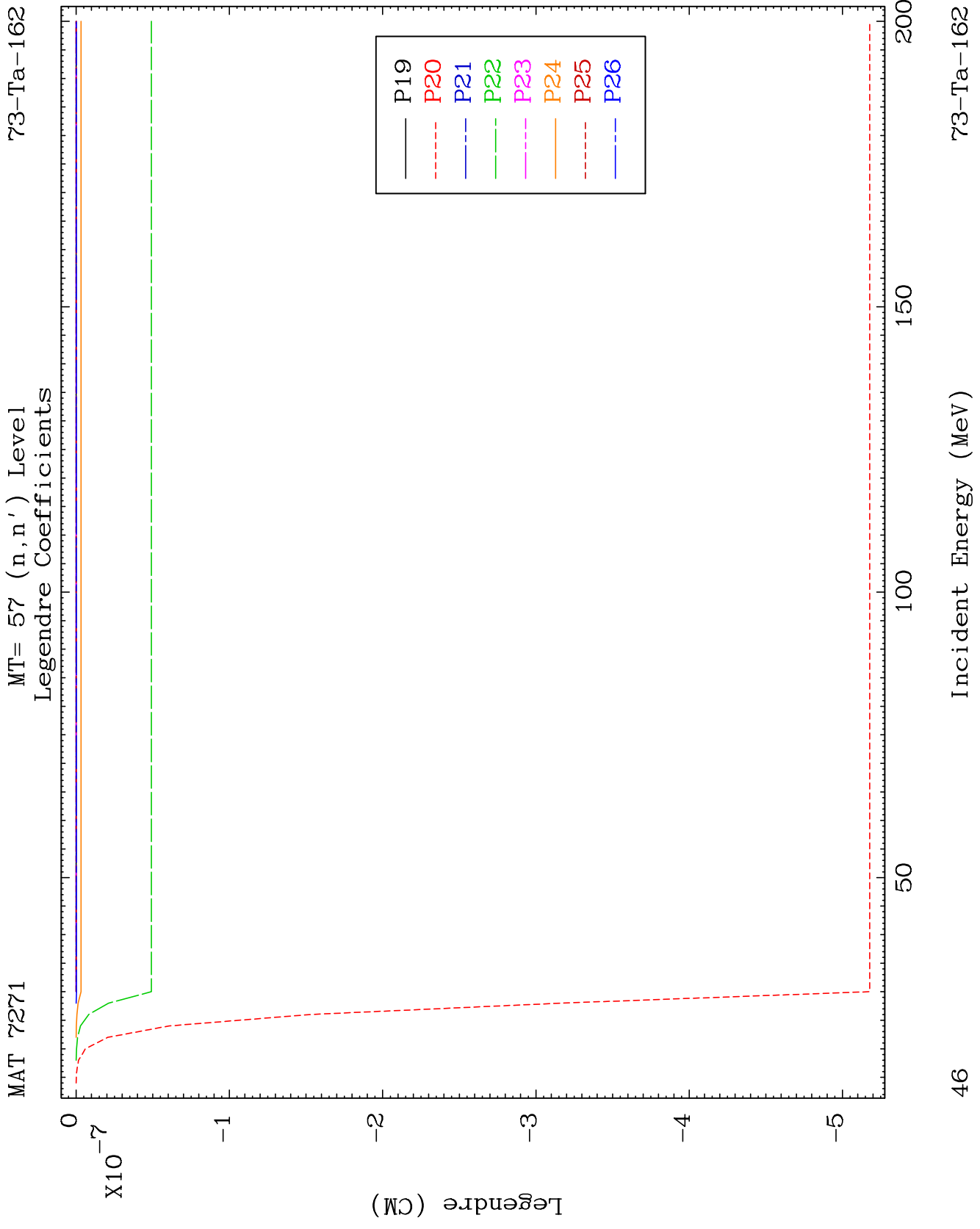
73-Ta-162



43

Incident Energy (MeV)

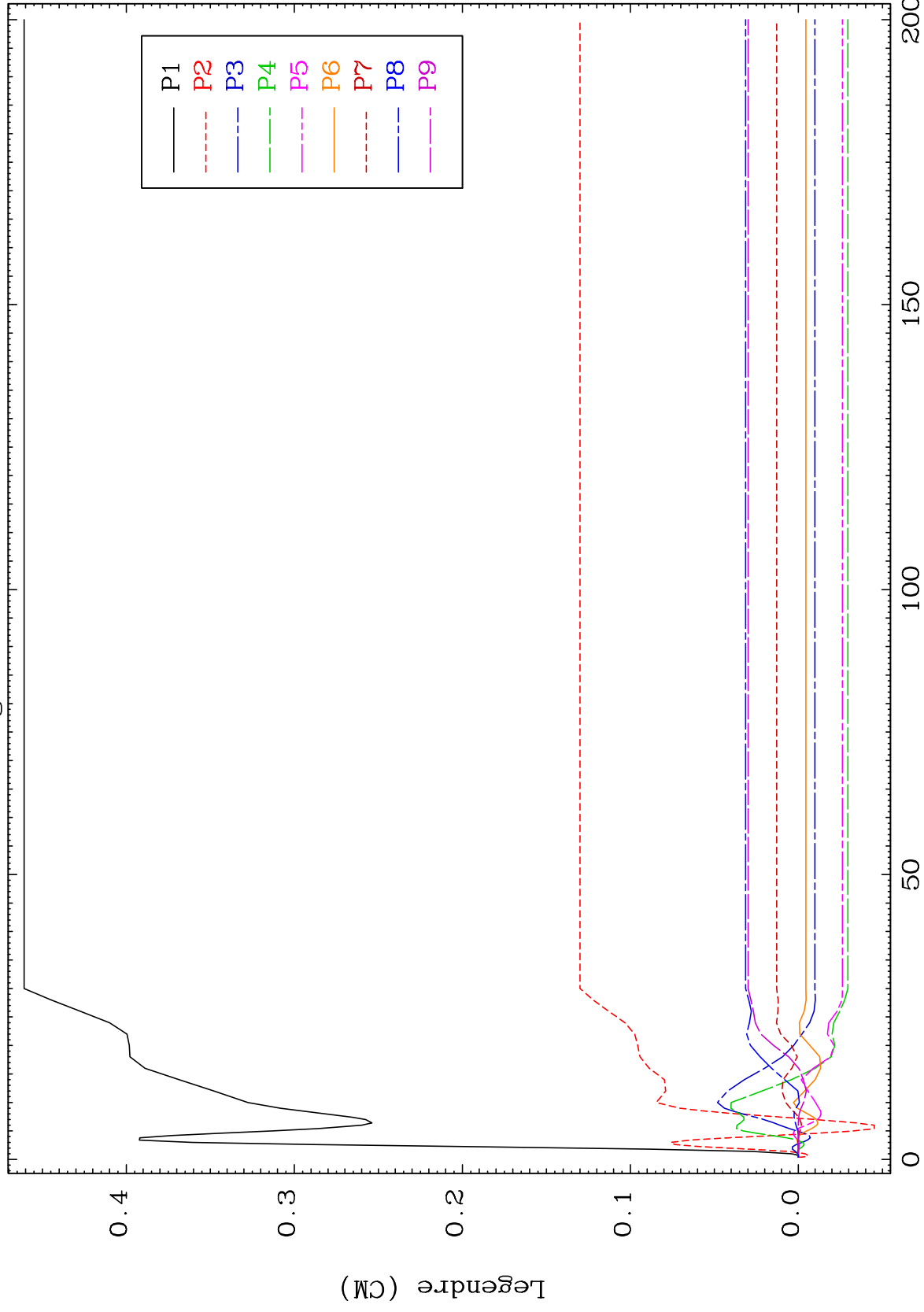
73-Ta-162



MAT 7271

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

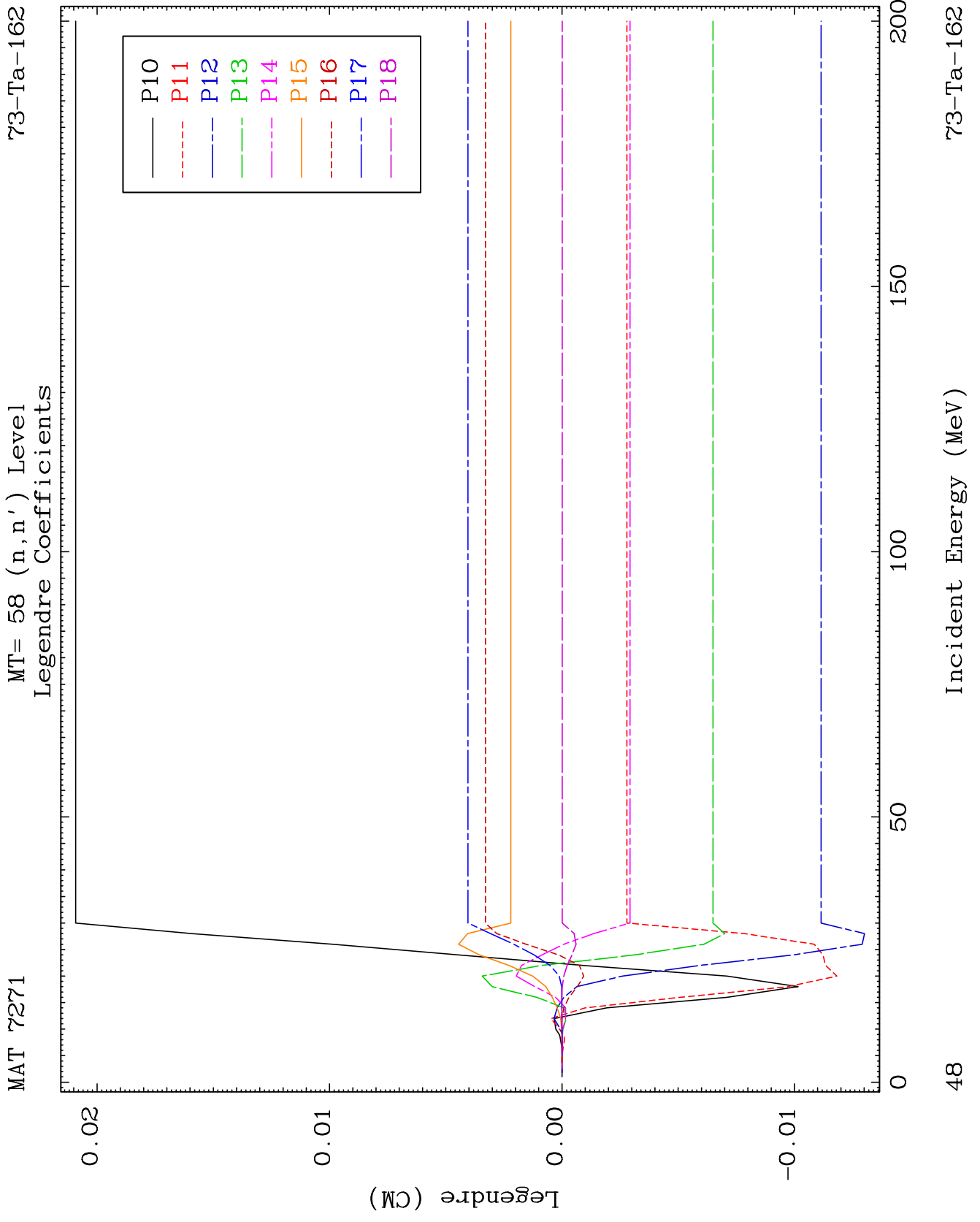
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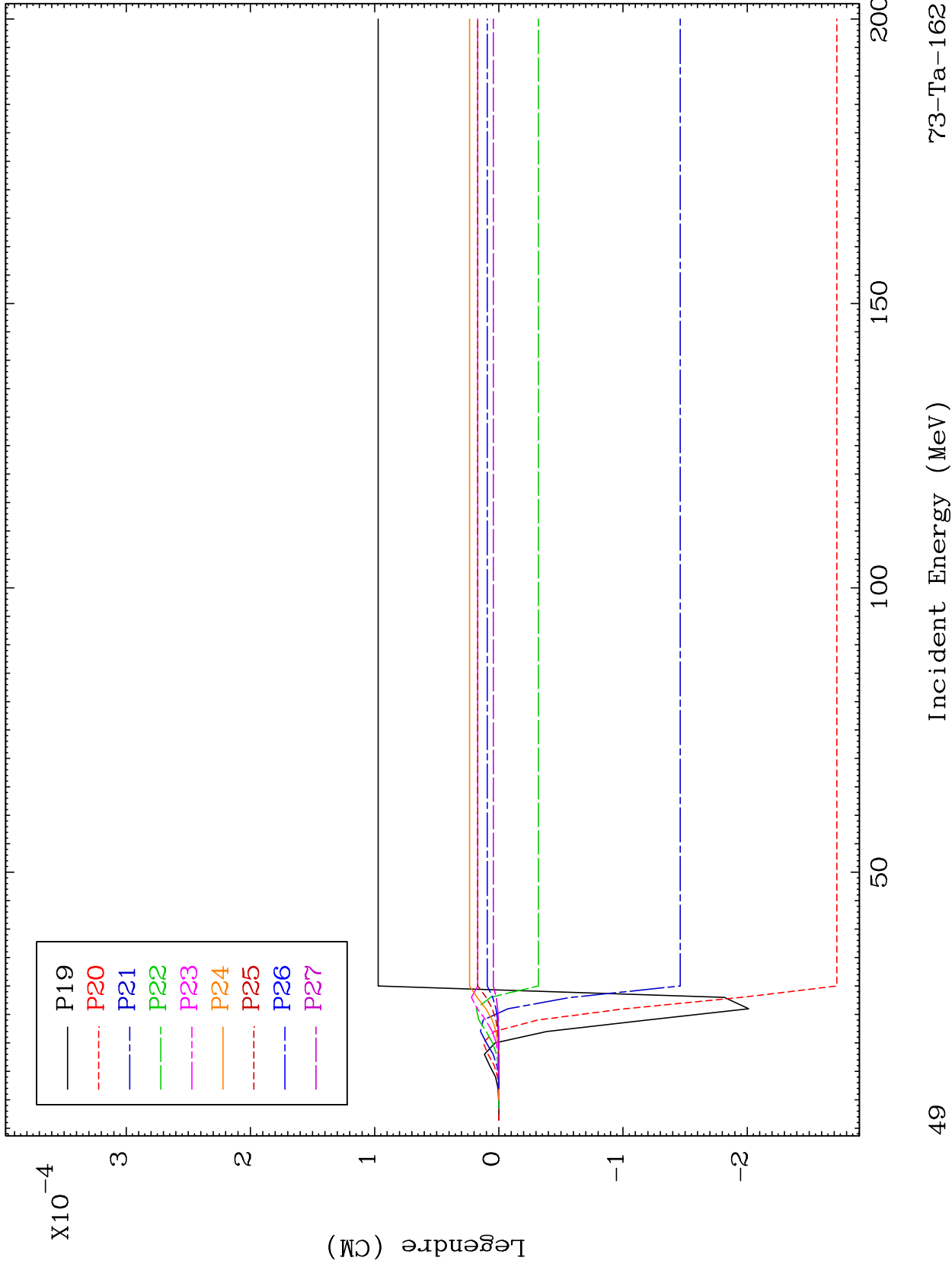


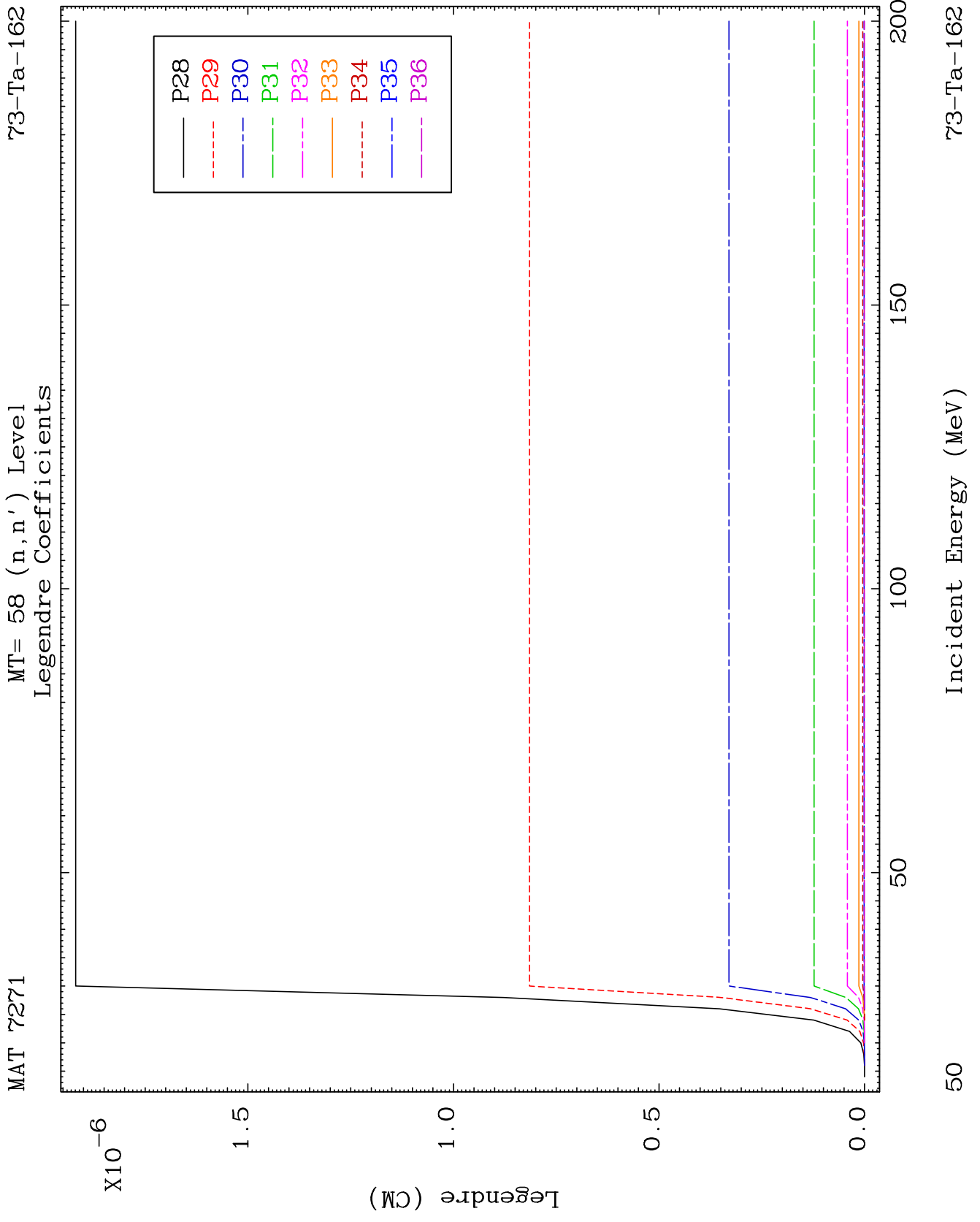
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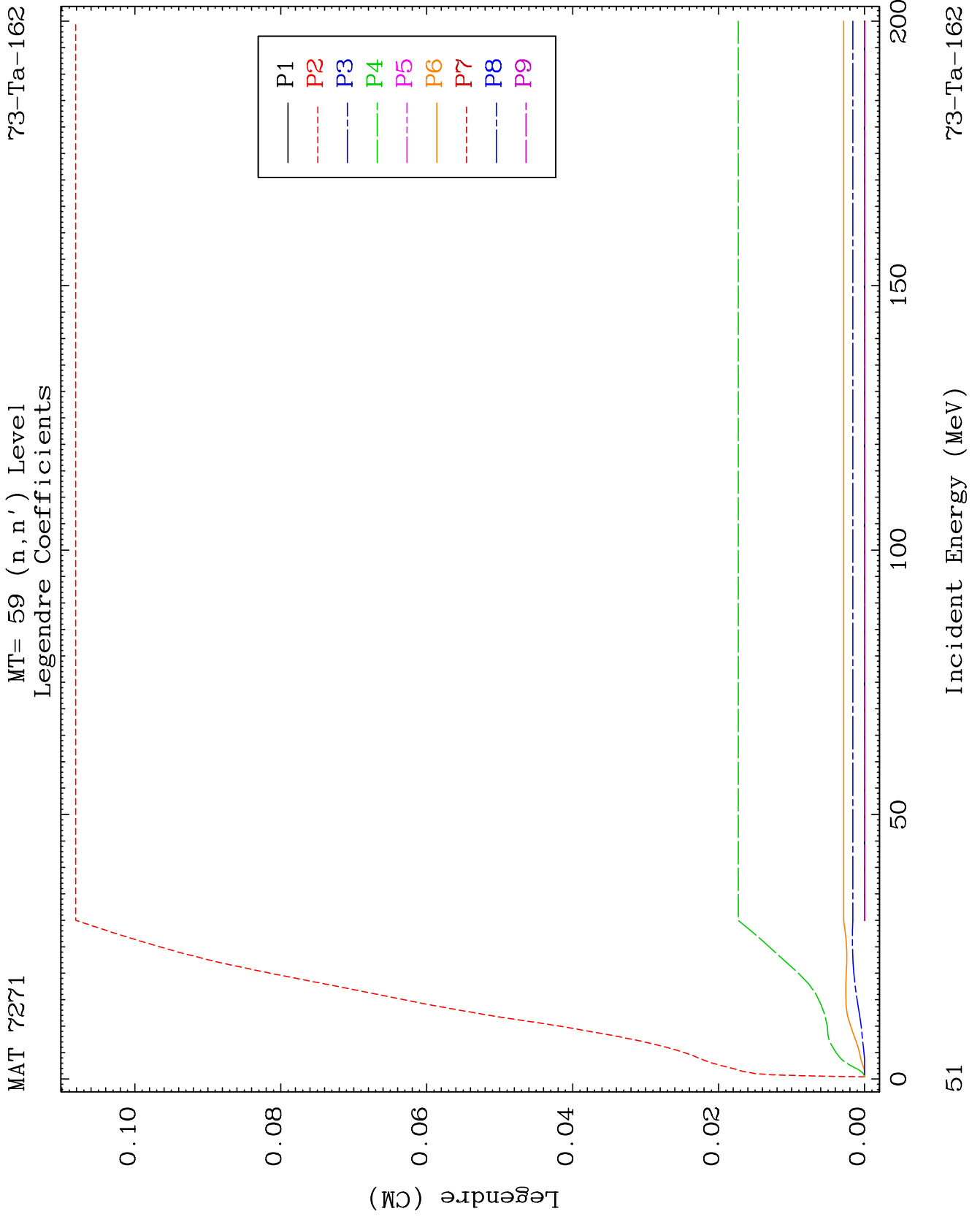
Incident Energy (MeV)

73-Ta-162





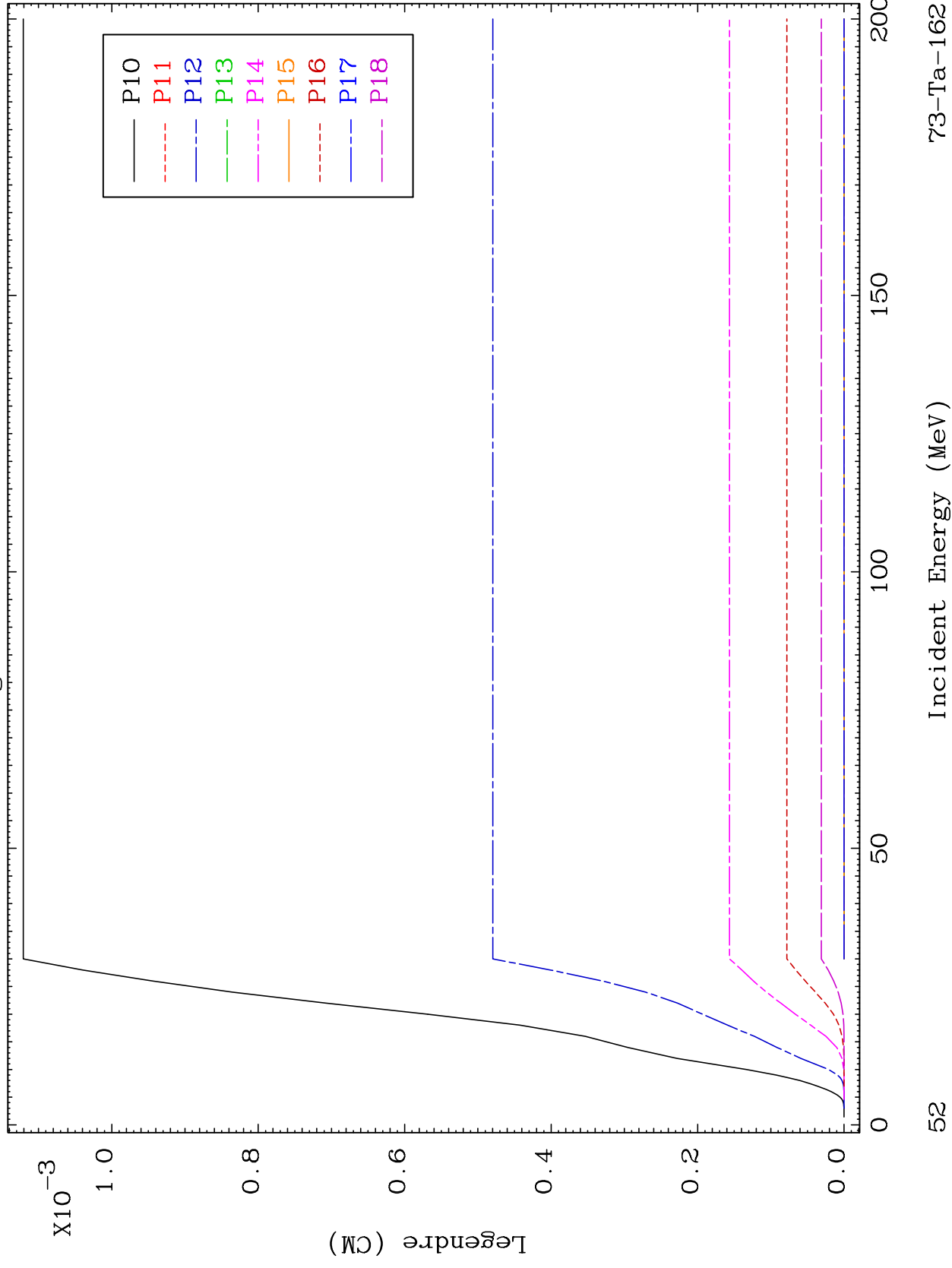


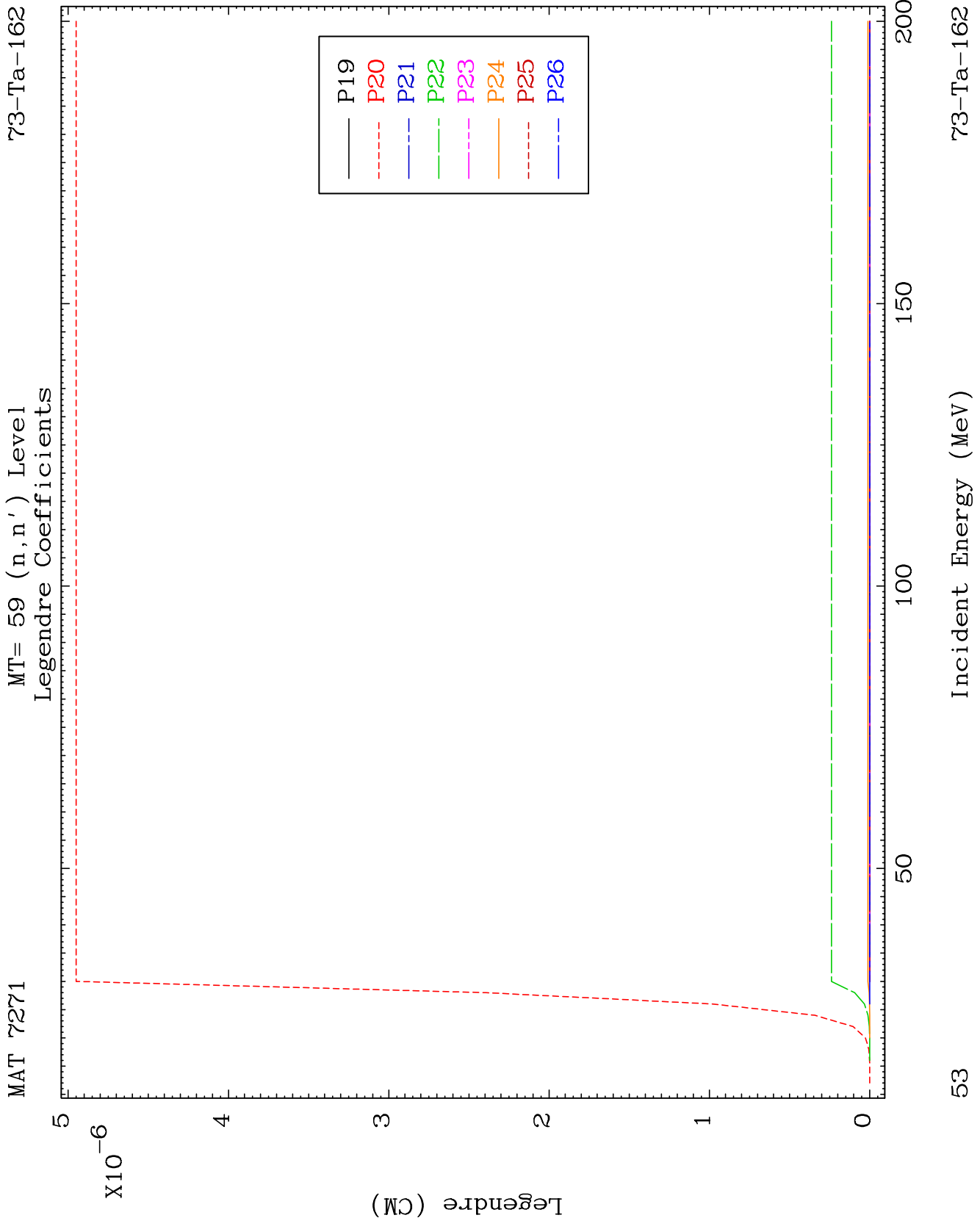


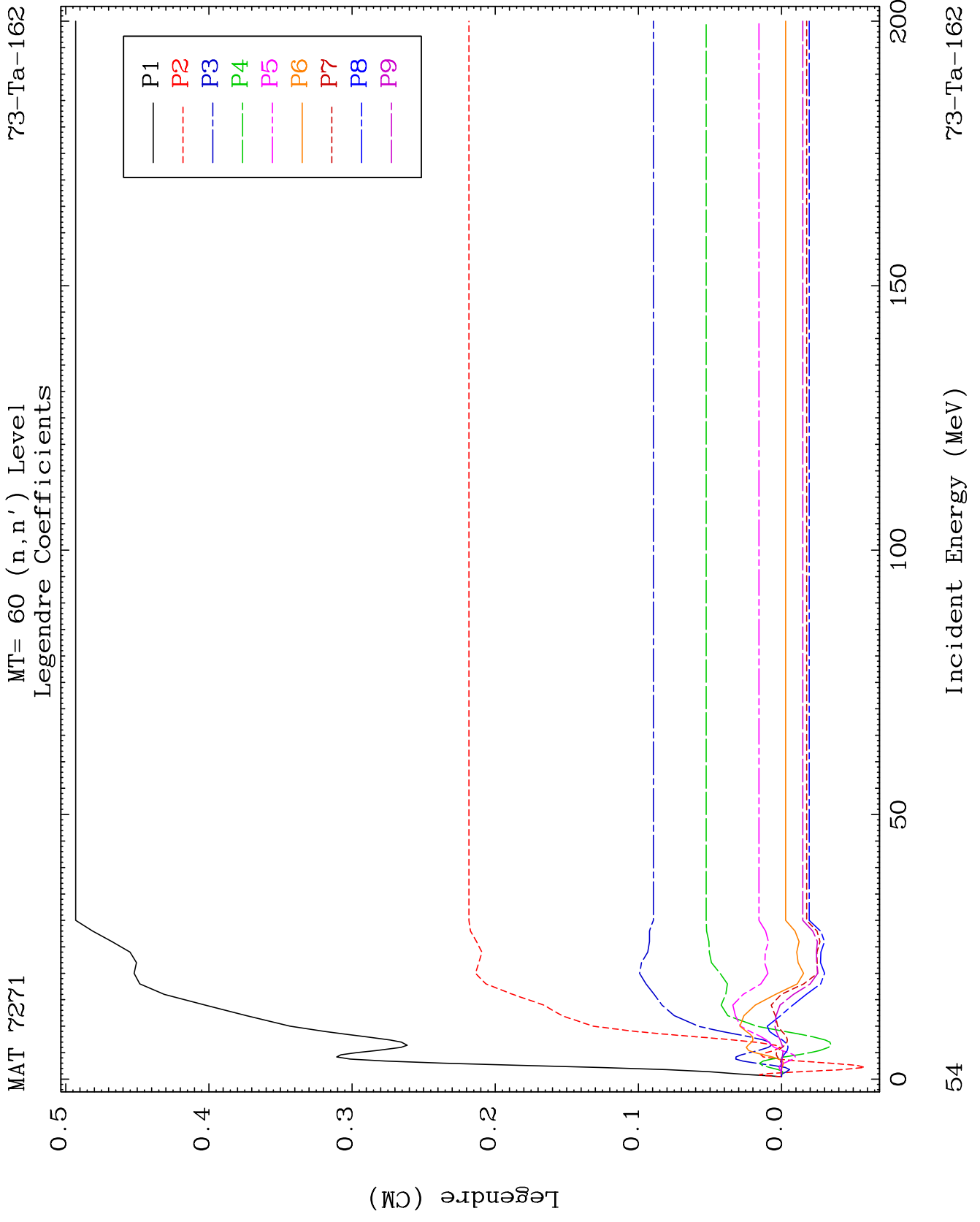
MAT 7271

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

73-Ta-162



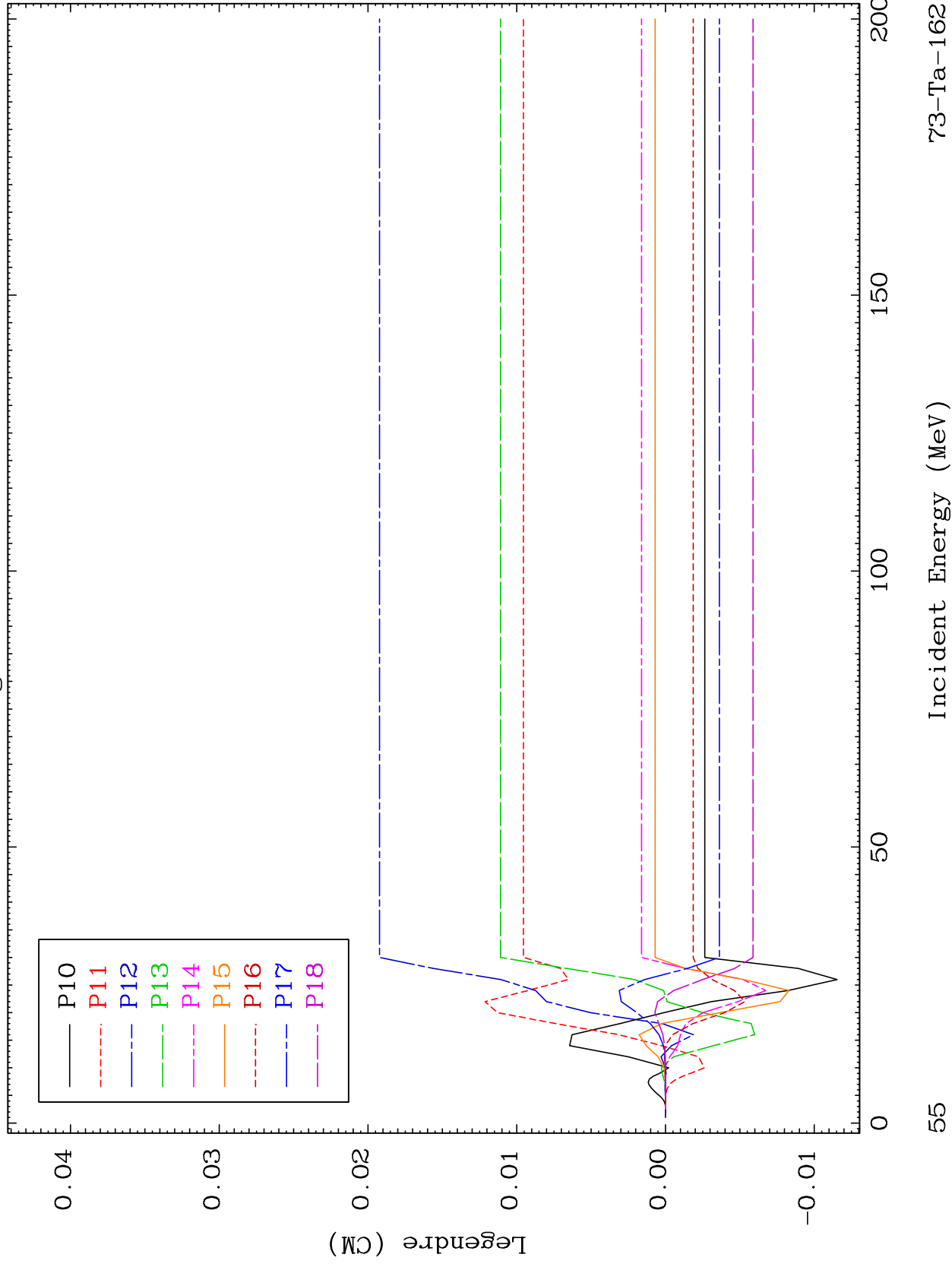




MAT 7271

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

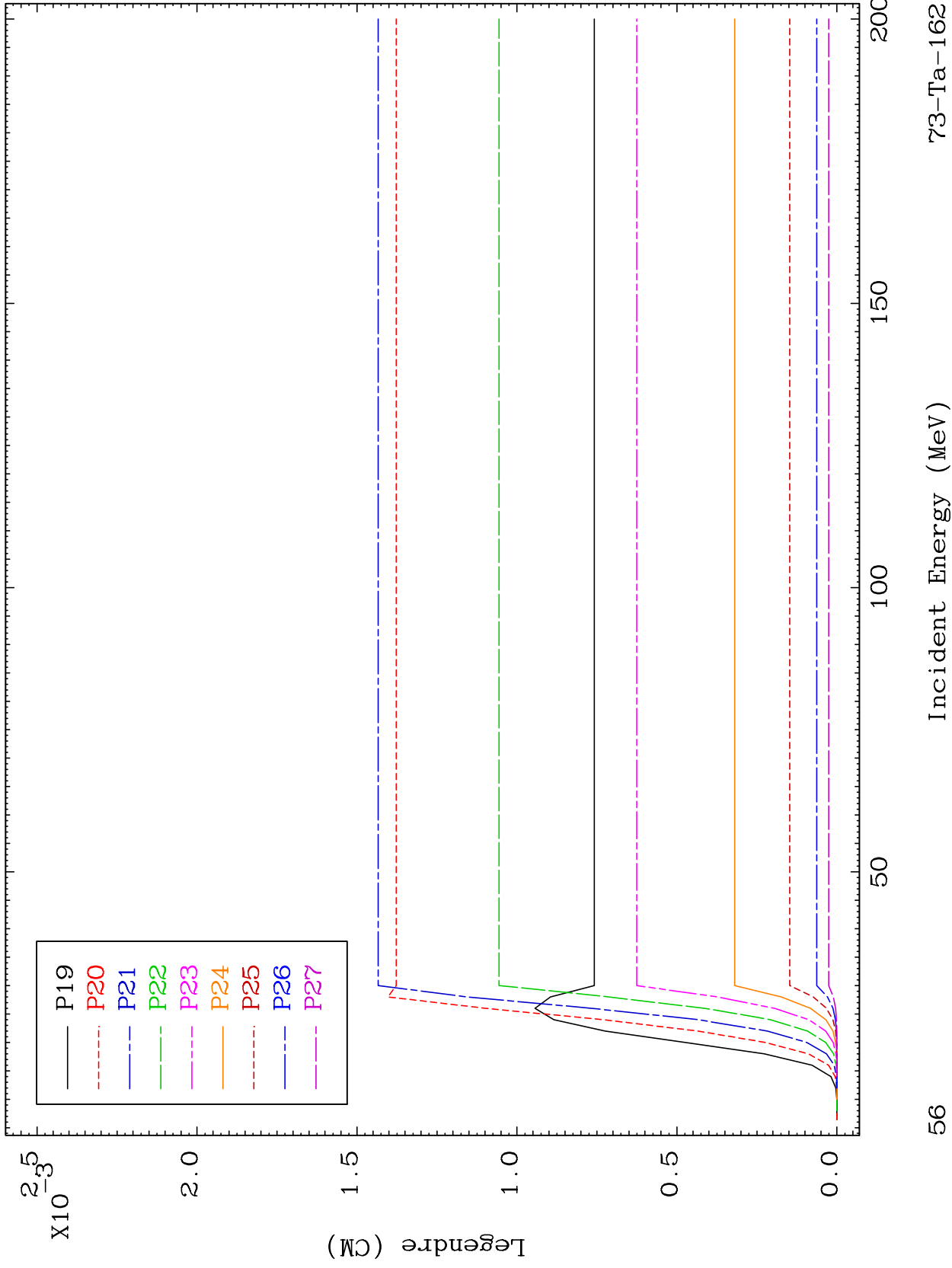
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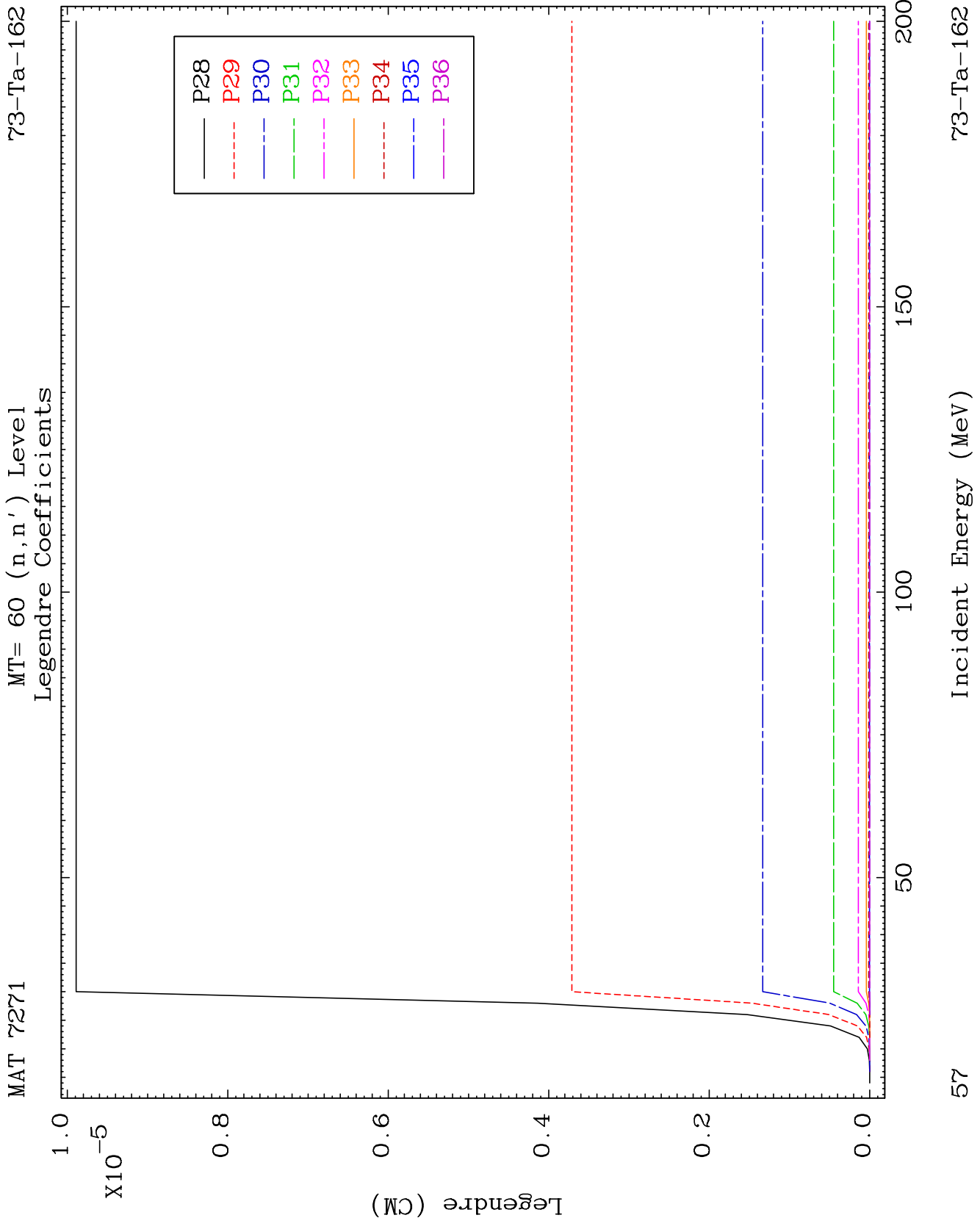


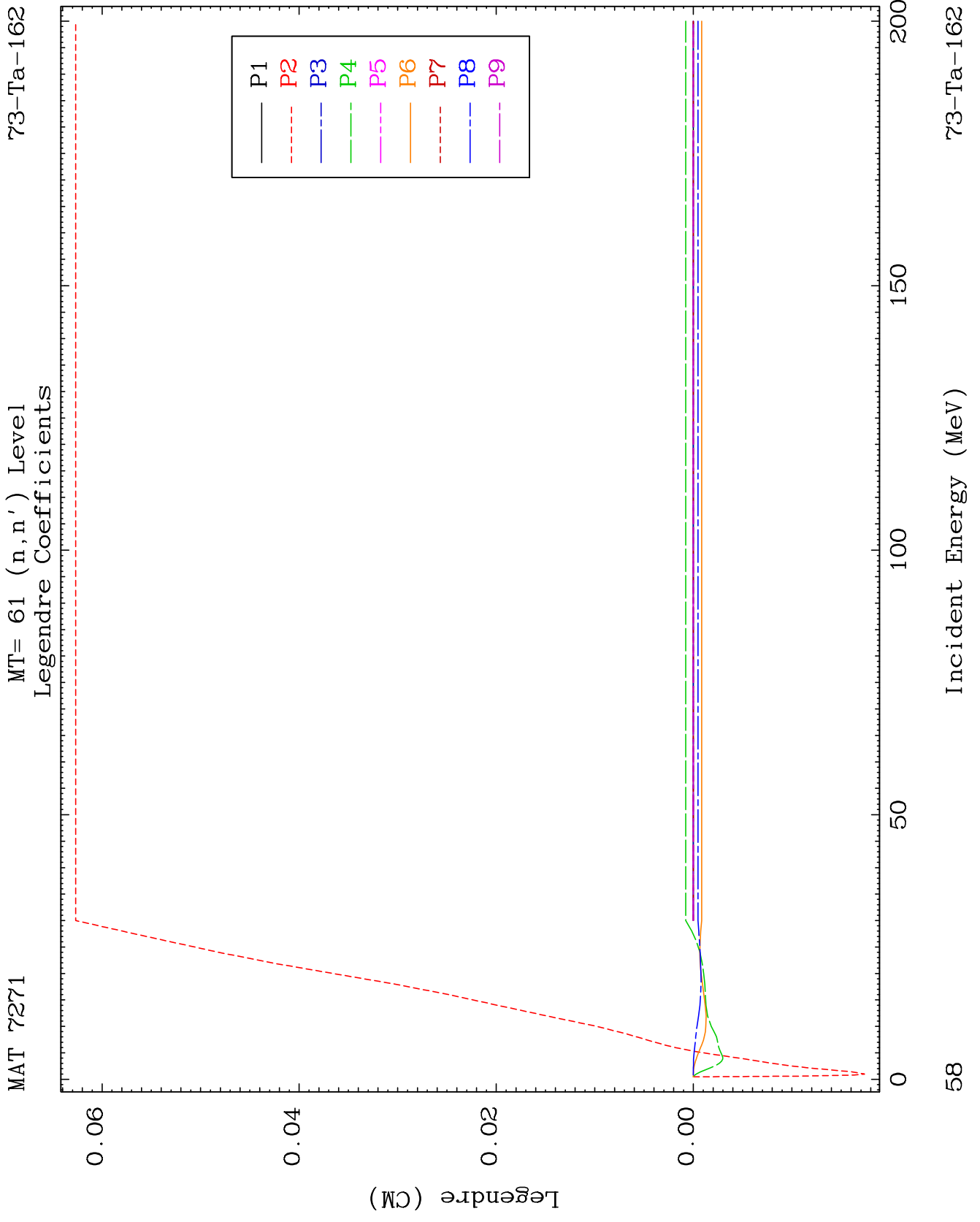
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Incident Energy (MeV)

73-Ta-162



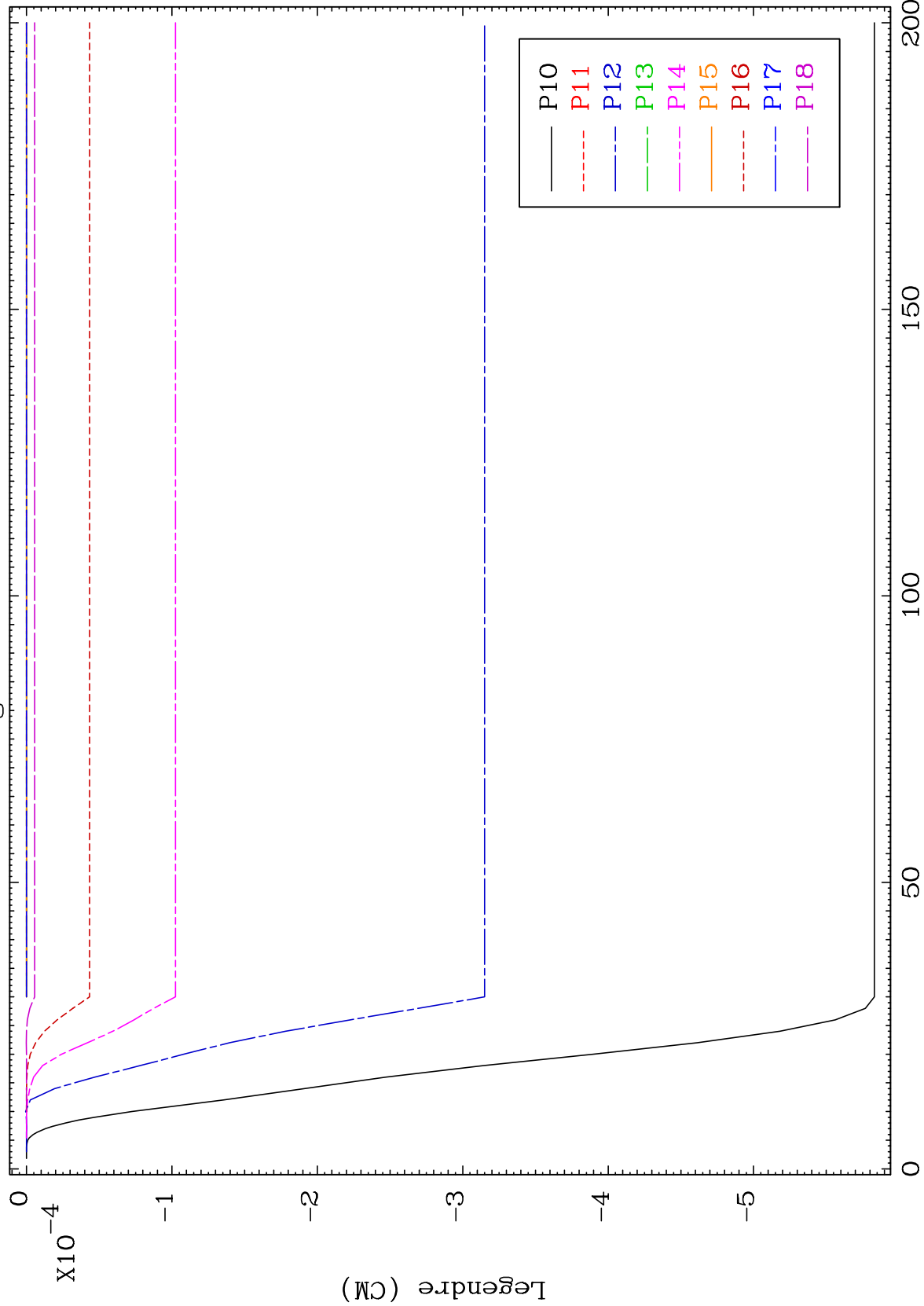




MAT 7271

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

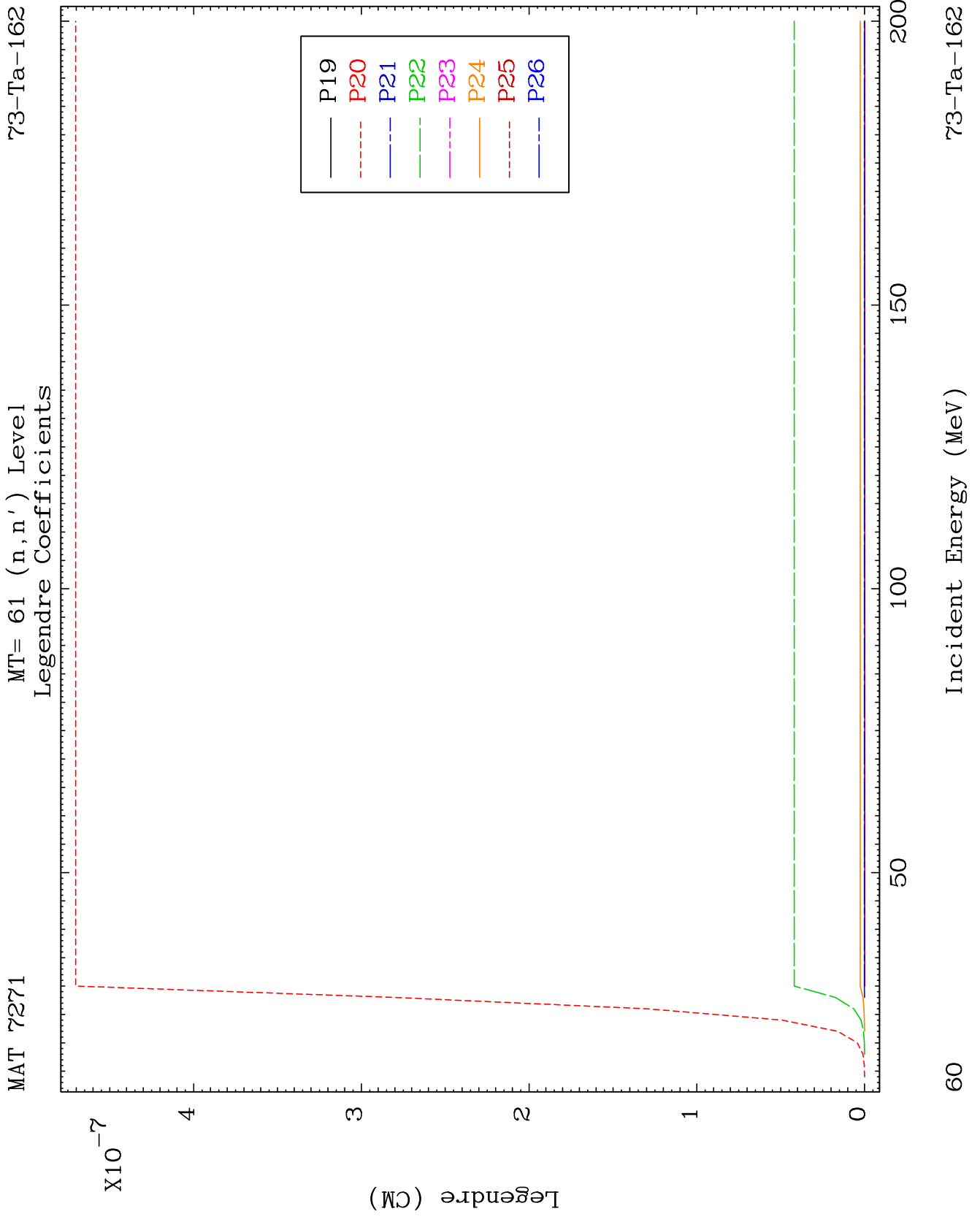
73-Ta-162



73-Ta-162

Incident Energy (MeV)

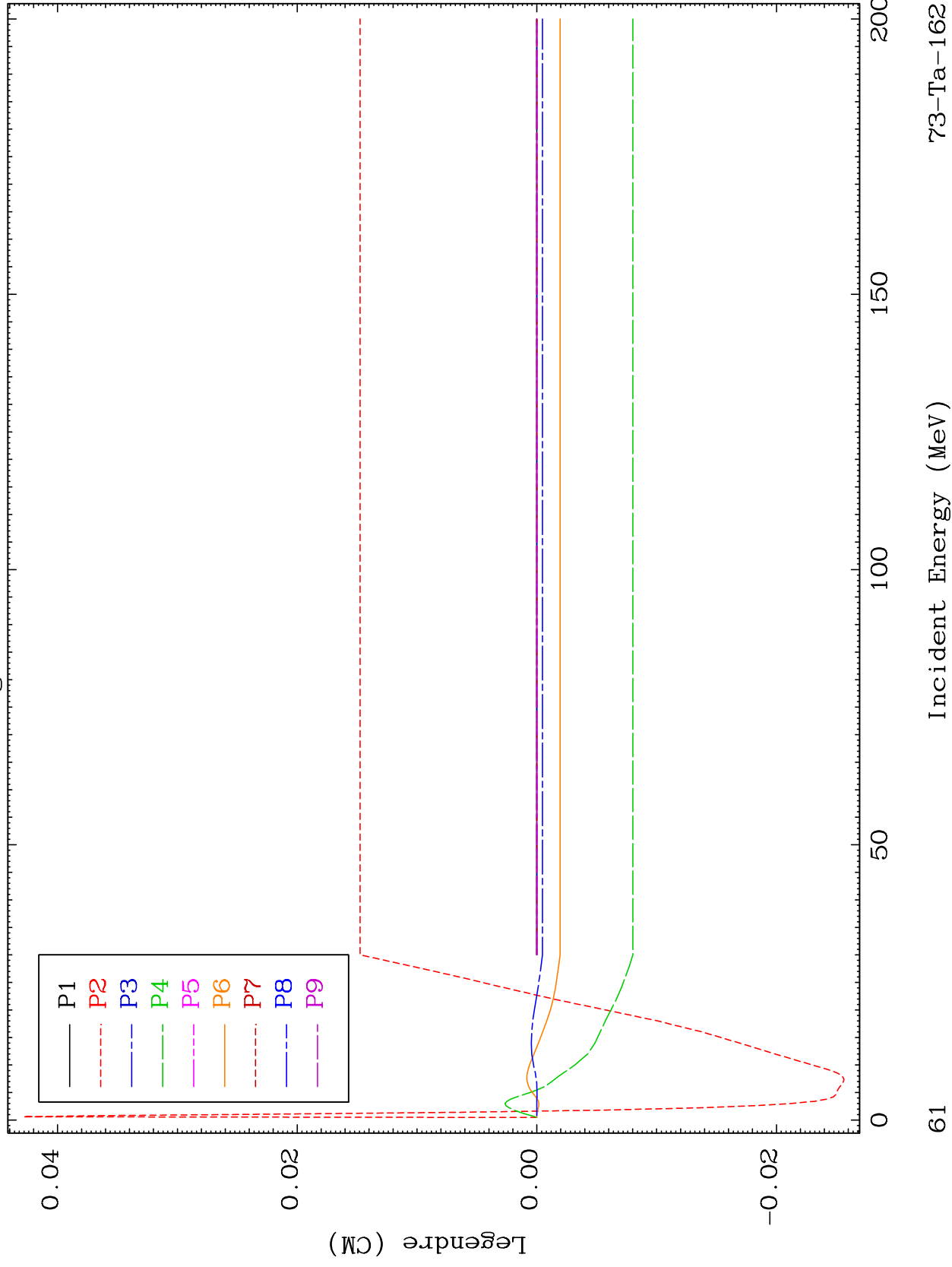
59



MAT 7271

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

73-Ta-162



73-Ta-162

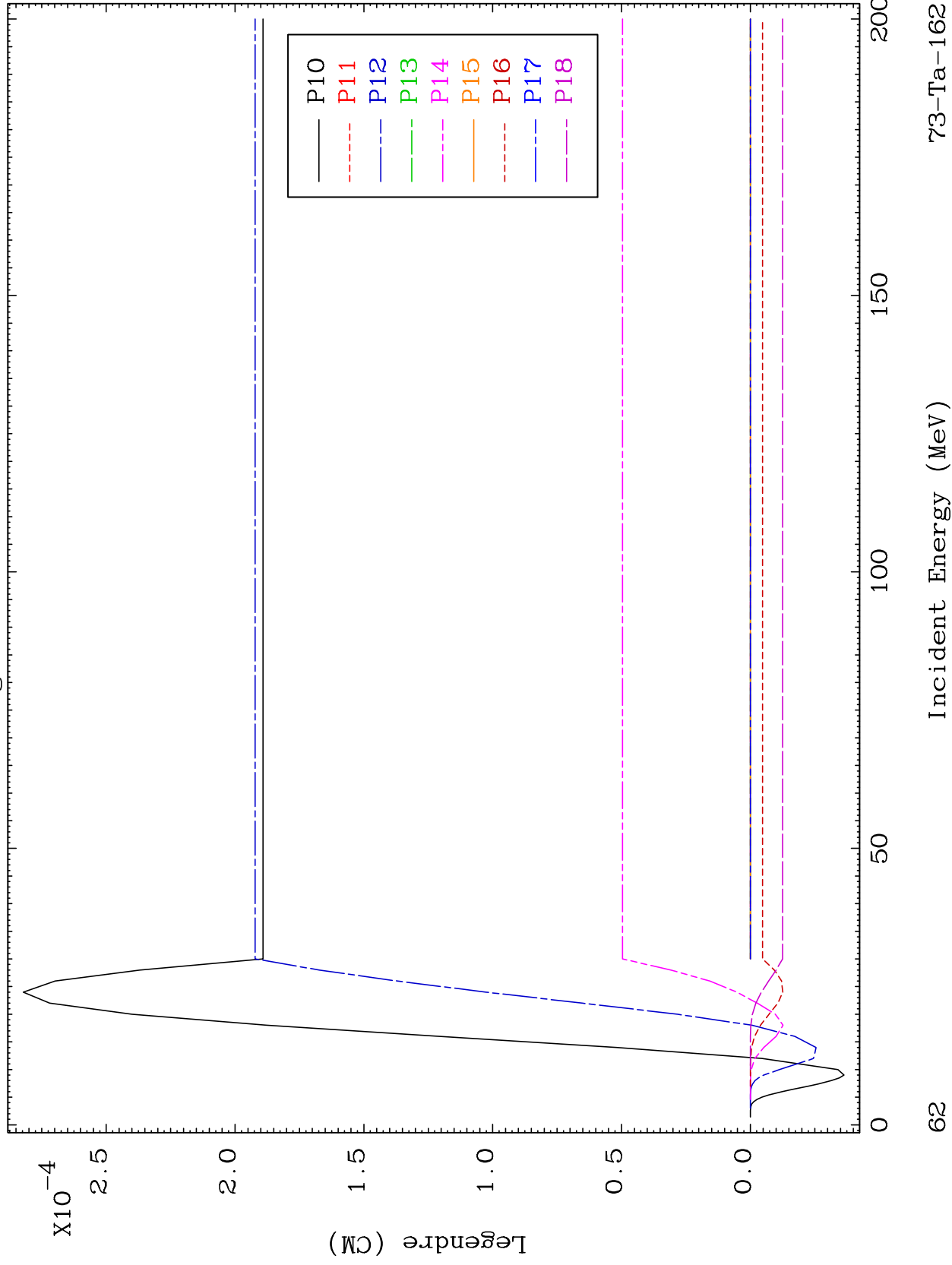
Incident Energy (MeV)

61

MAT 7271

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

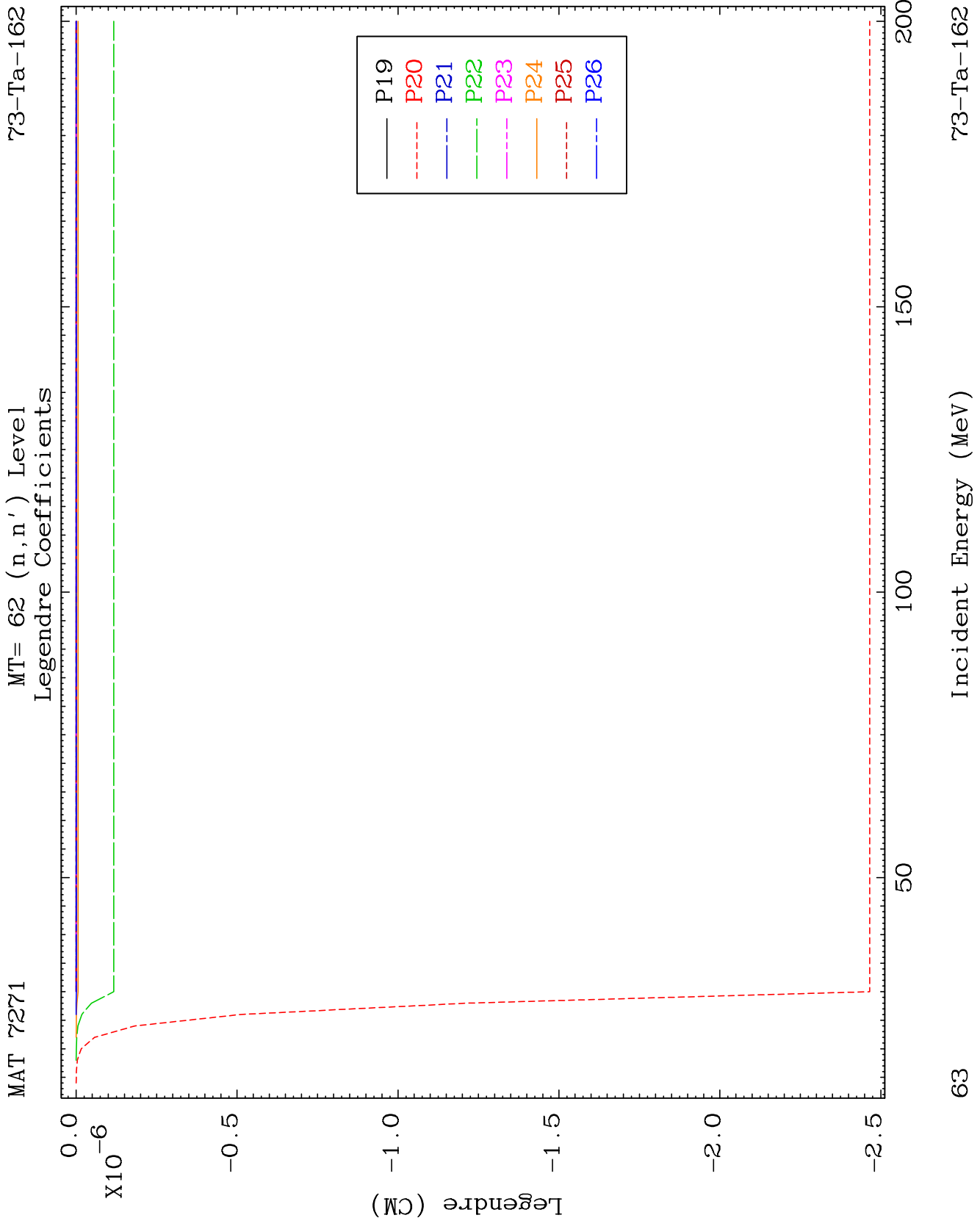
73-Ta-162



73-Ta-162

Incident Energy (MeV)

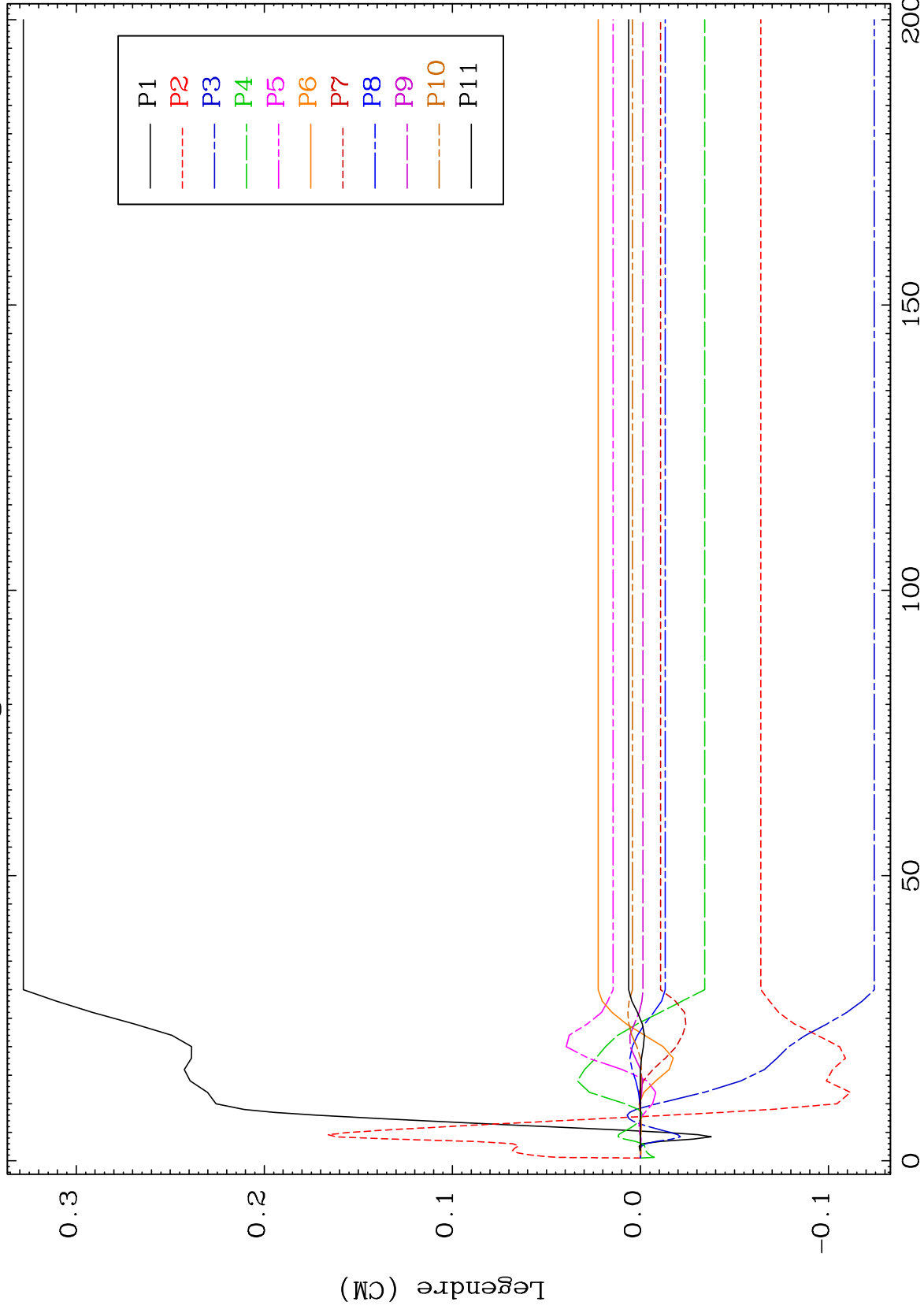
62



MAT 7271

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

73-Ta-162



64

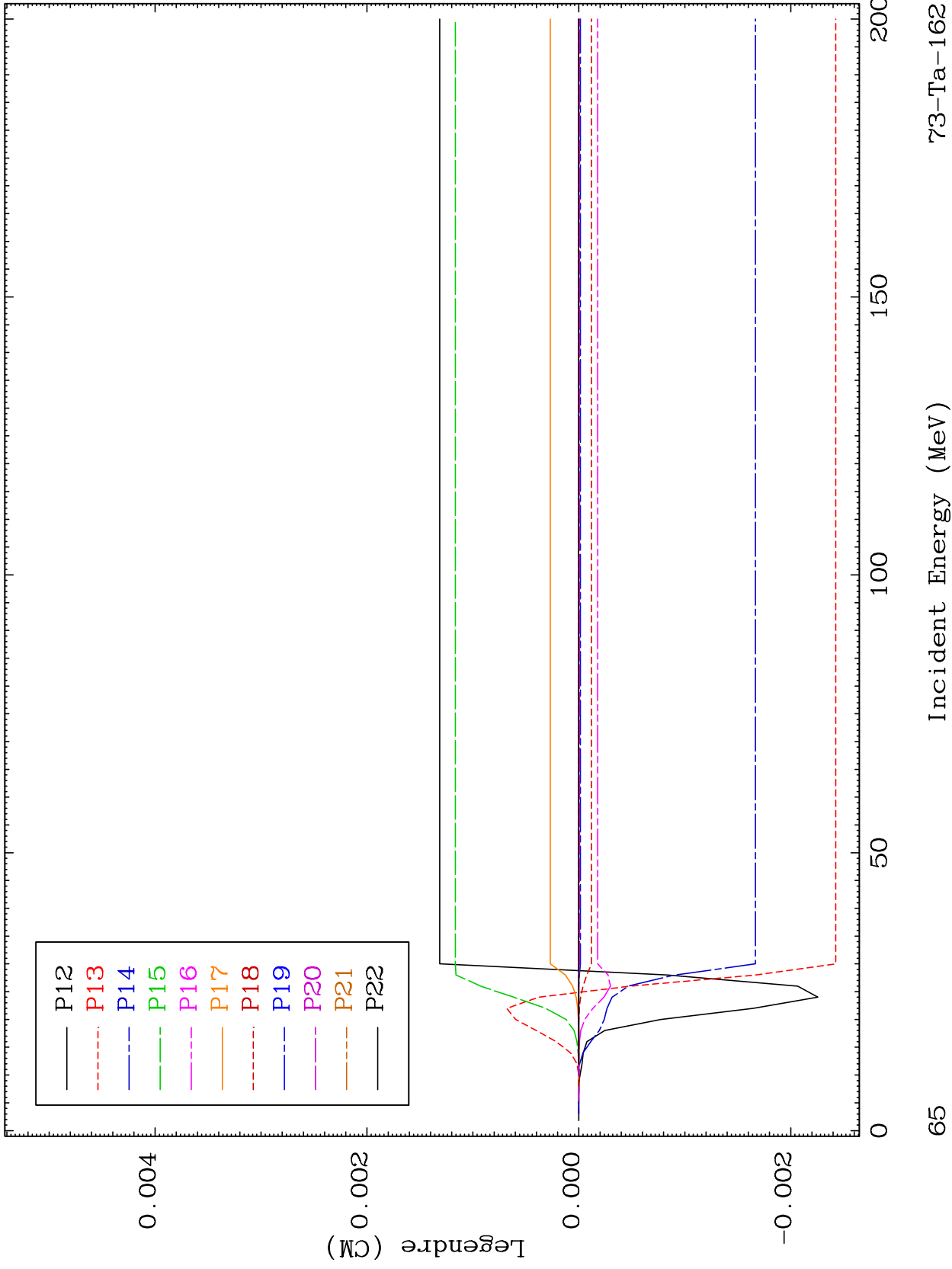
Incident Energy (MeV)

73-Ta-162

MAT 7271

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

73-Ta-162



73-Ta-162

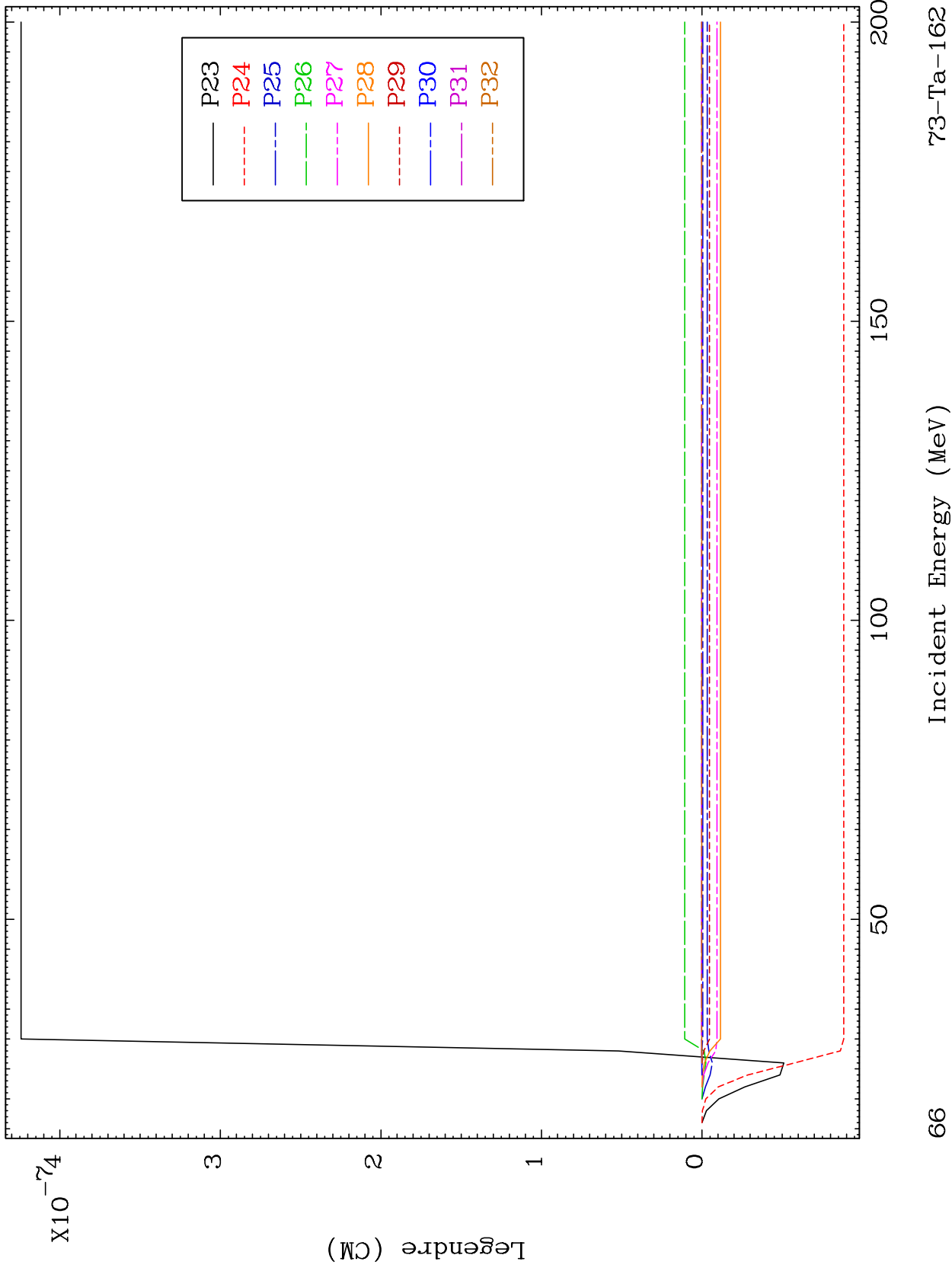
Incident Energy (MeV)

65

MAT 7271

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

73-Ta-162



66

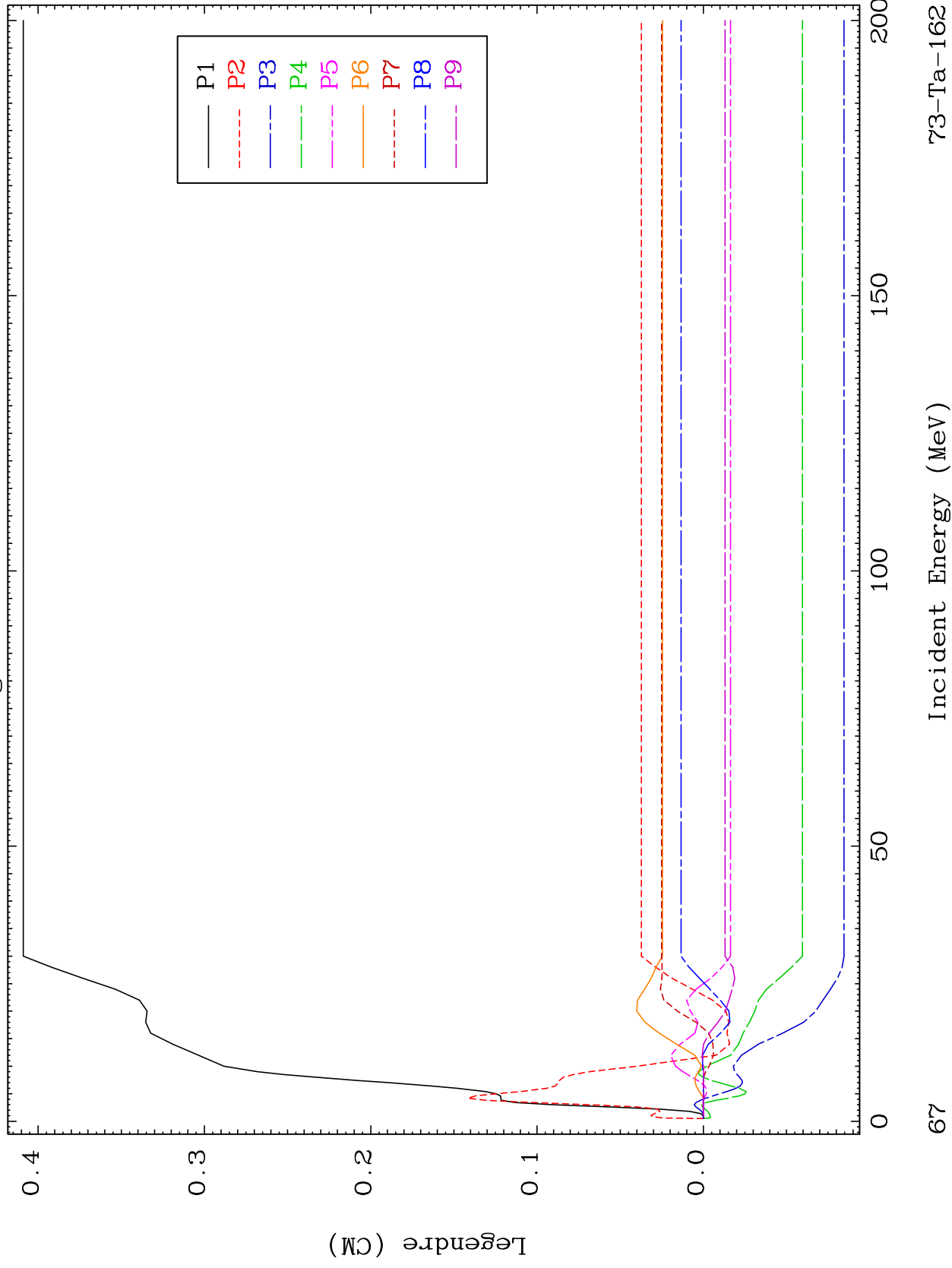
Incident Energy (MeV)

73-Ta-162

MAT 7271

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

73-Ta-162



73-Ta-162

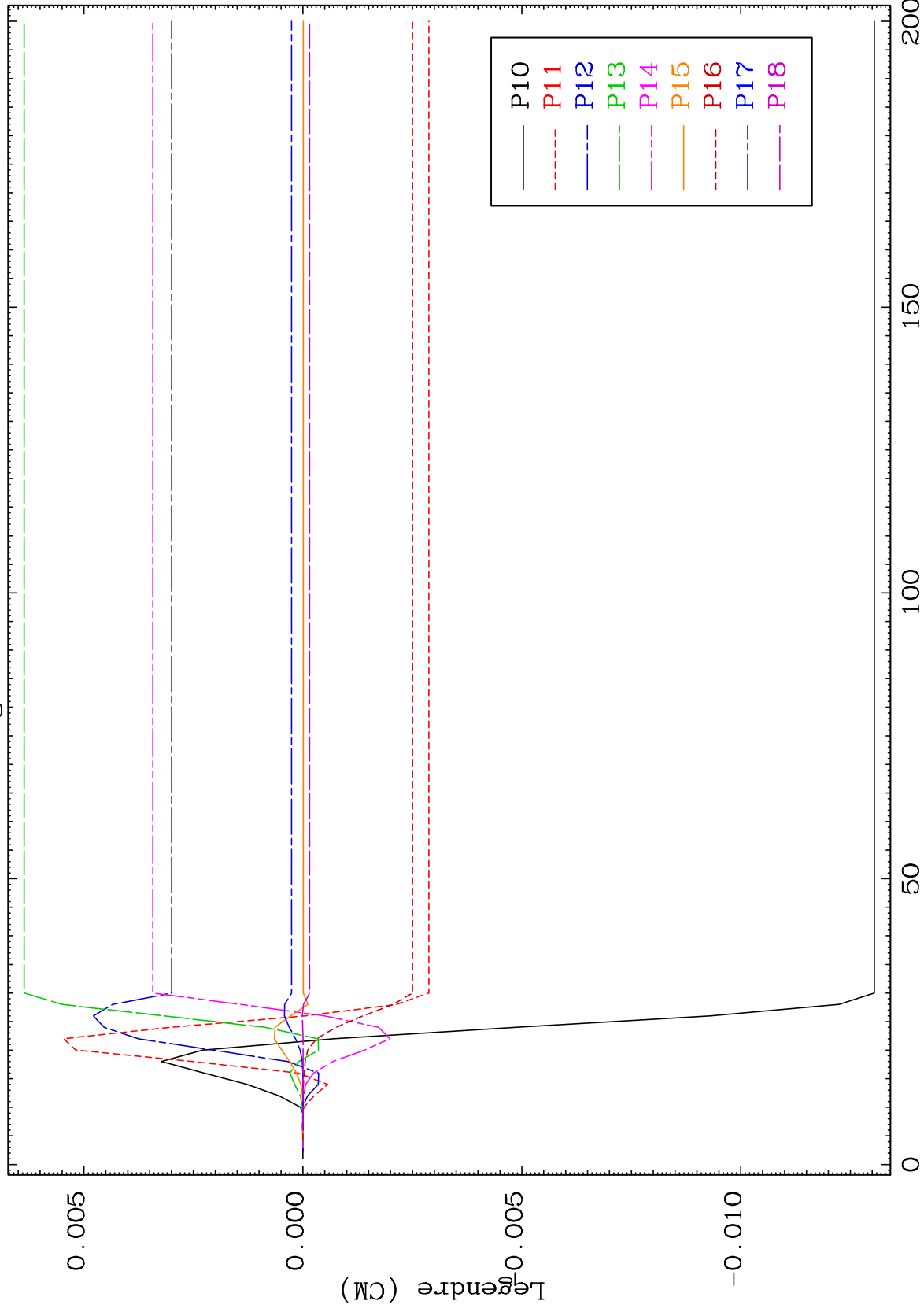
Incident Energy (MeV)

67

MAT 7271

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

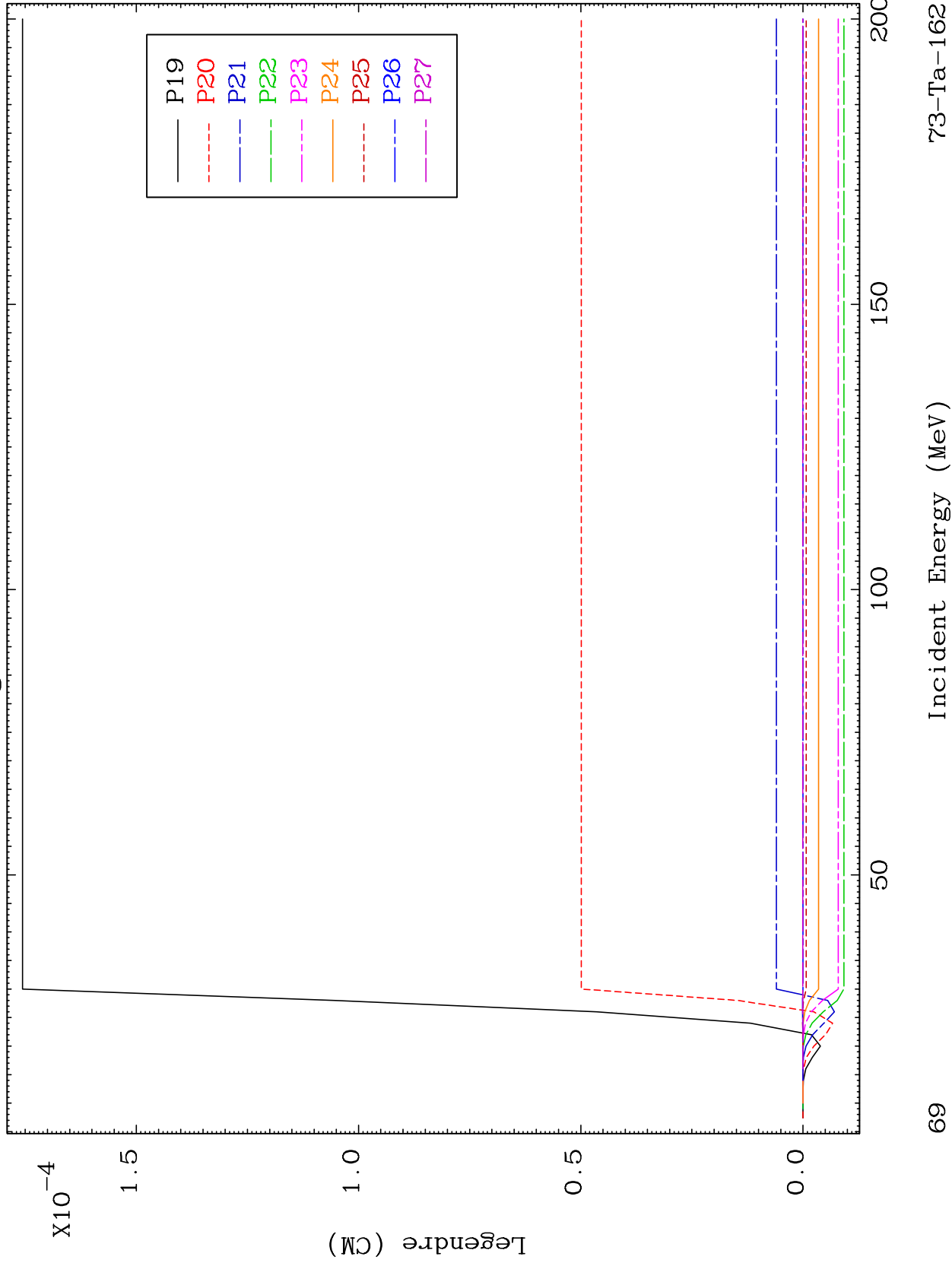
73-Ta-162



68

Incident Energy (MeV)

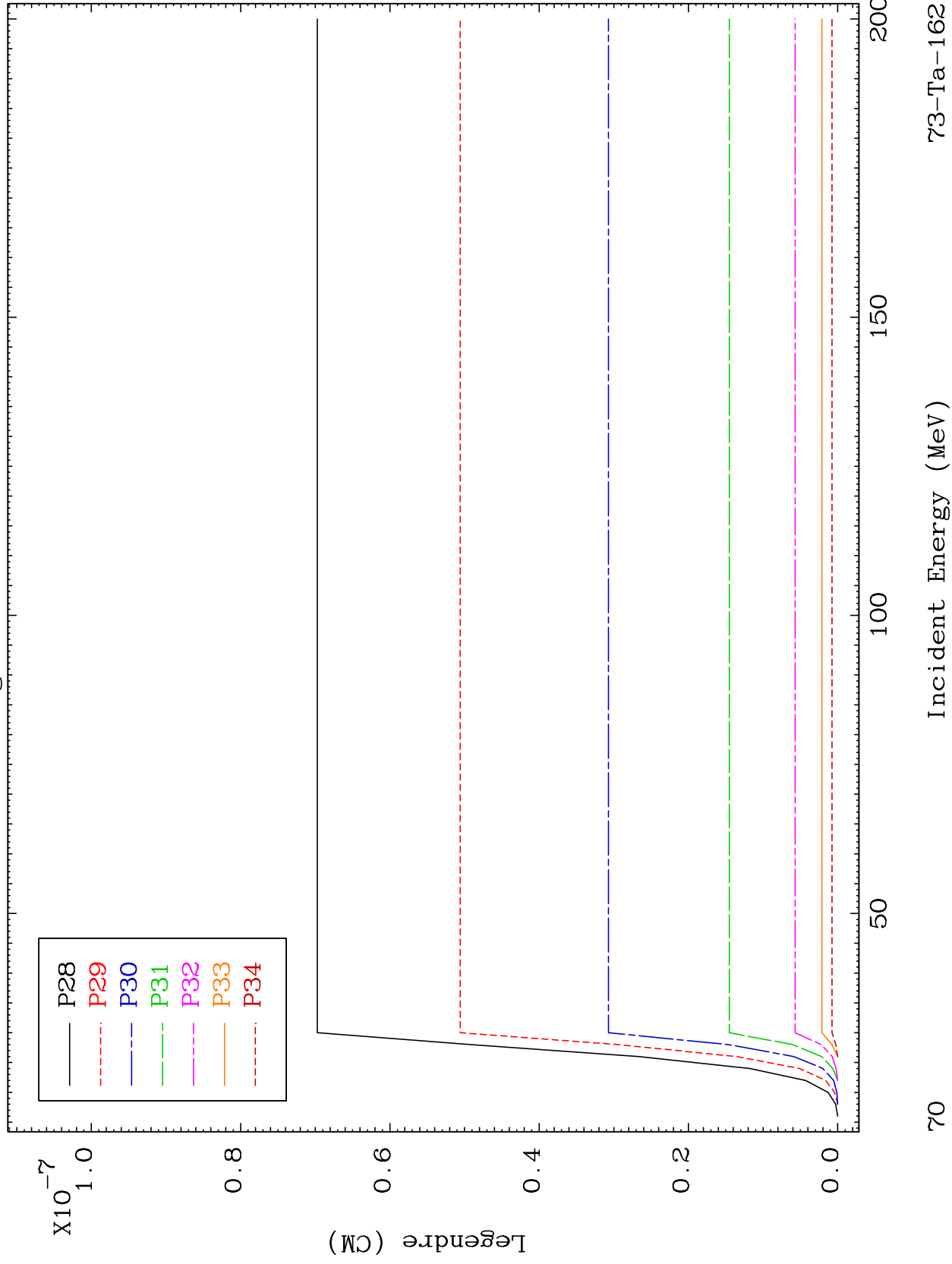
73-Ta-162



MAT 7271

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

⁷³Ta-162



⁷³Ta-162

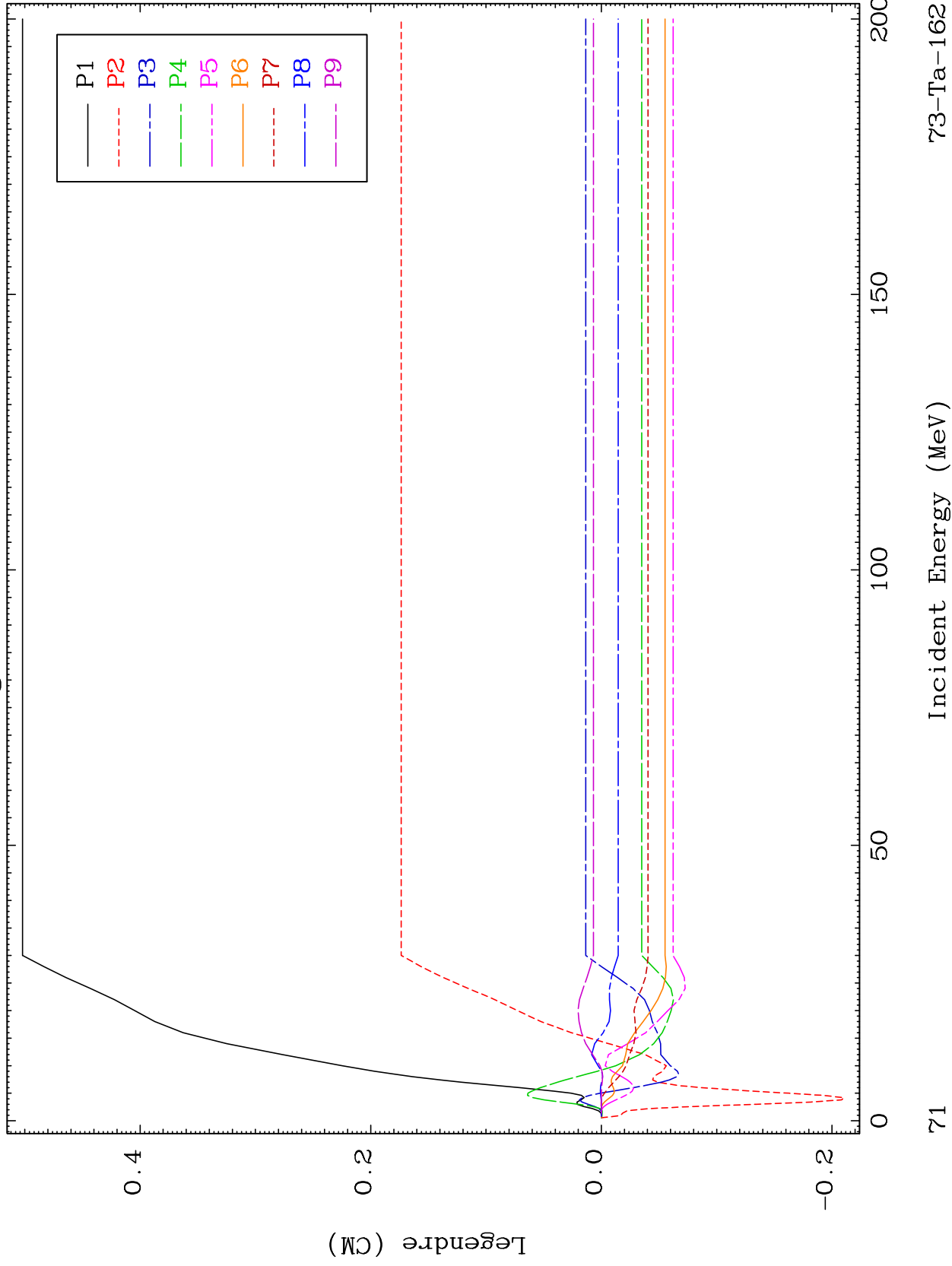
Incident Energy (MeV)

70

MAT 7271

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

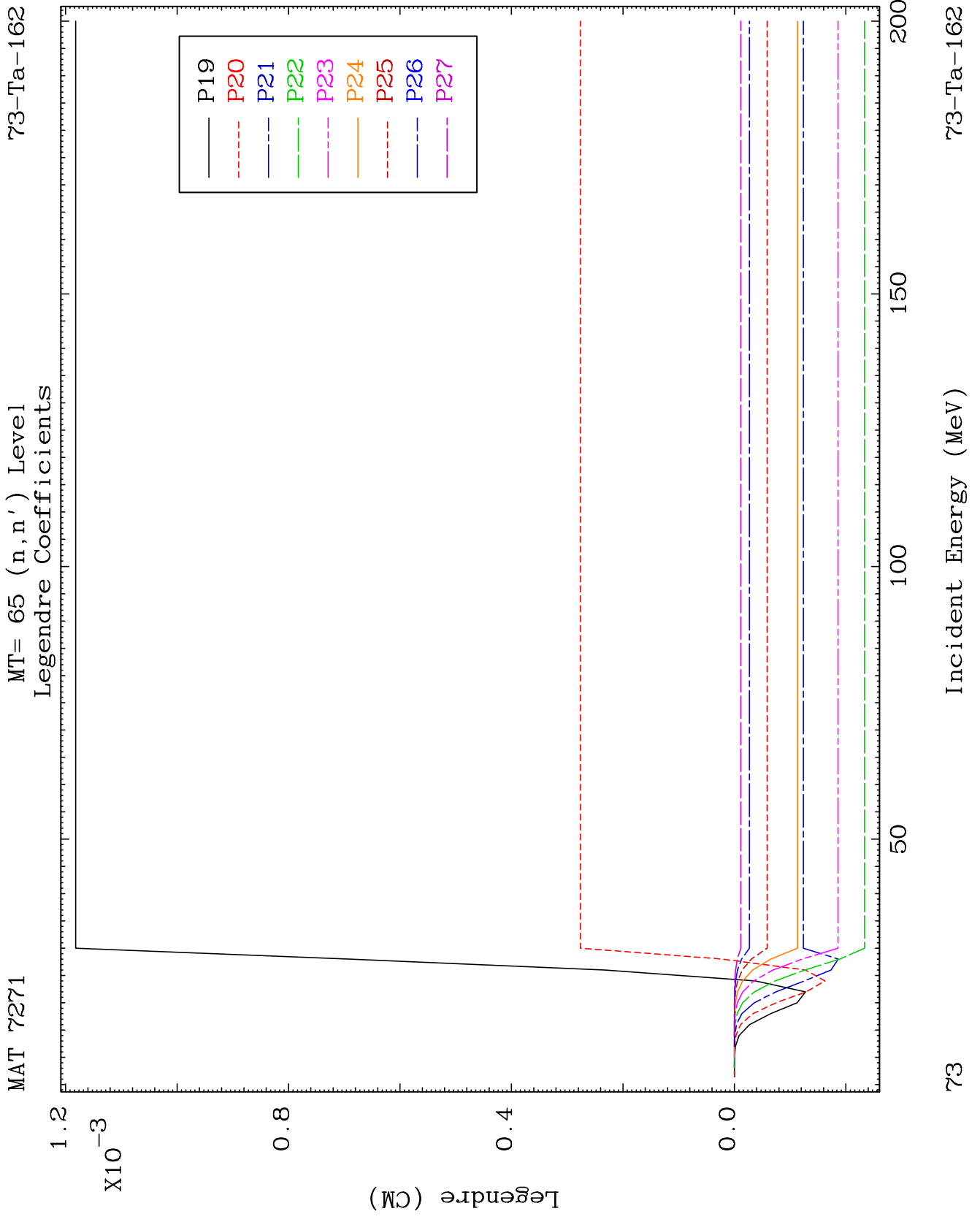
73-Ta-162

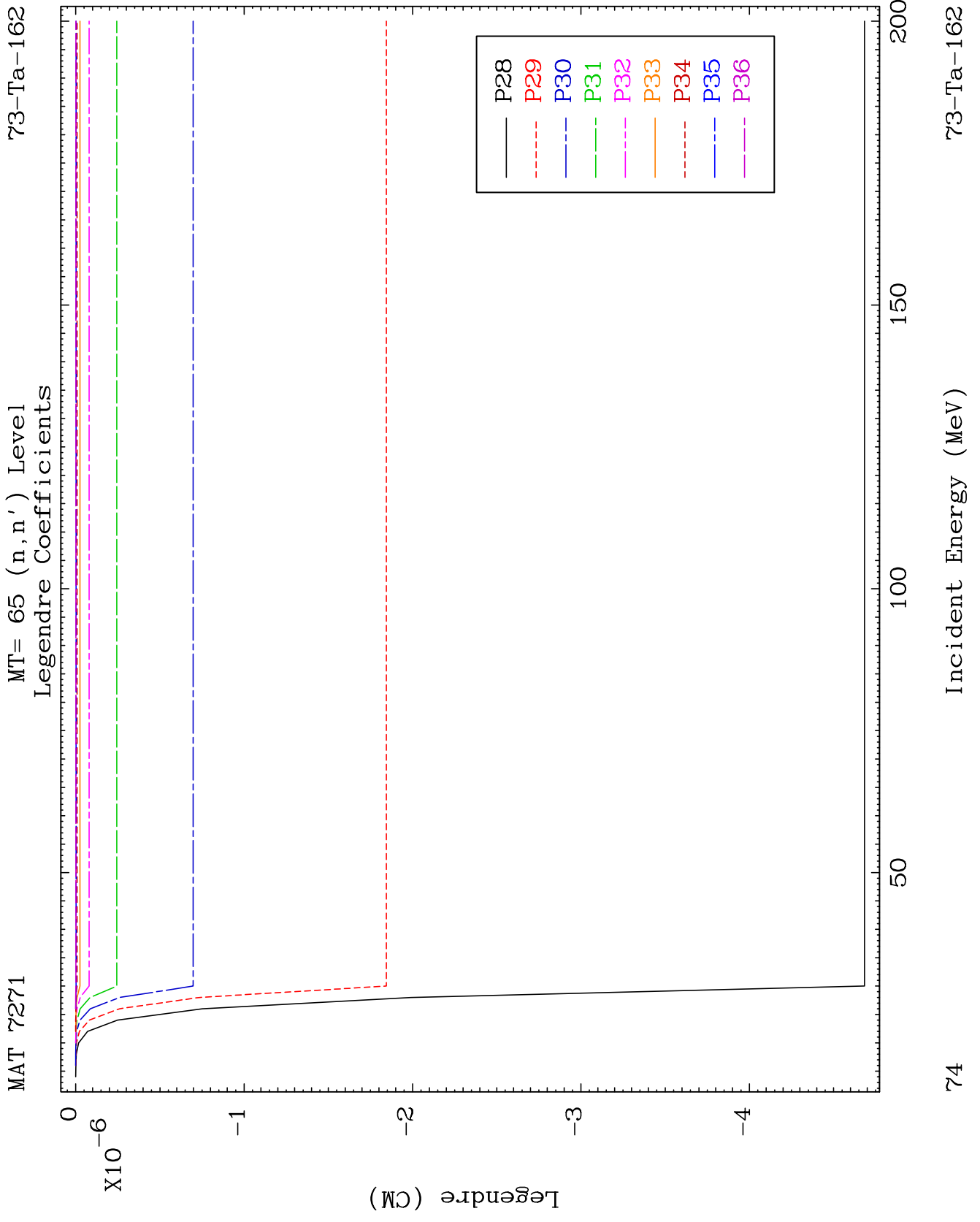


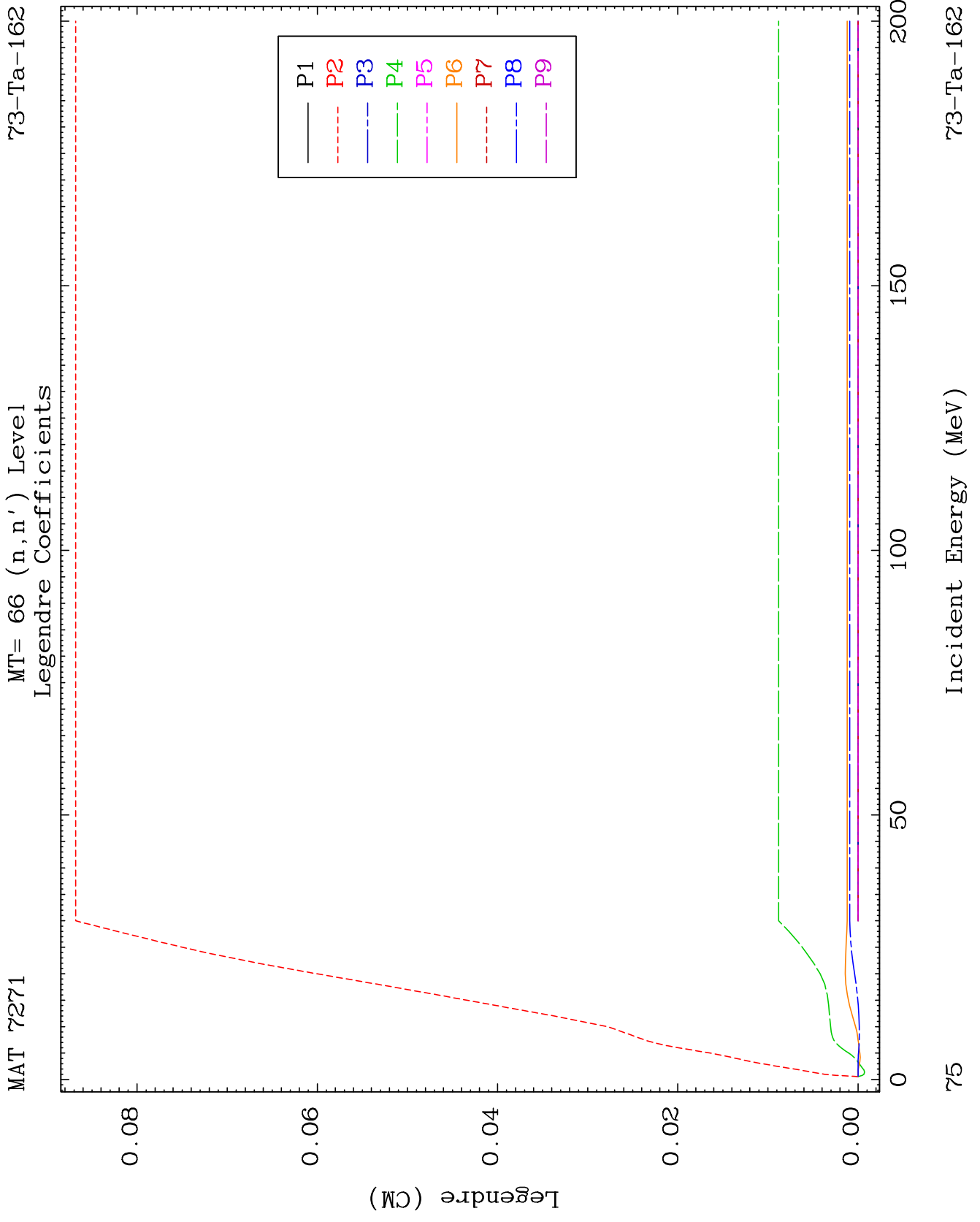
71

Incident Energy (MeV)

73-Ta-162



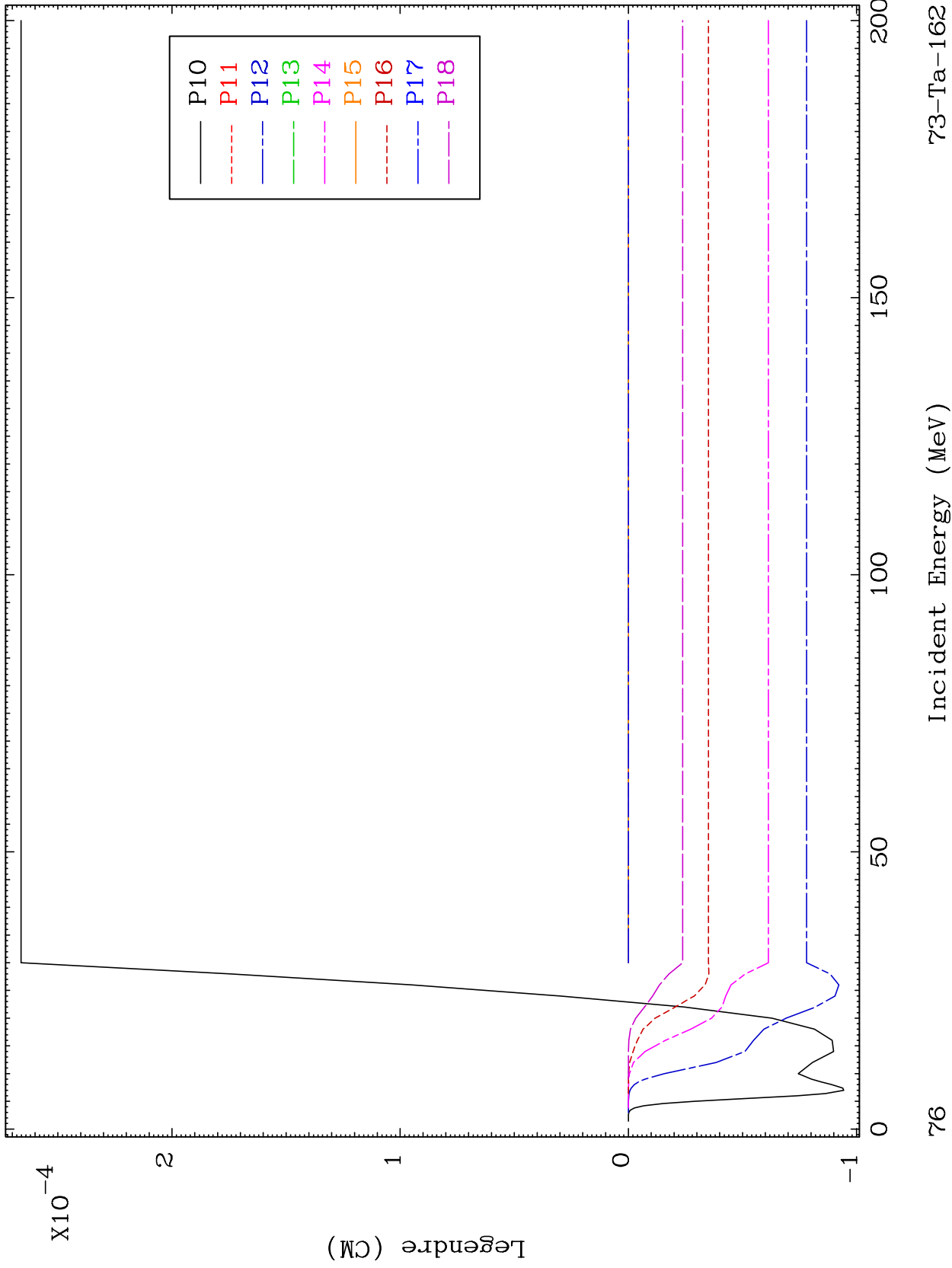




MAT 7271

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

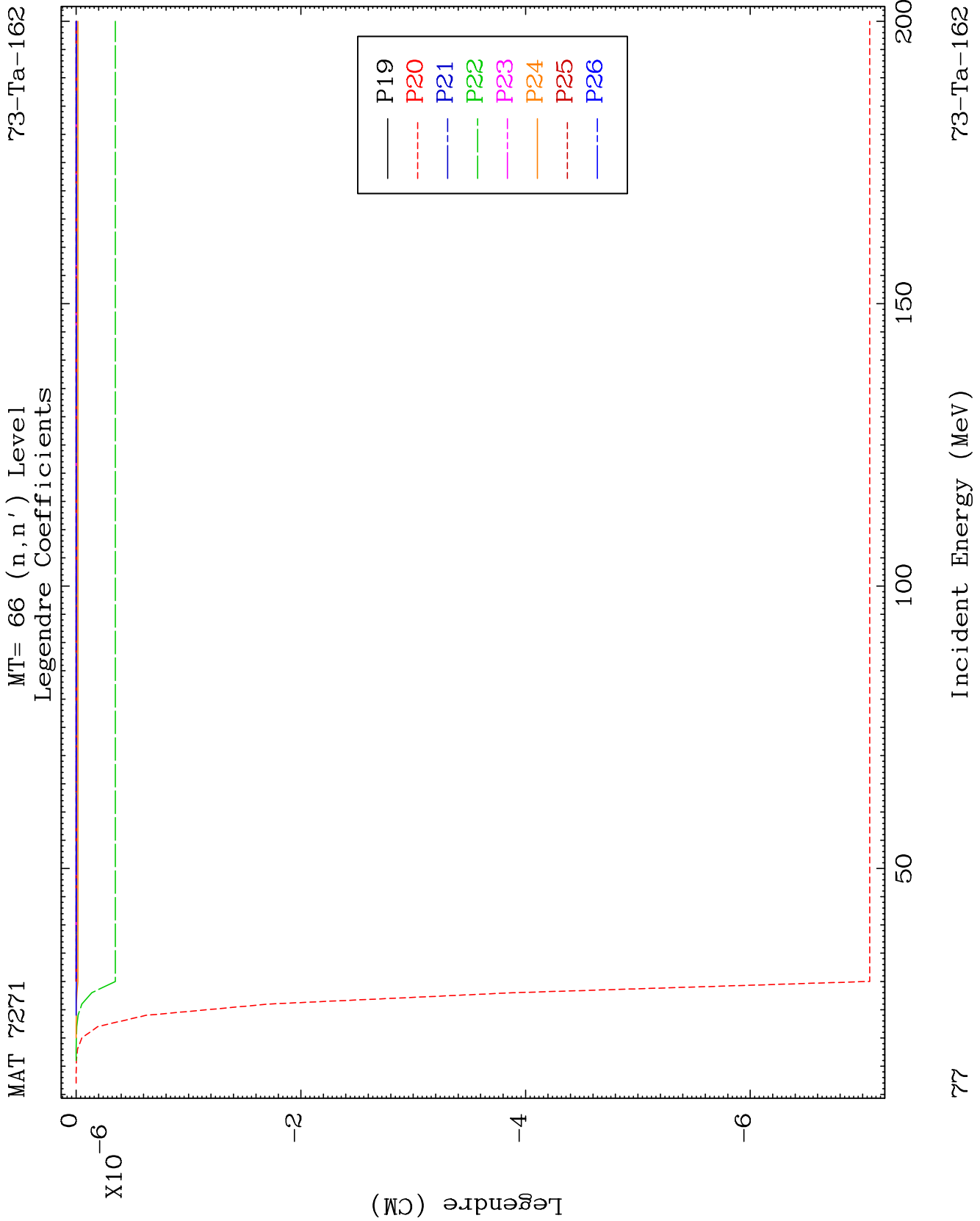
73-Ta-162



76

Incident Energy (MeV)

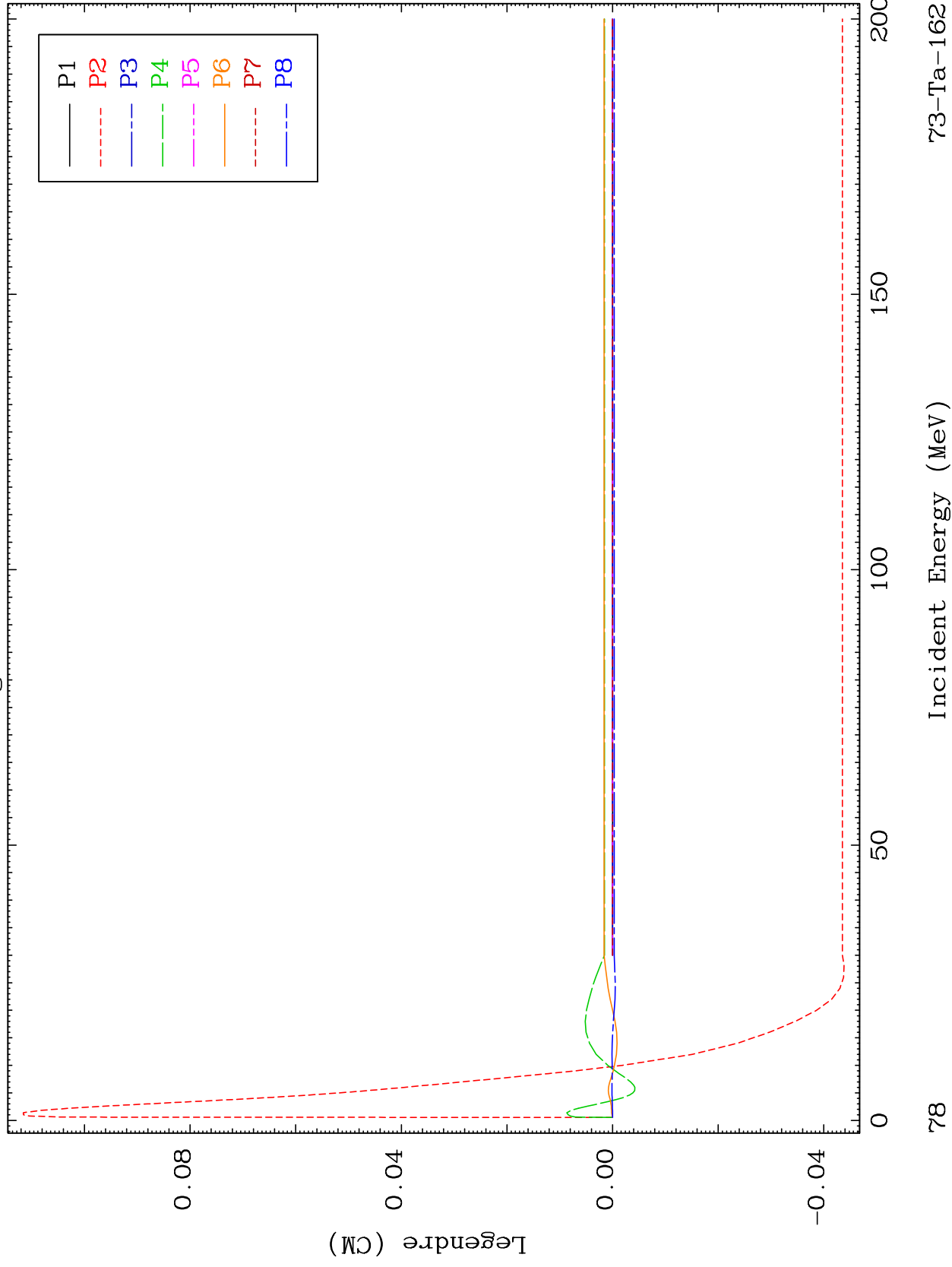
73-Ta-162



MAT 7271

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

73-Ta-162



73-Ta-162

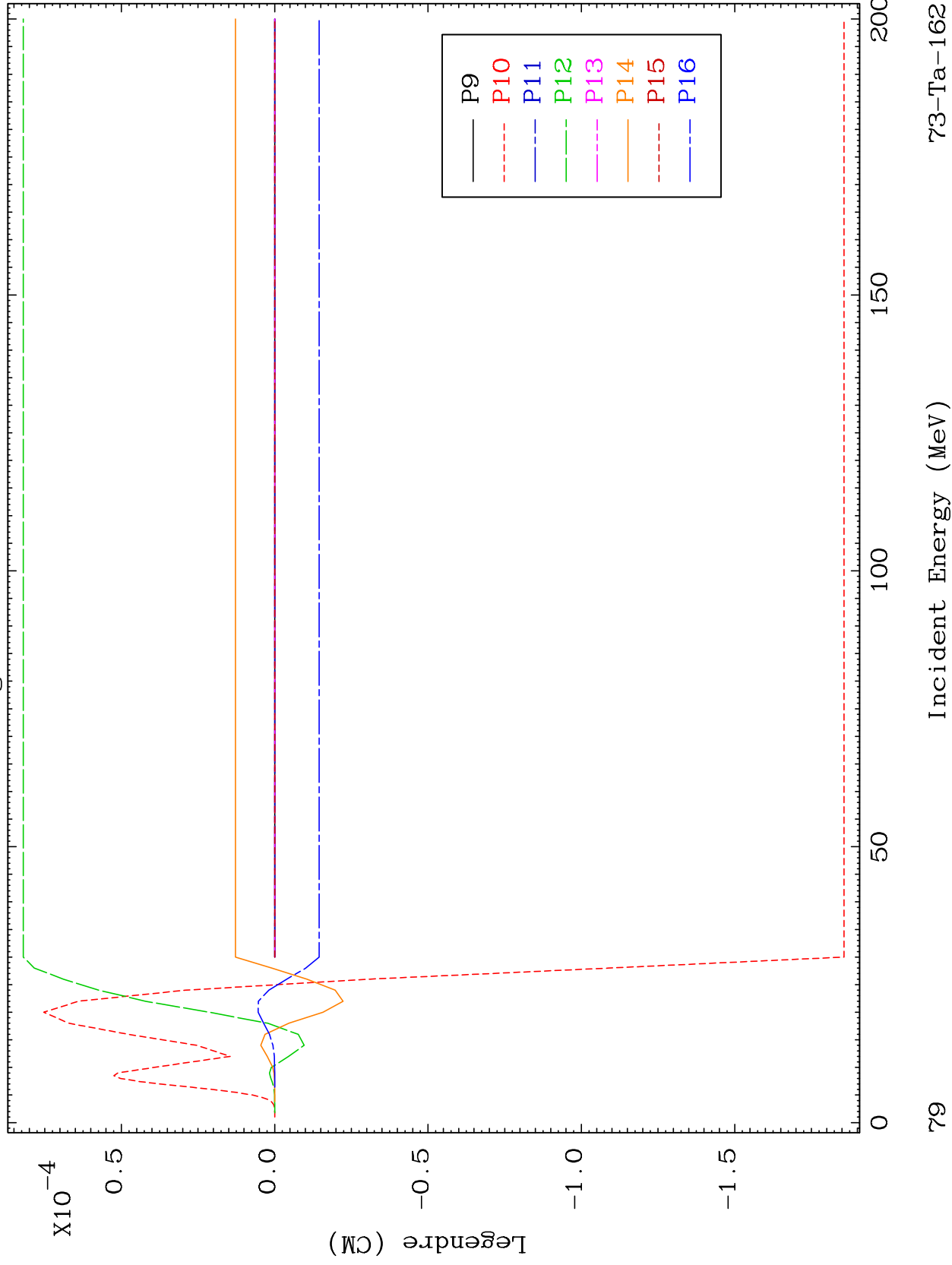
Incident Energy (MeV)

78

MAT 7271

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

73-Ta-162



79

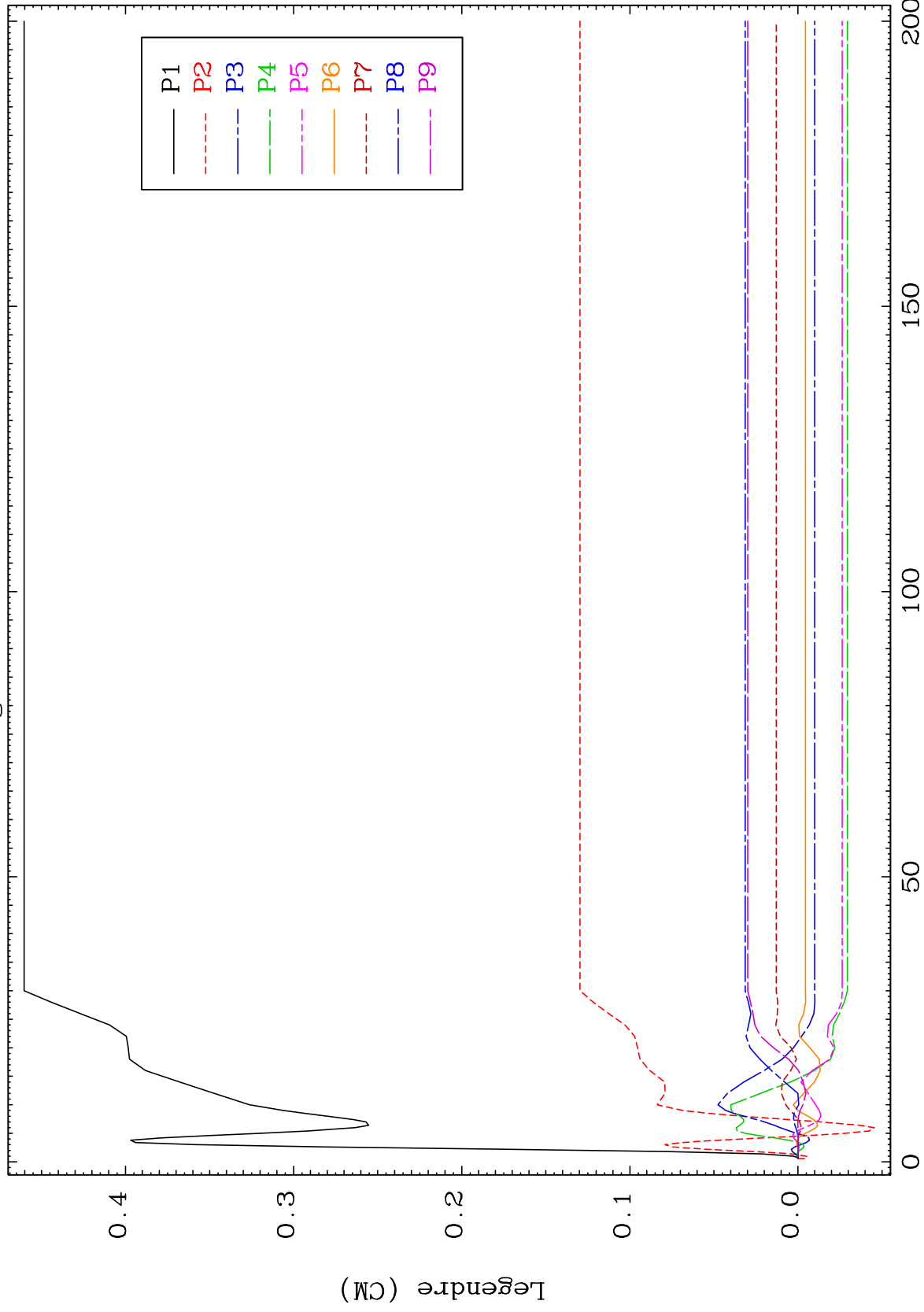
Incident Energy (MeV)

73-Ta-162

MAT 7271

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

73-Ta-162



81

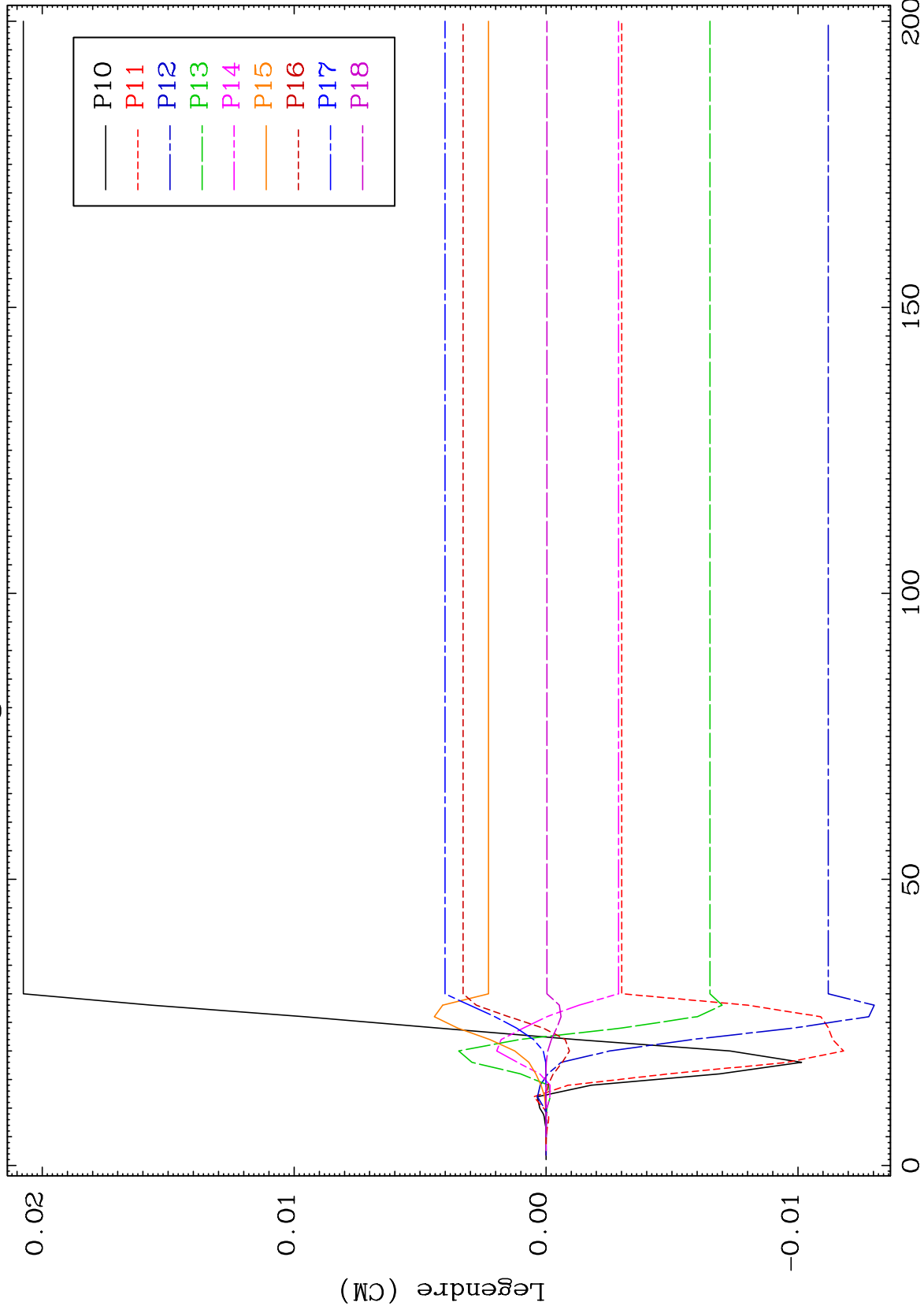
Incident Energy (MeV)

73-Ta-162

MAT 7271

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

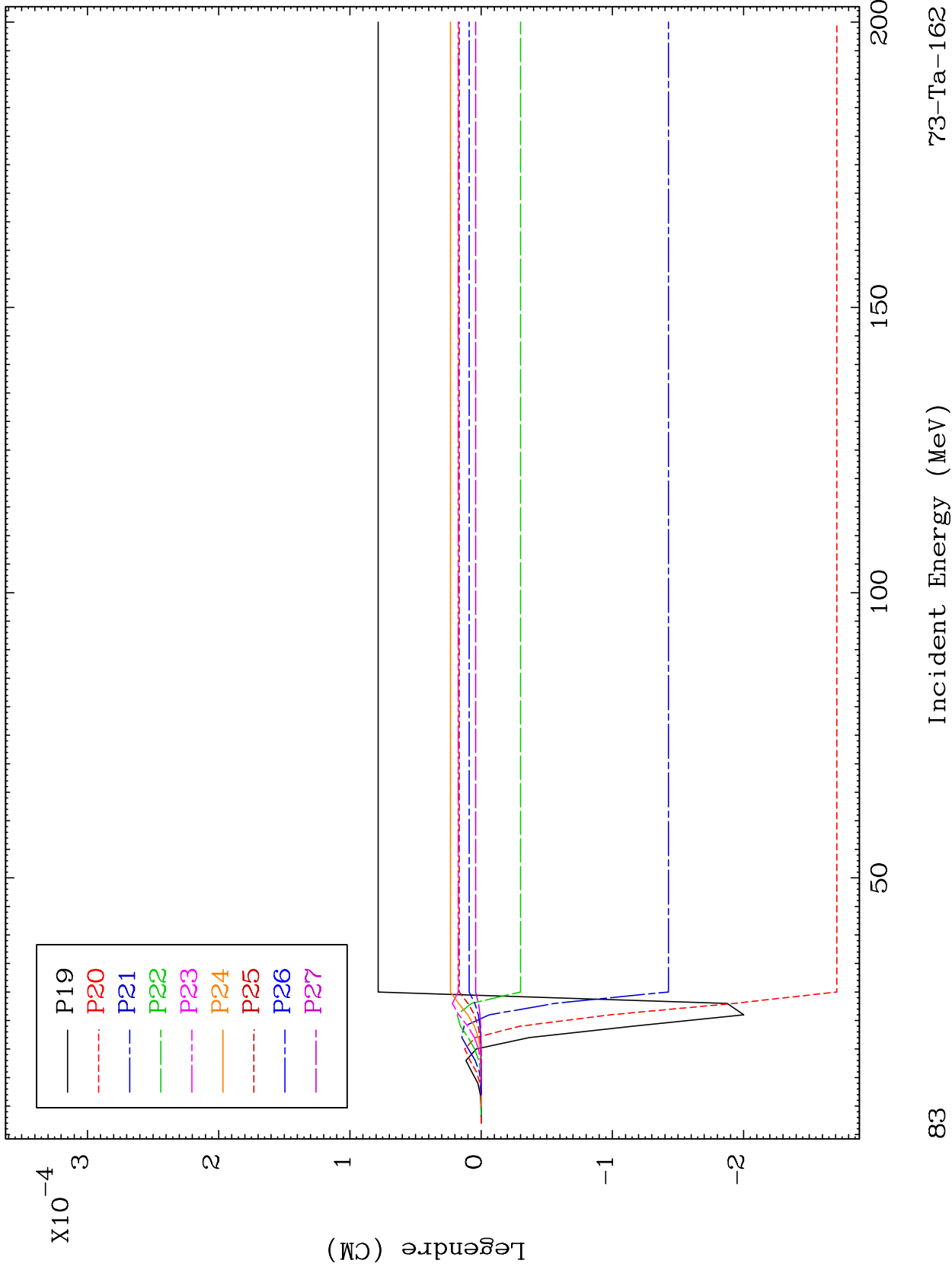
73-Ta-162



82

Incident Energy (MeV)

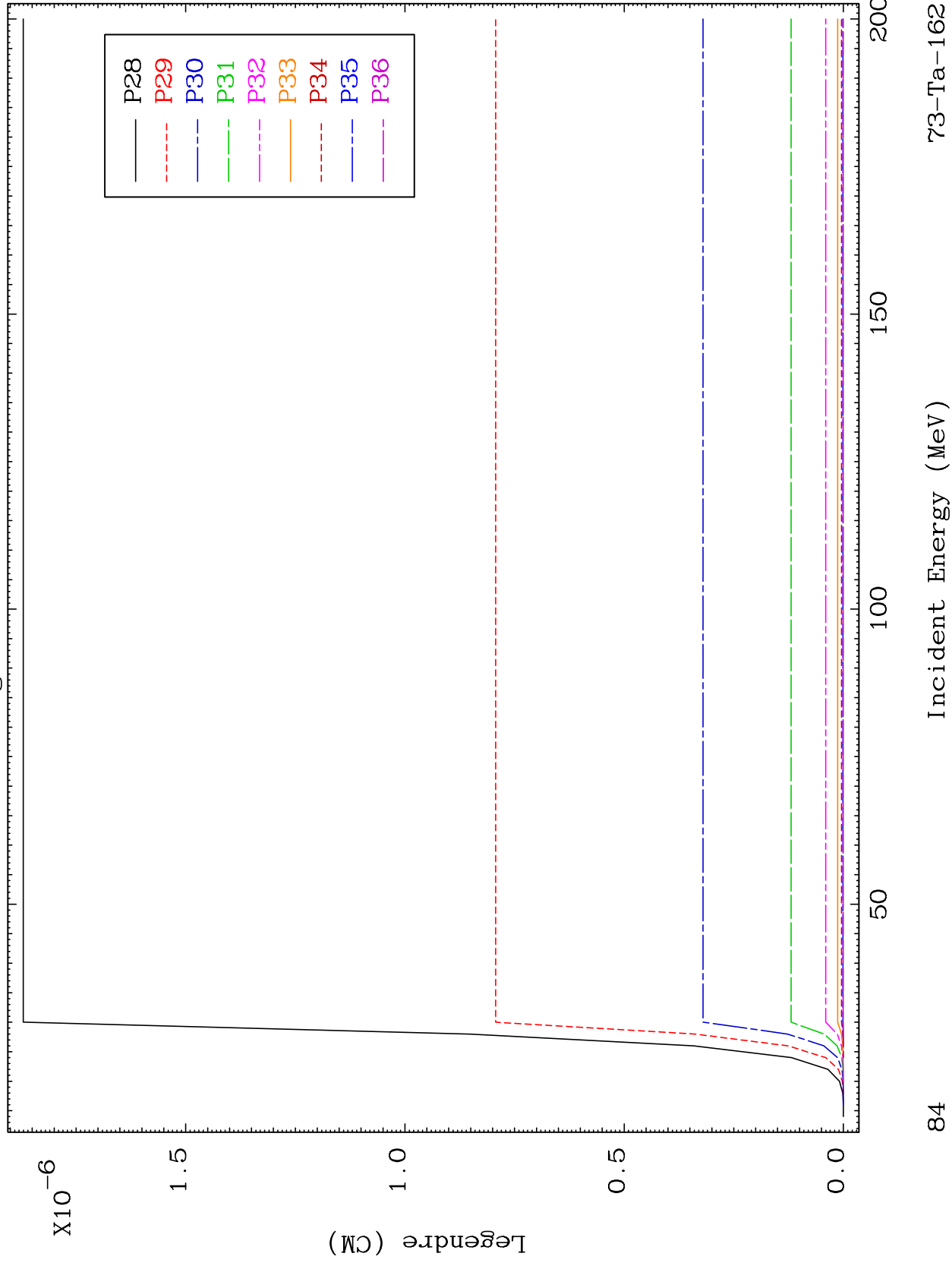
73-Ta-162



MAT 7271

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

73-Ta-162

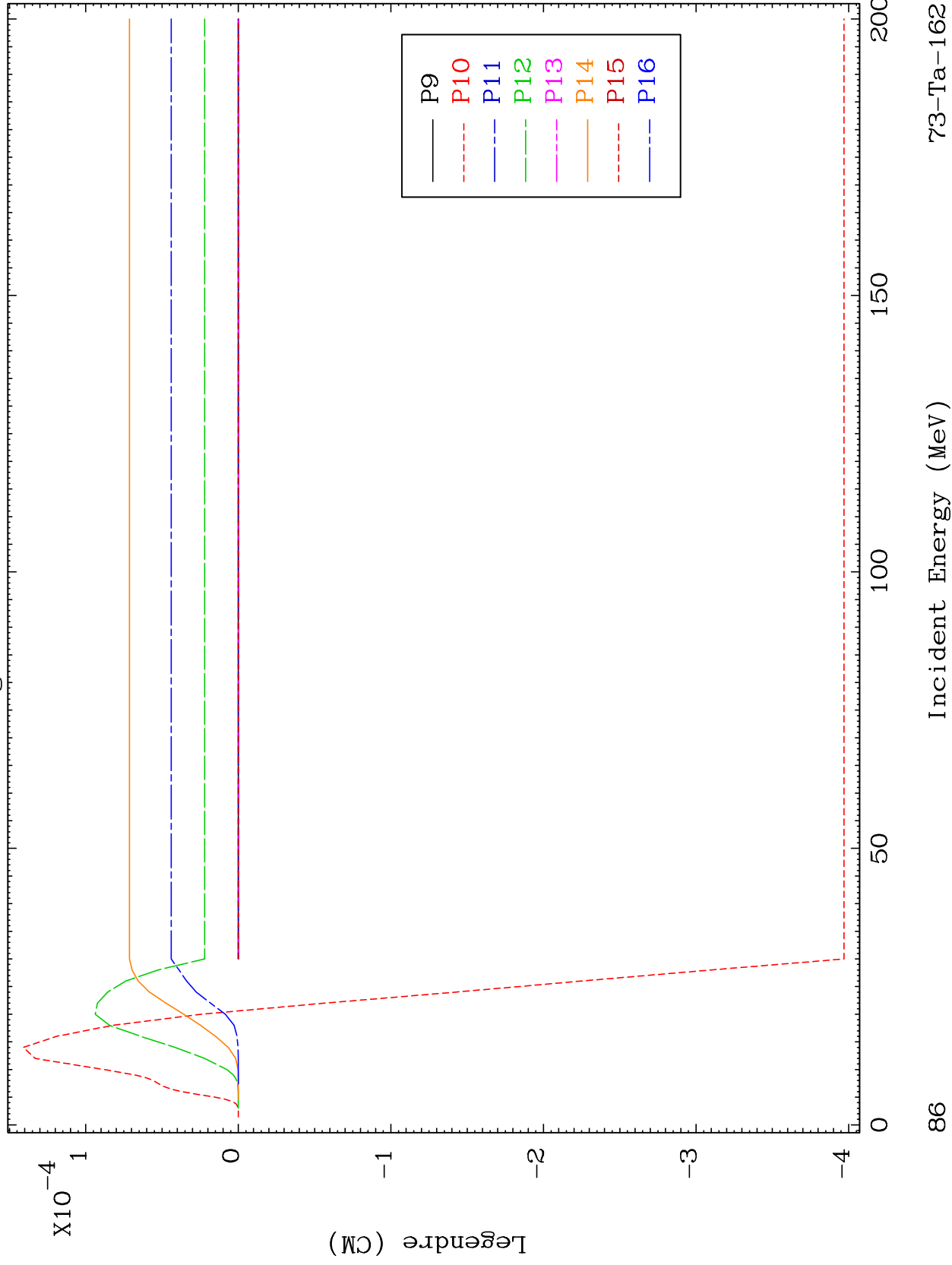


84

MAT 7271

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

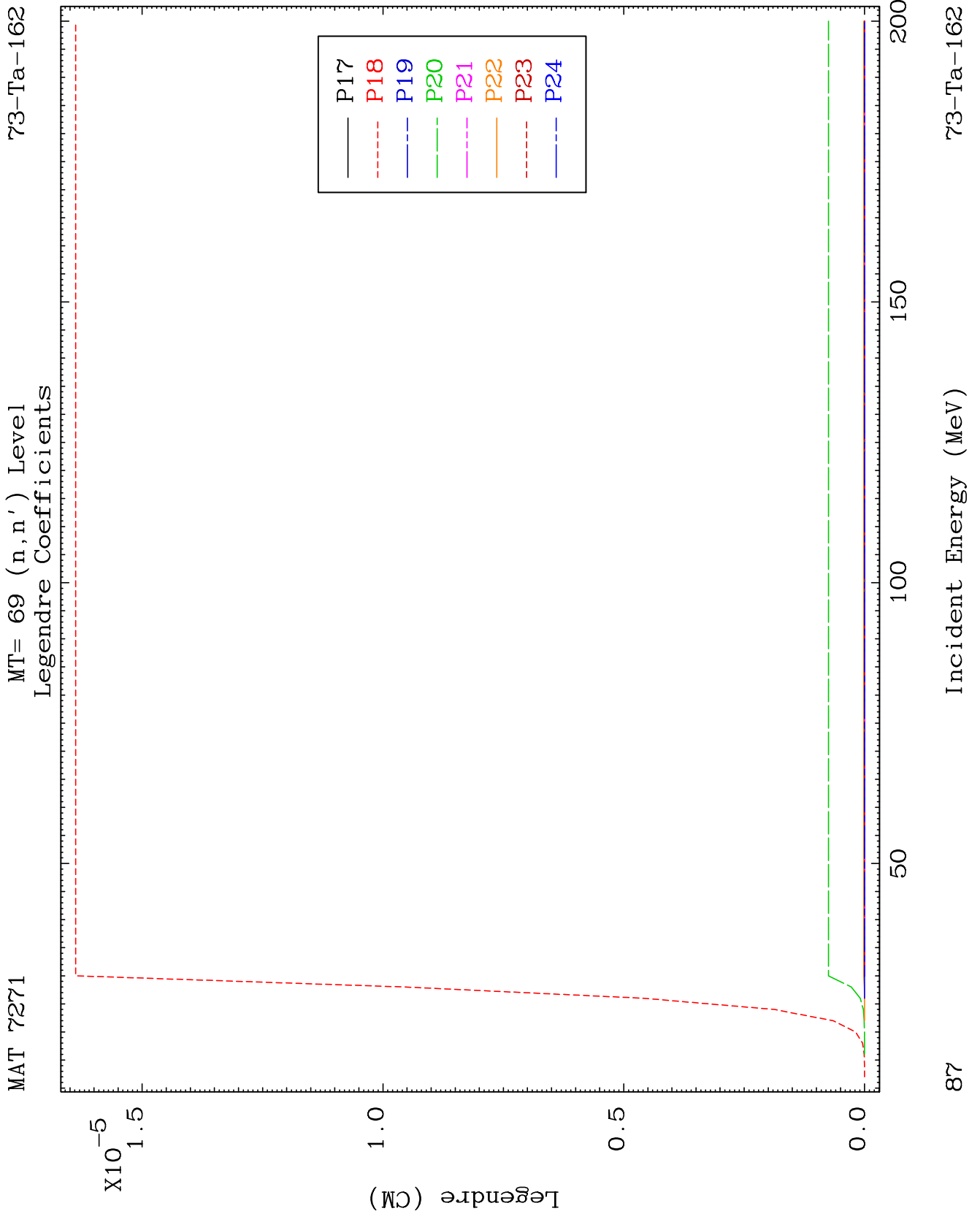
73-Ta-162



86

Incident Energy (MeV)

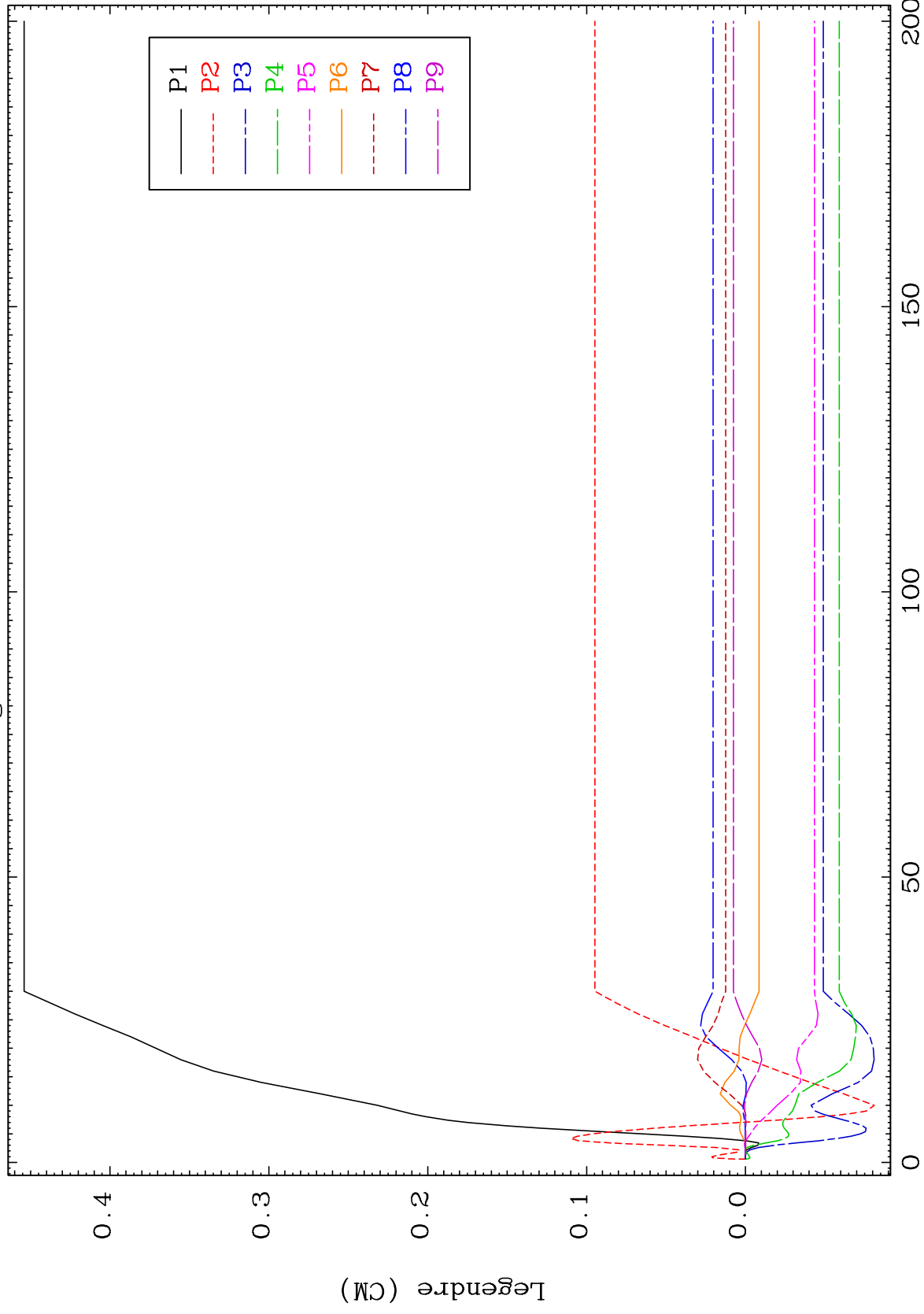
73-Ta-162



MAT 7271

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

73-Ta-162



88

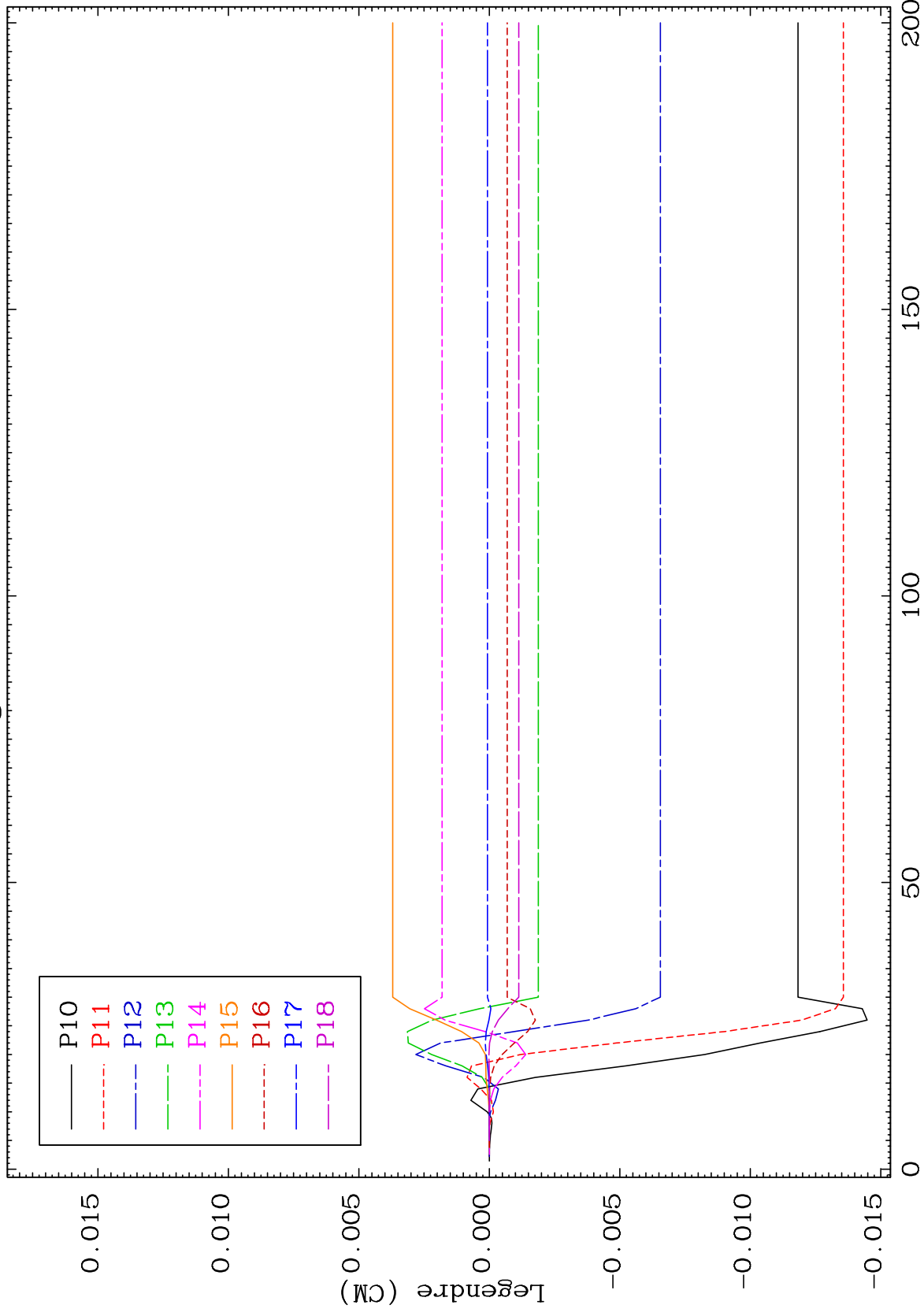
Incident Energy (MeV)

73-Ta-162

MAT 7271

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

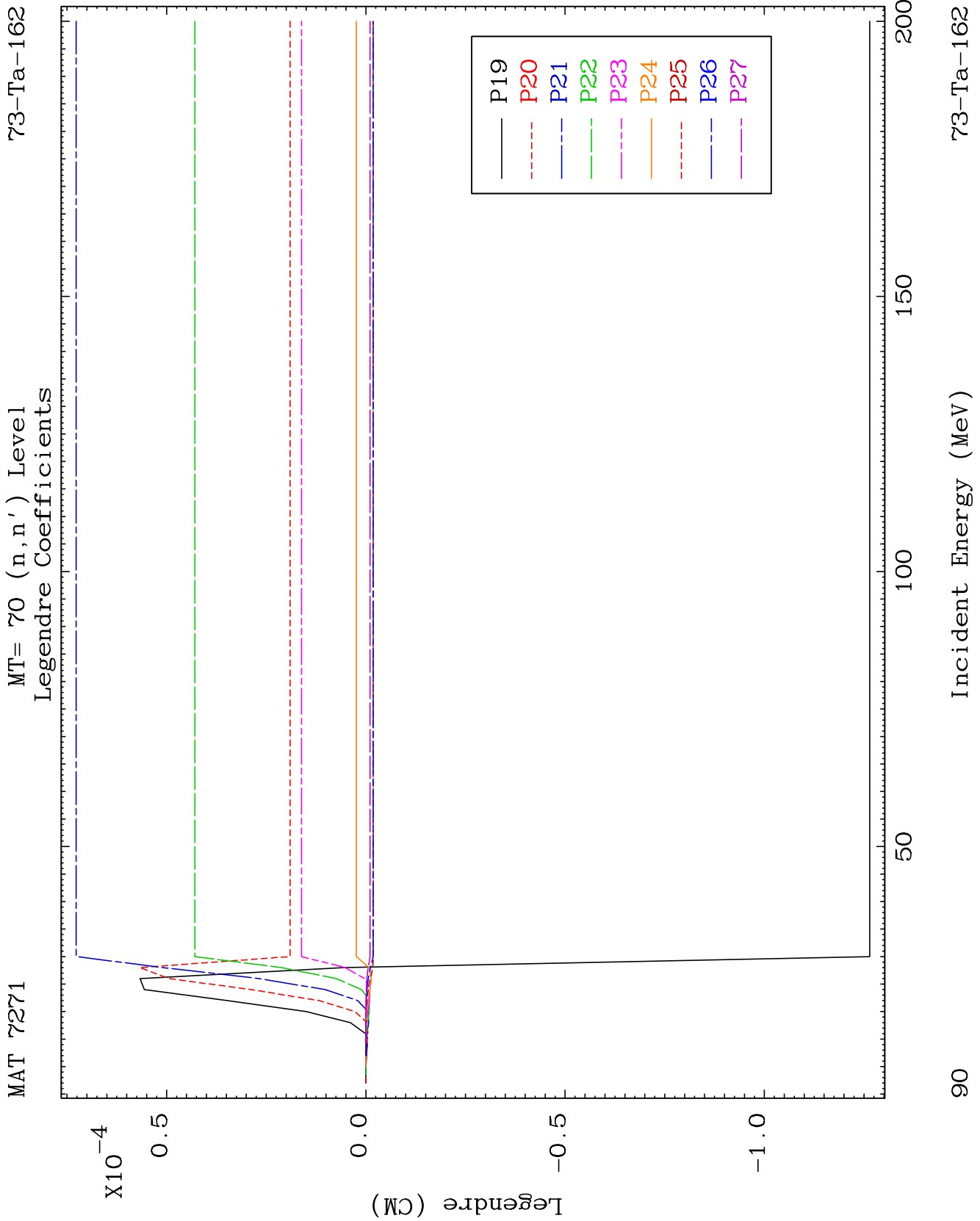
73-Ta-162

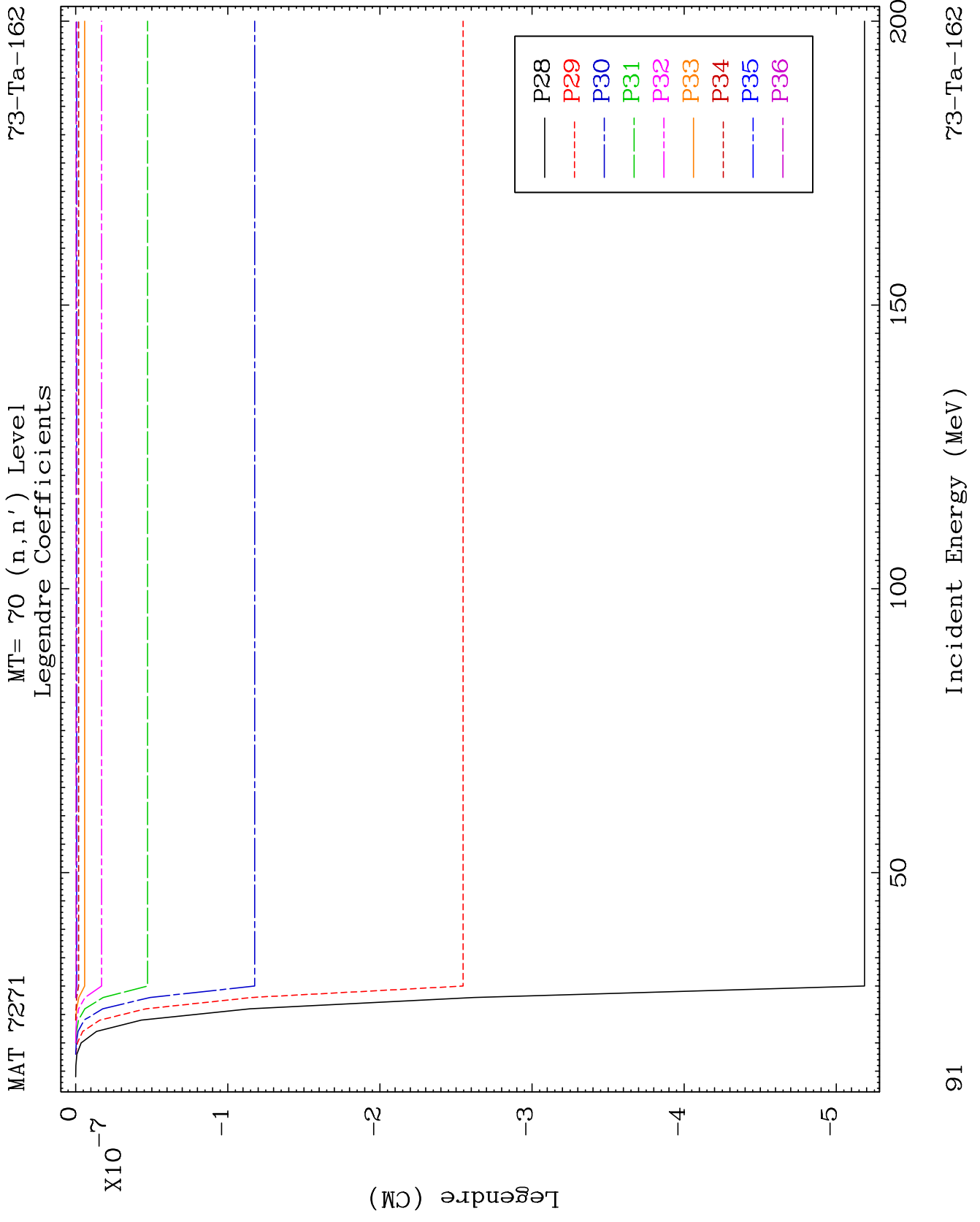


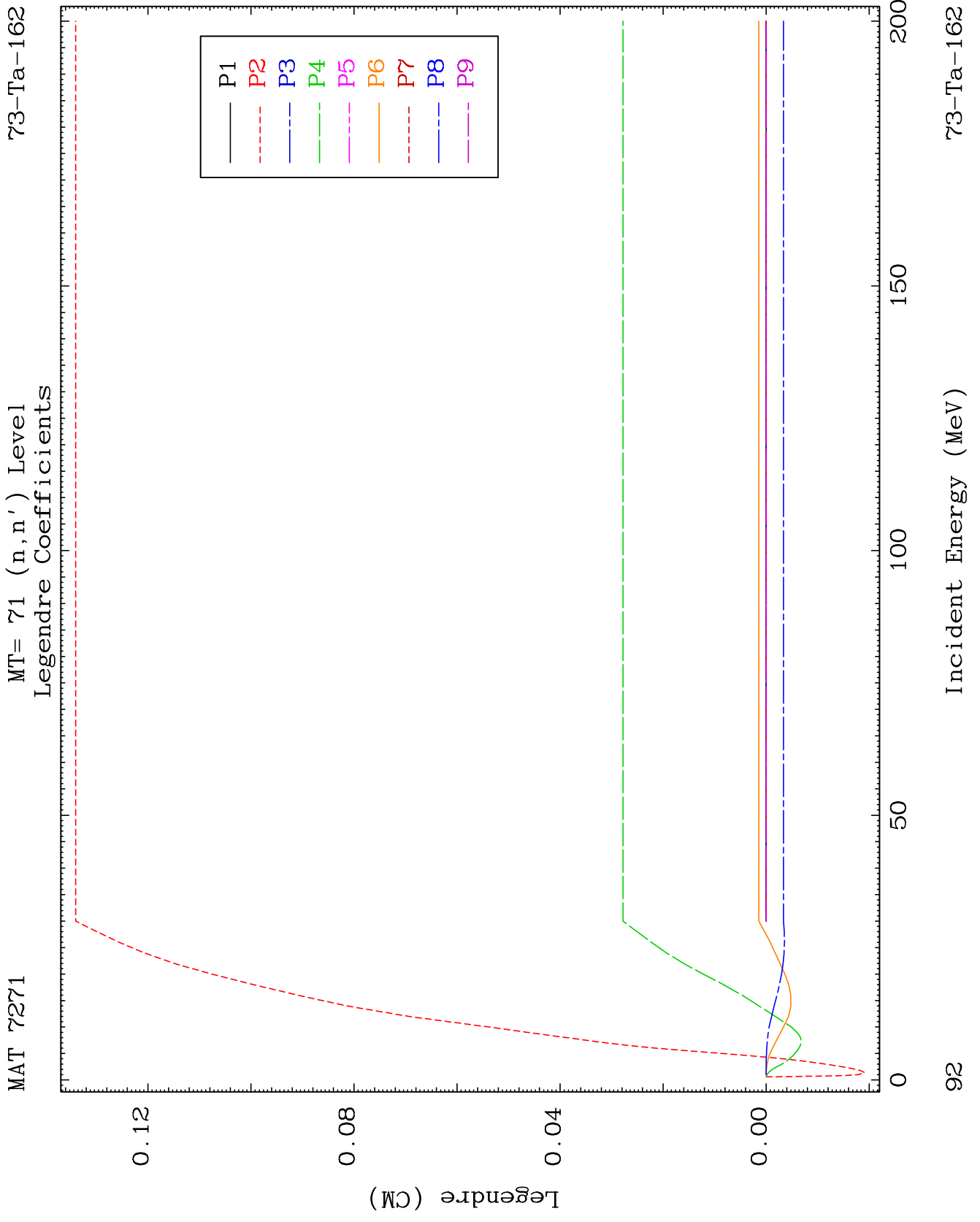
89

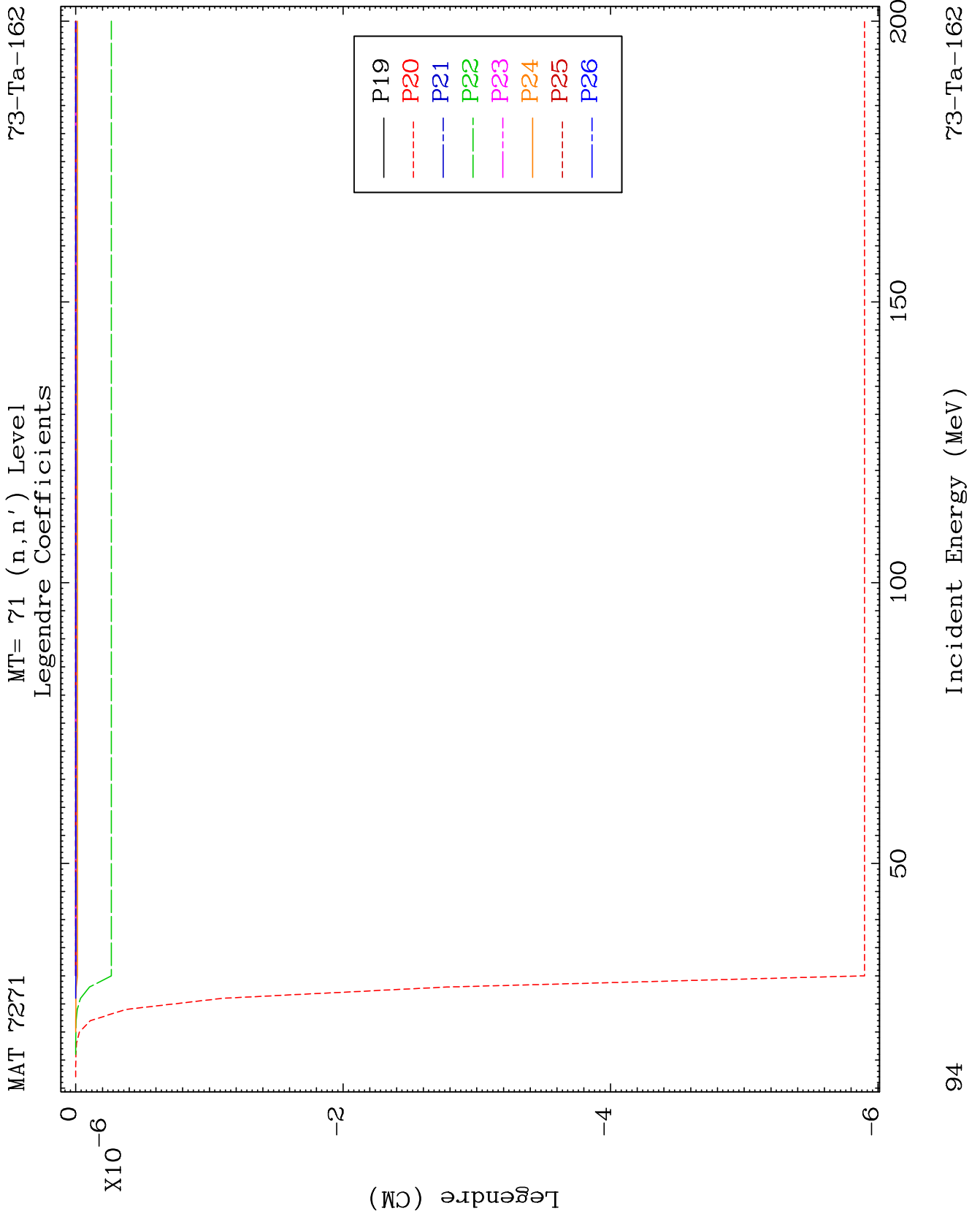
Incident Energy (MeV)

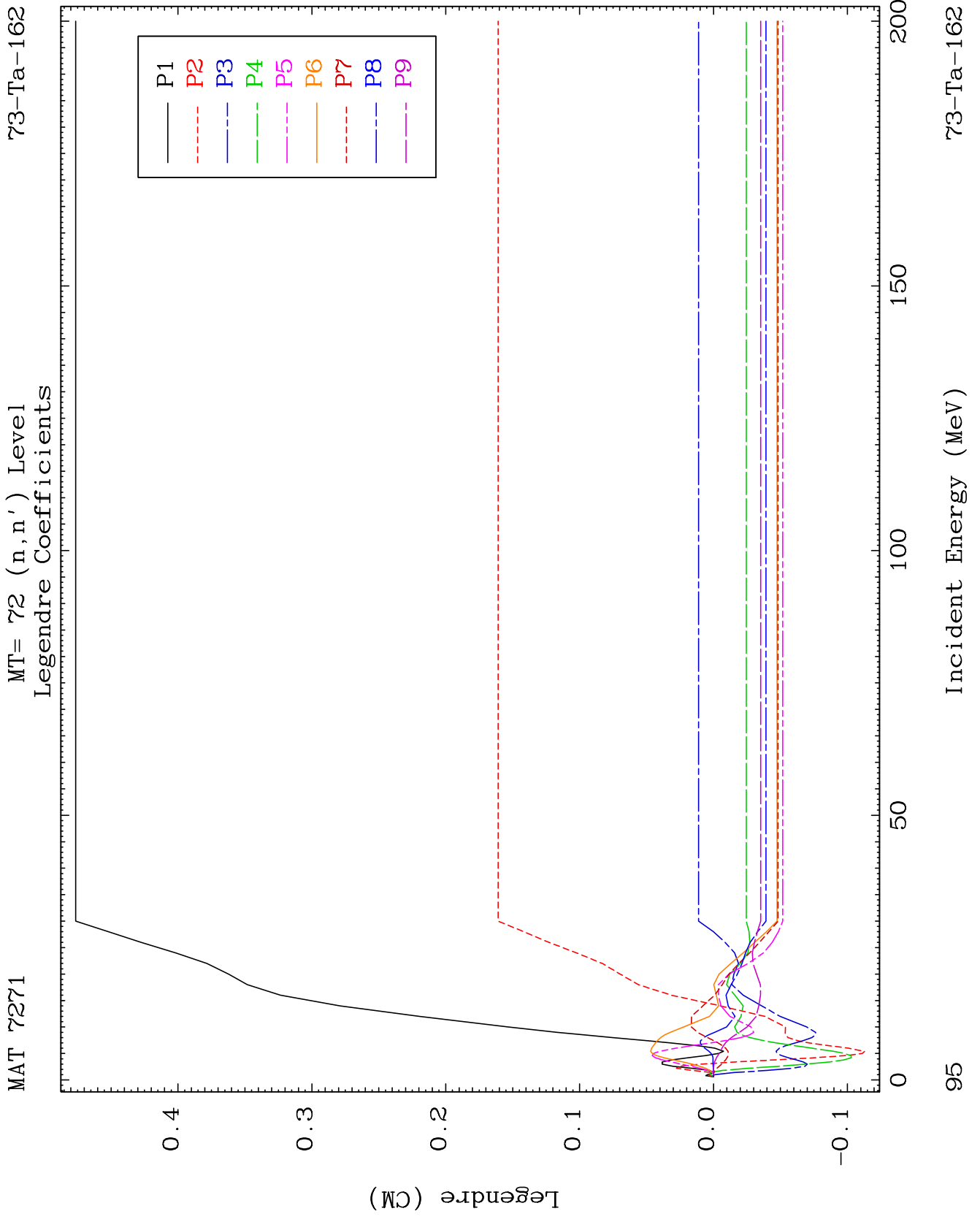
73-Ta-162

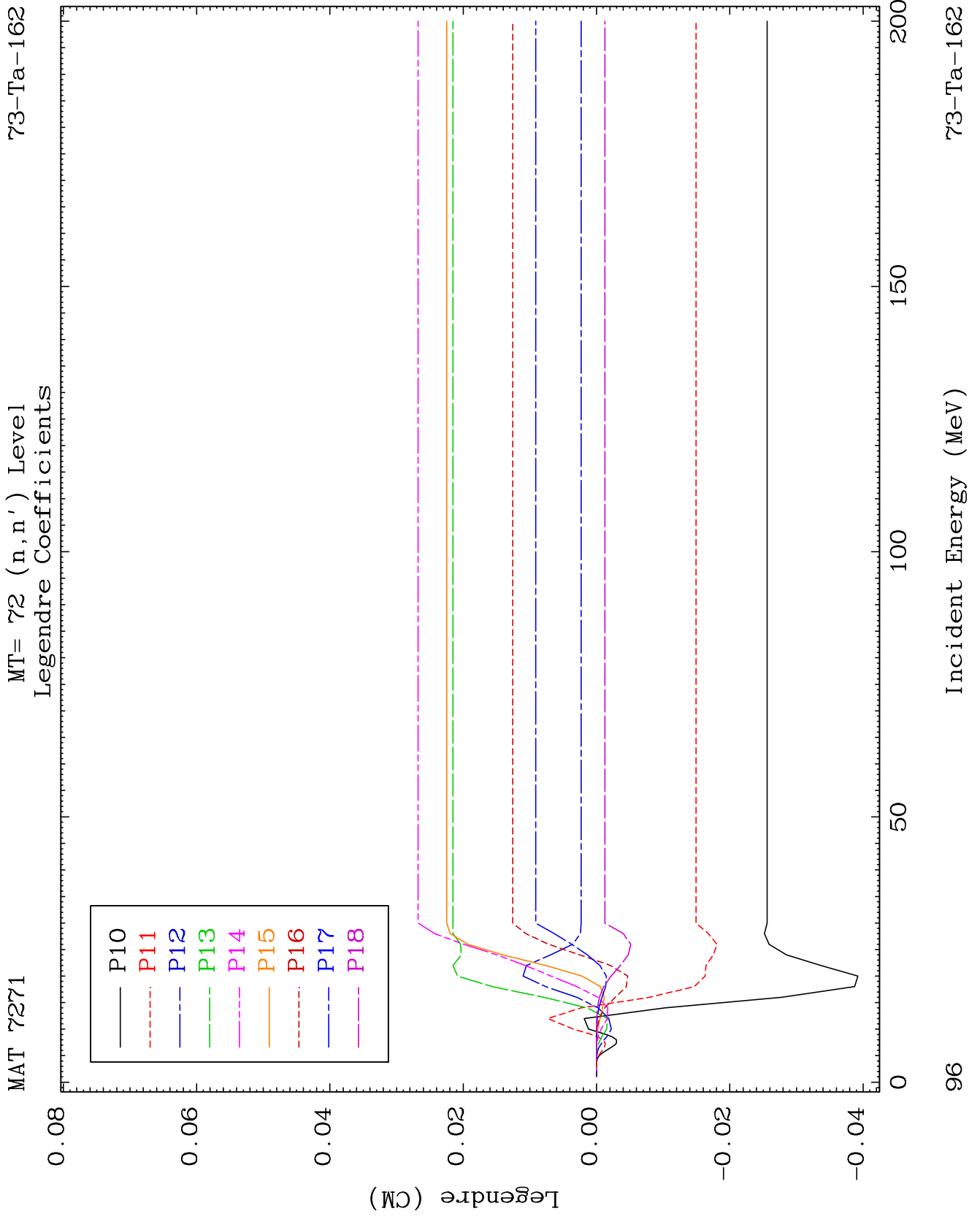








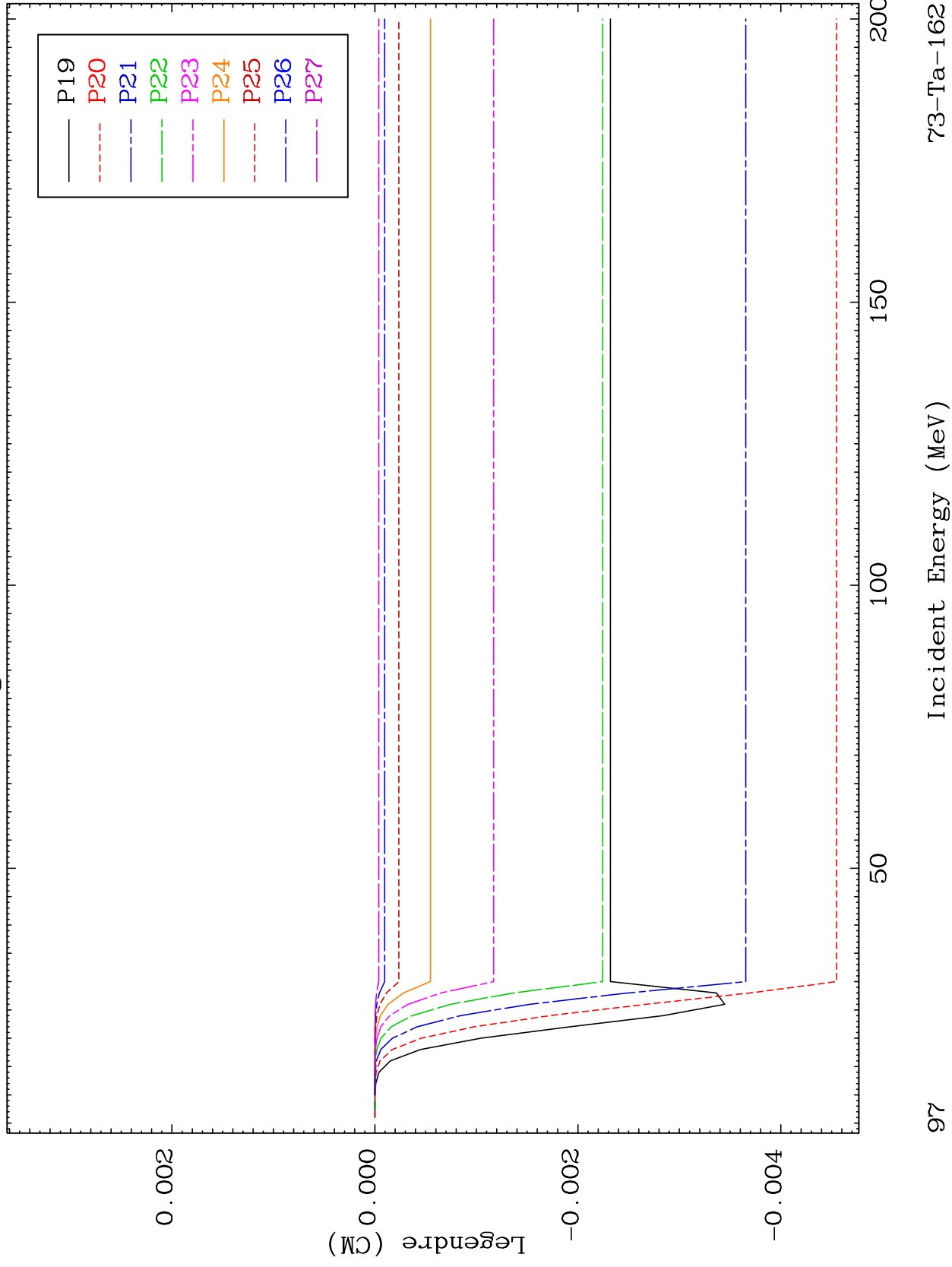


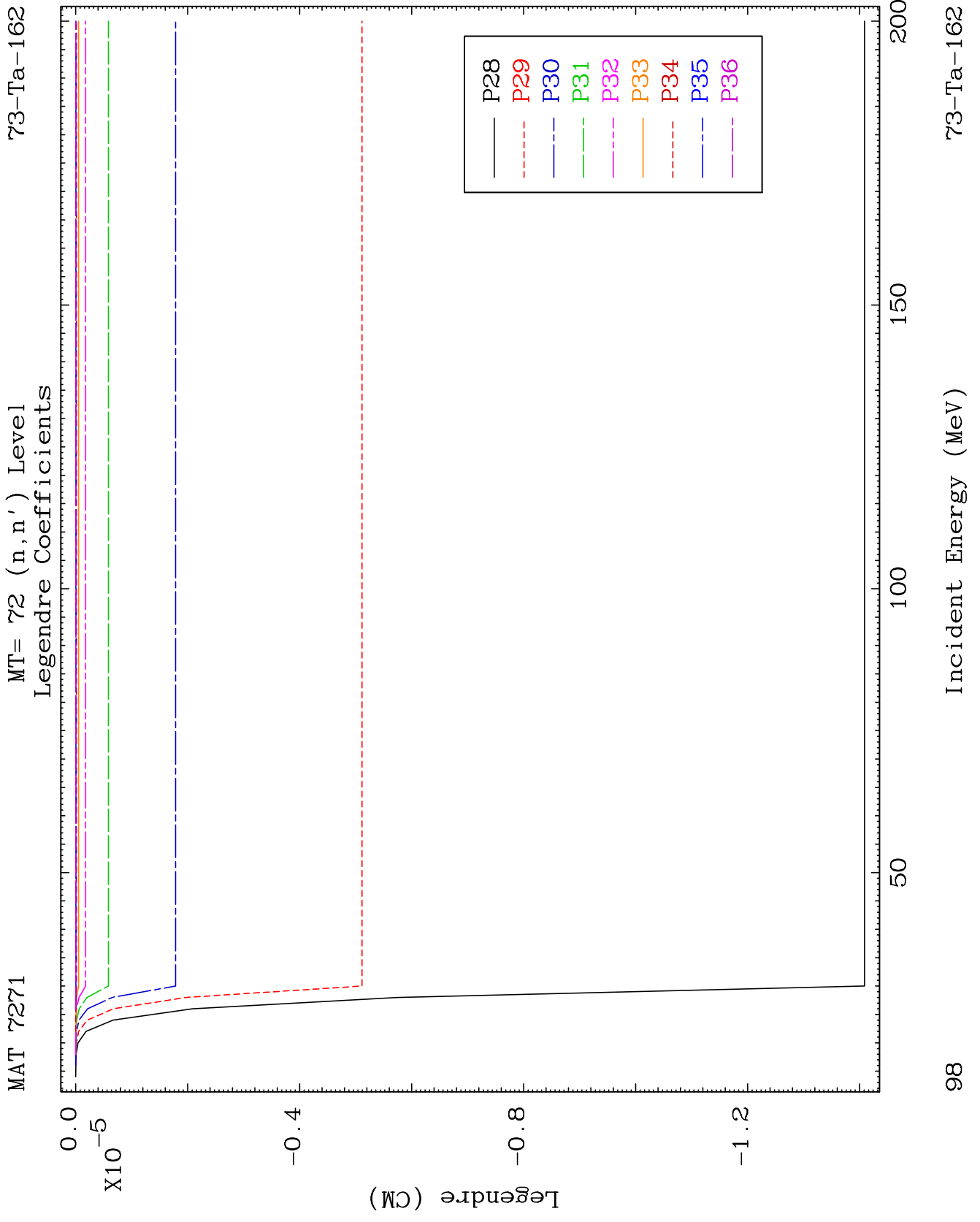


MAT 7271

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

73-Ta-162



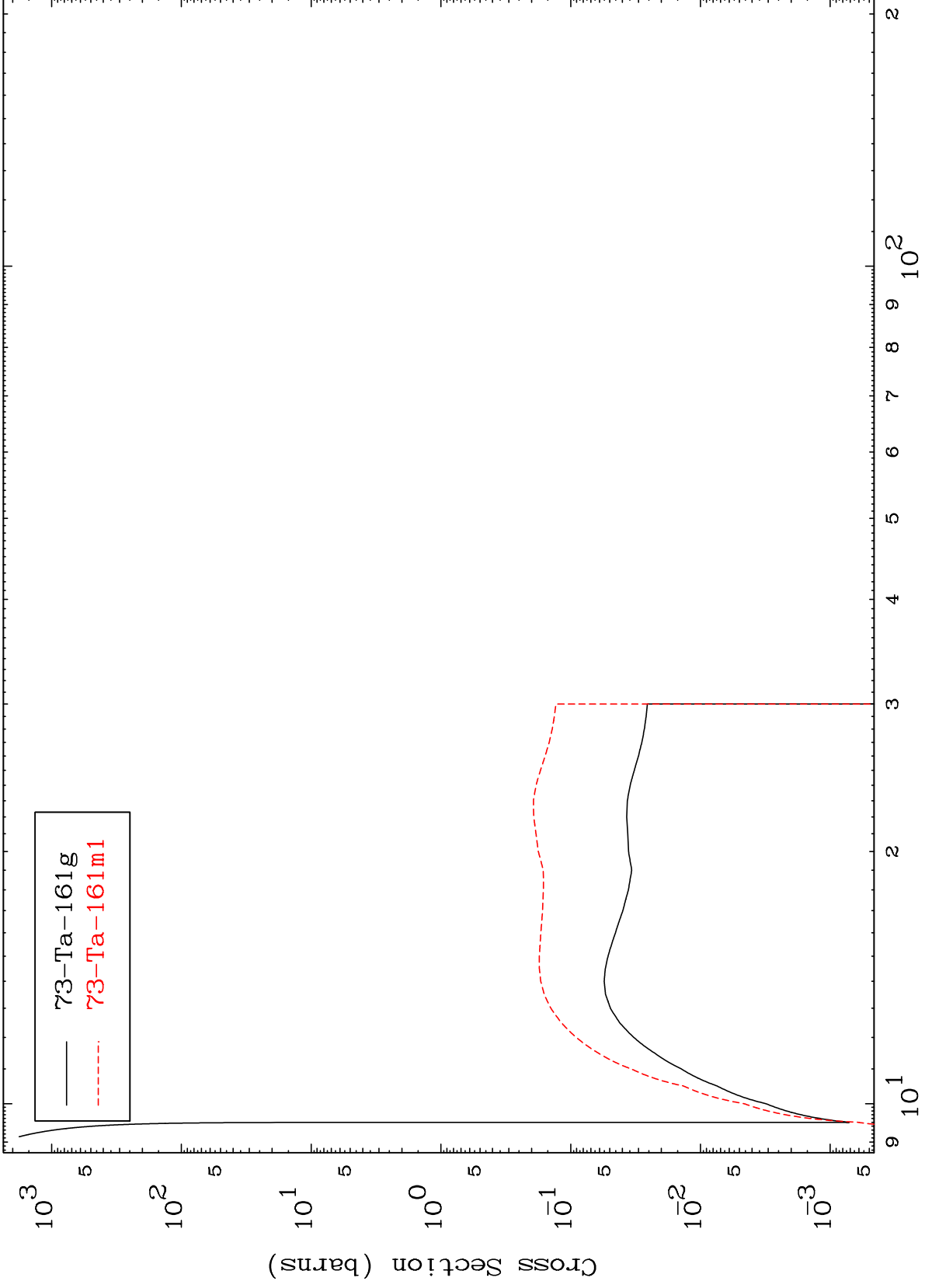


MAT 7271

(n,2n)

⁷³Ta-162

Radionuclide Production Cross Section



99

Incident Energy (MeV)

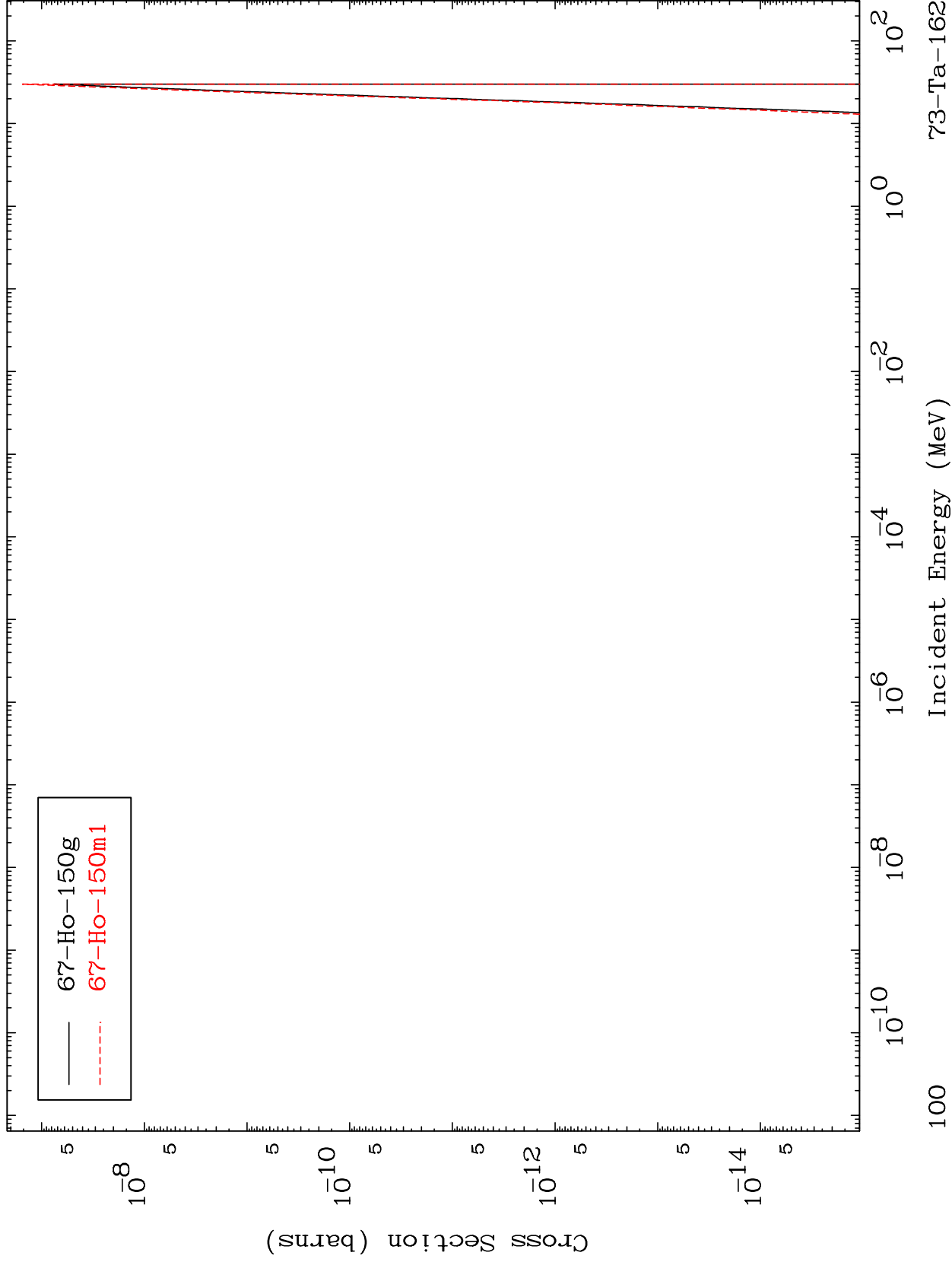
⁷³Ta-162

MAT 7271

(n,n') 3 α

73-Ta-162

Radionuclide Production Cross Section



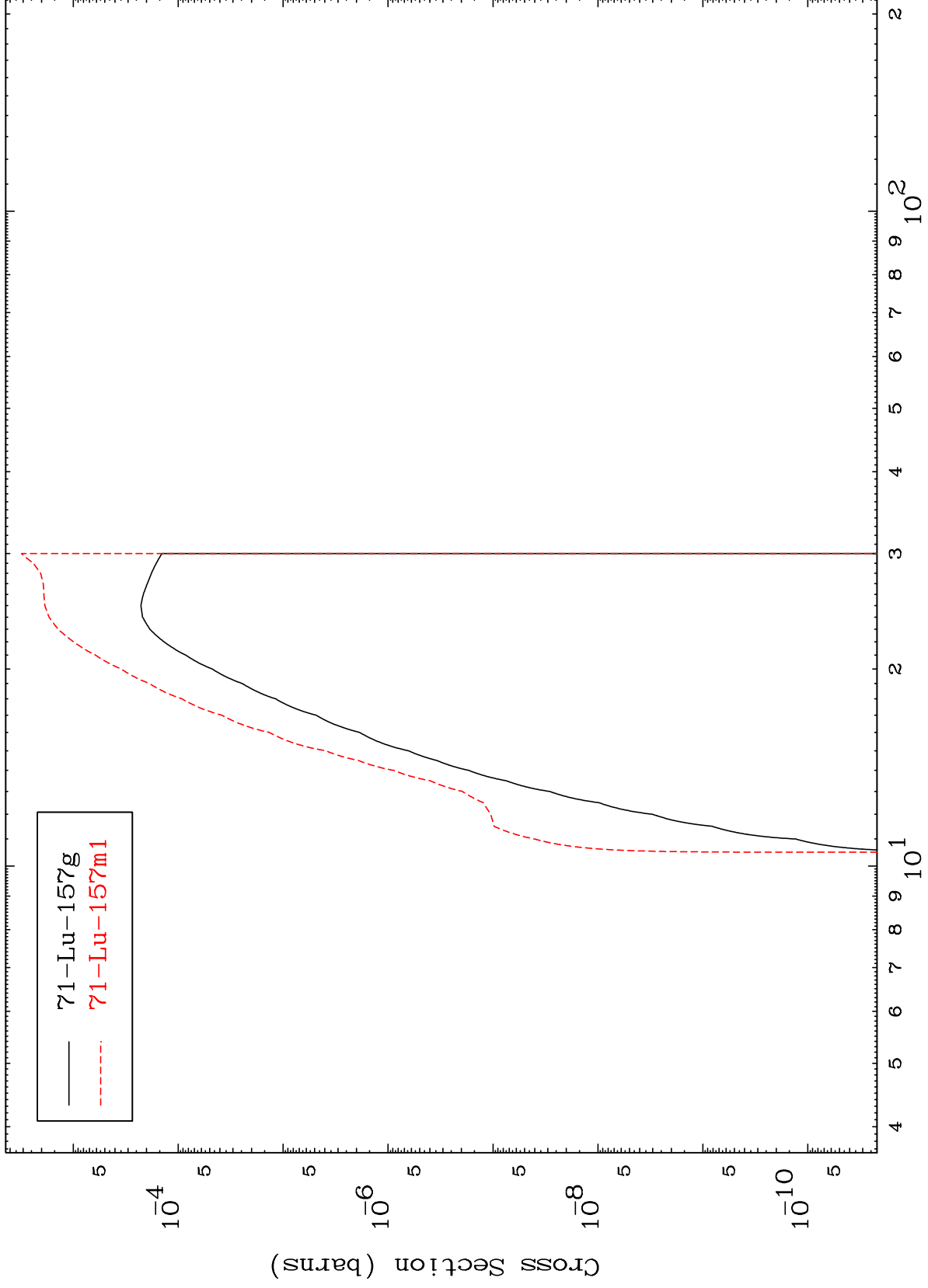
100

MAT 7271

(n,2n) α

73-Ta-162

Radionuclide Production Cross Section



101

Incident Energy (MeV)

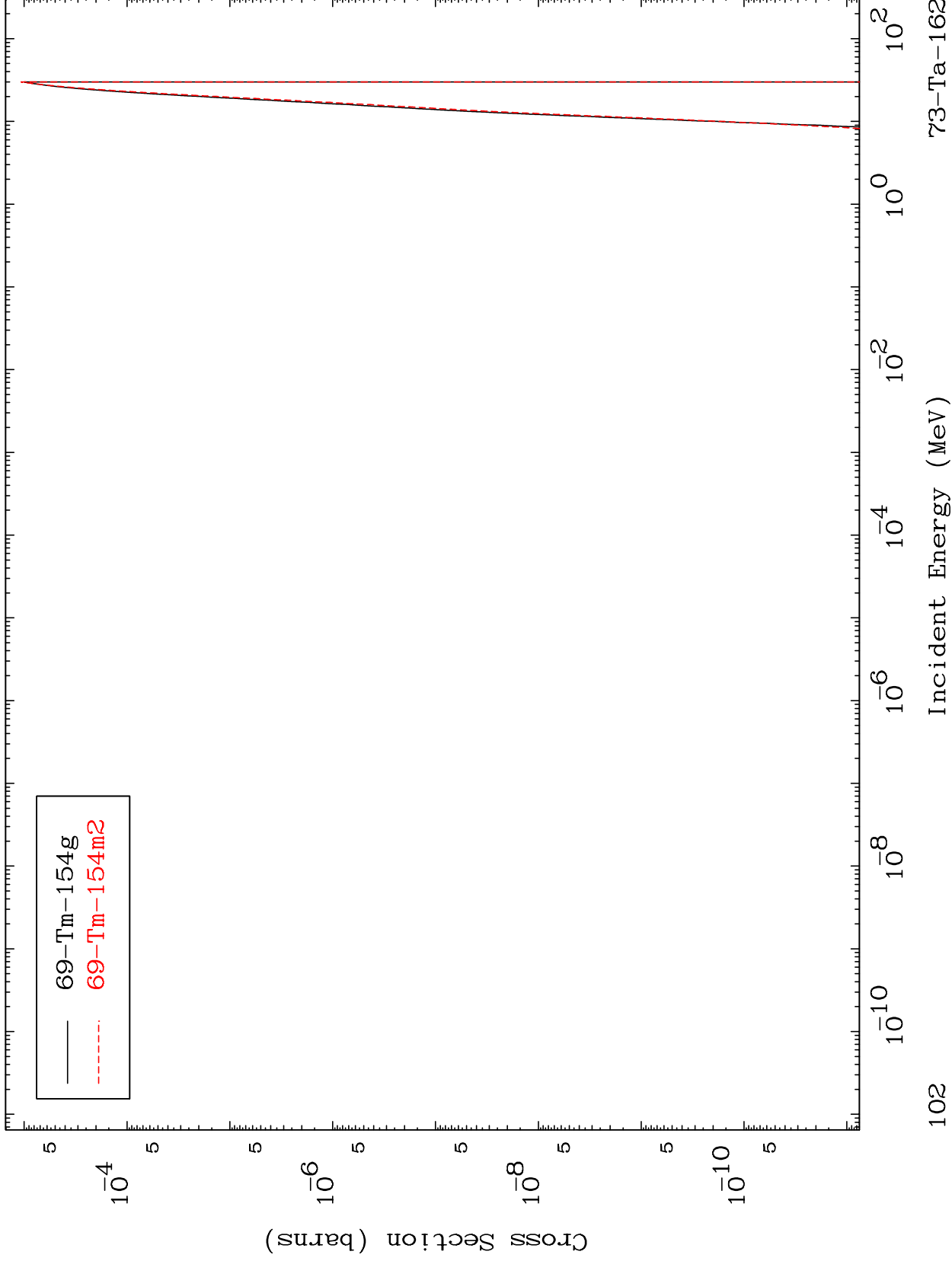
73-Ta-162

MAT 7271

(n,n') 2α

73-Ta-162

Radionuclide Production Cross Section

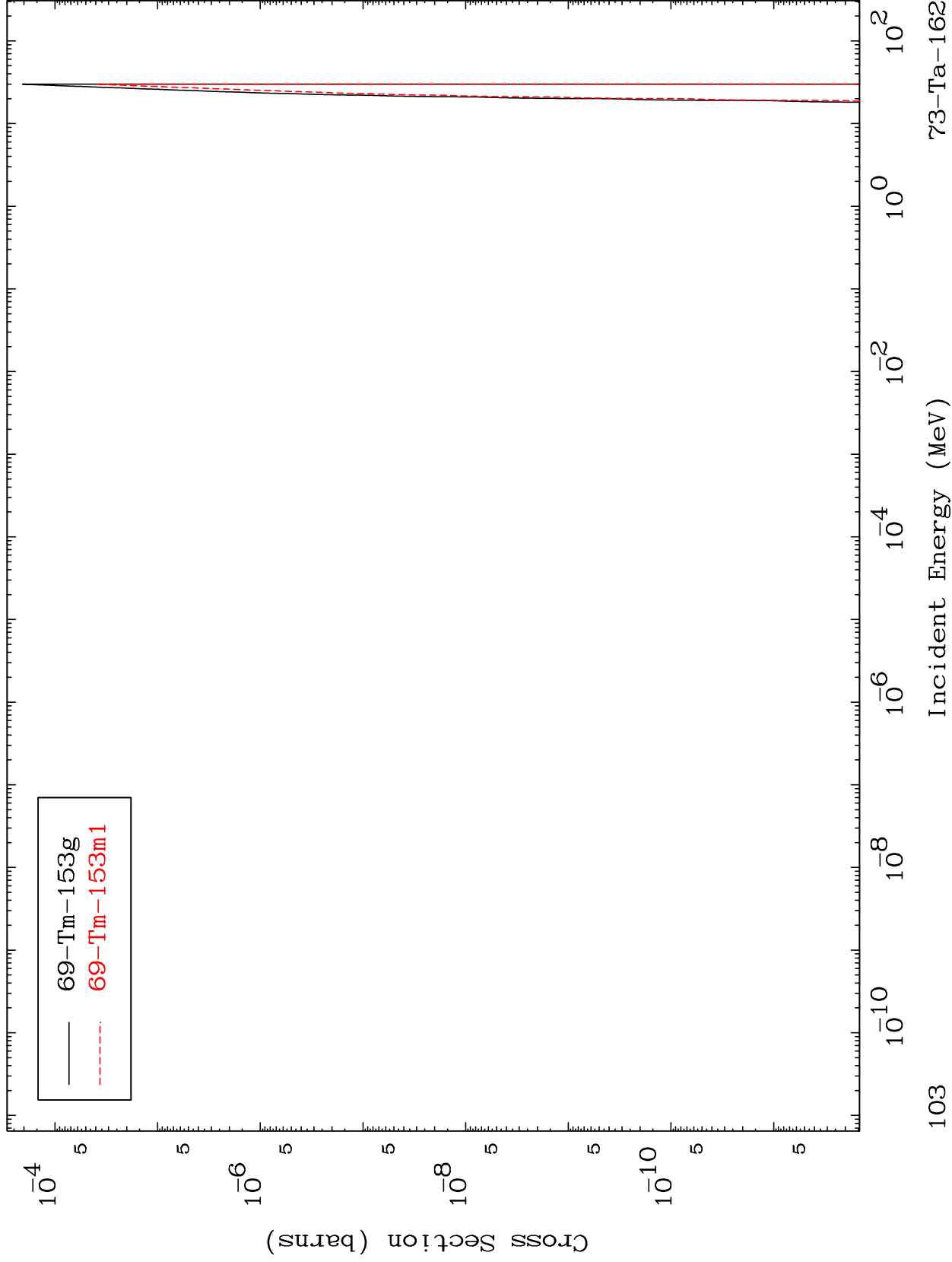


MAT 7271

(n,2n) 2 α

73-Ta-162

Radionuclide Production Cross Section



103

Incident Energy (MeV)

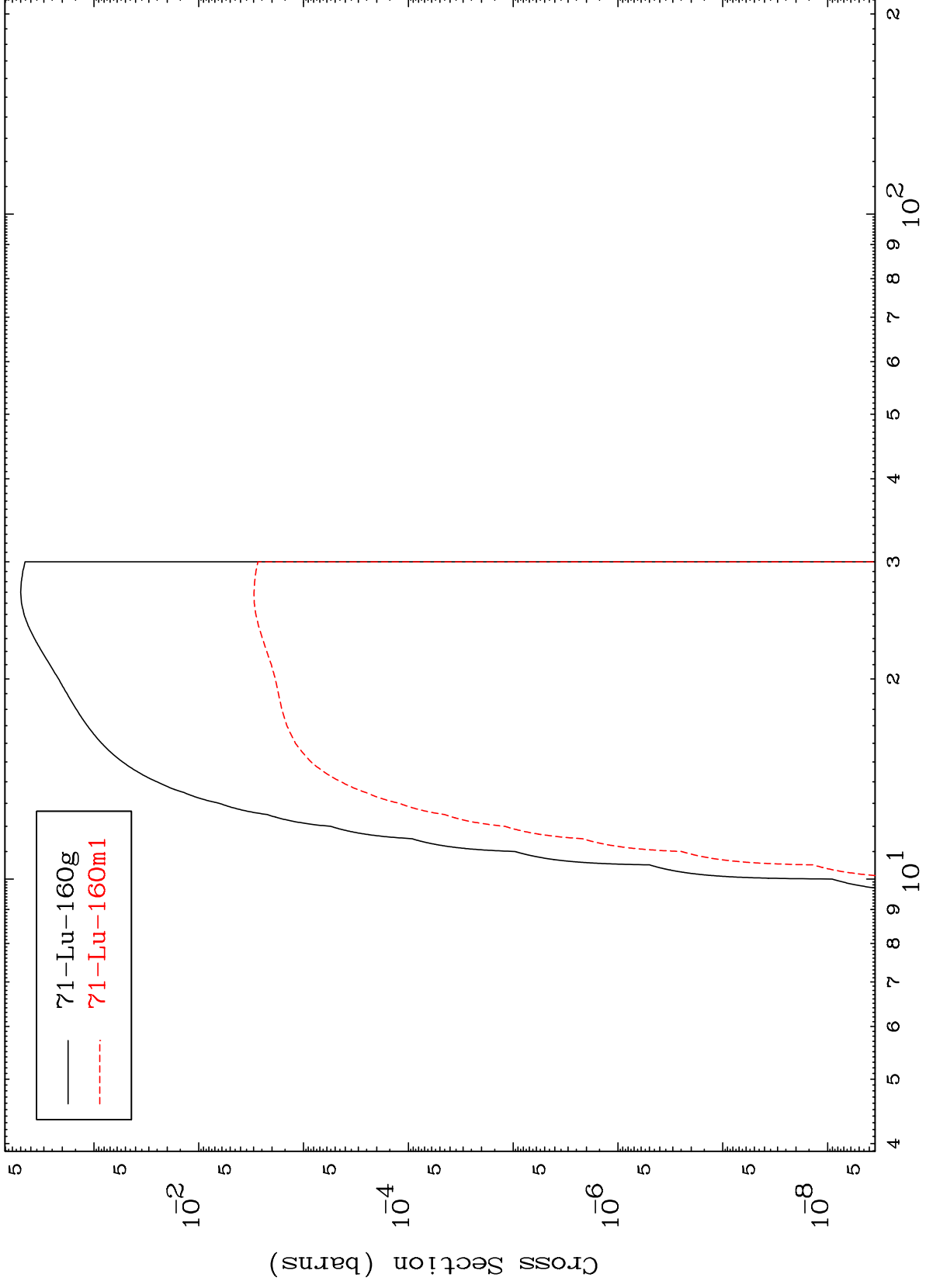
73-Ta-162

MAT 7271

(n,2n) p

73-Ta-162

Radionuclide Production Cross Section



104

Incident Energy (MeV)

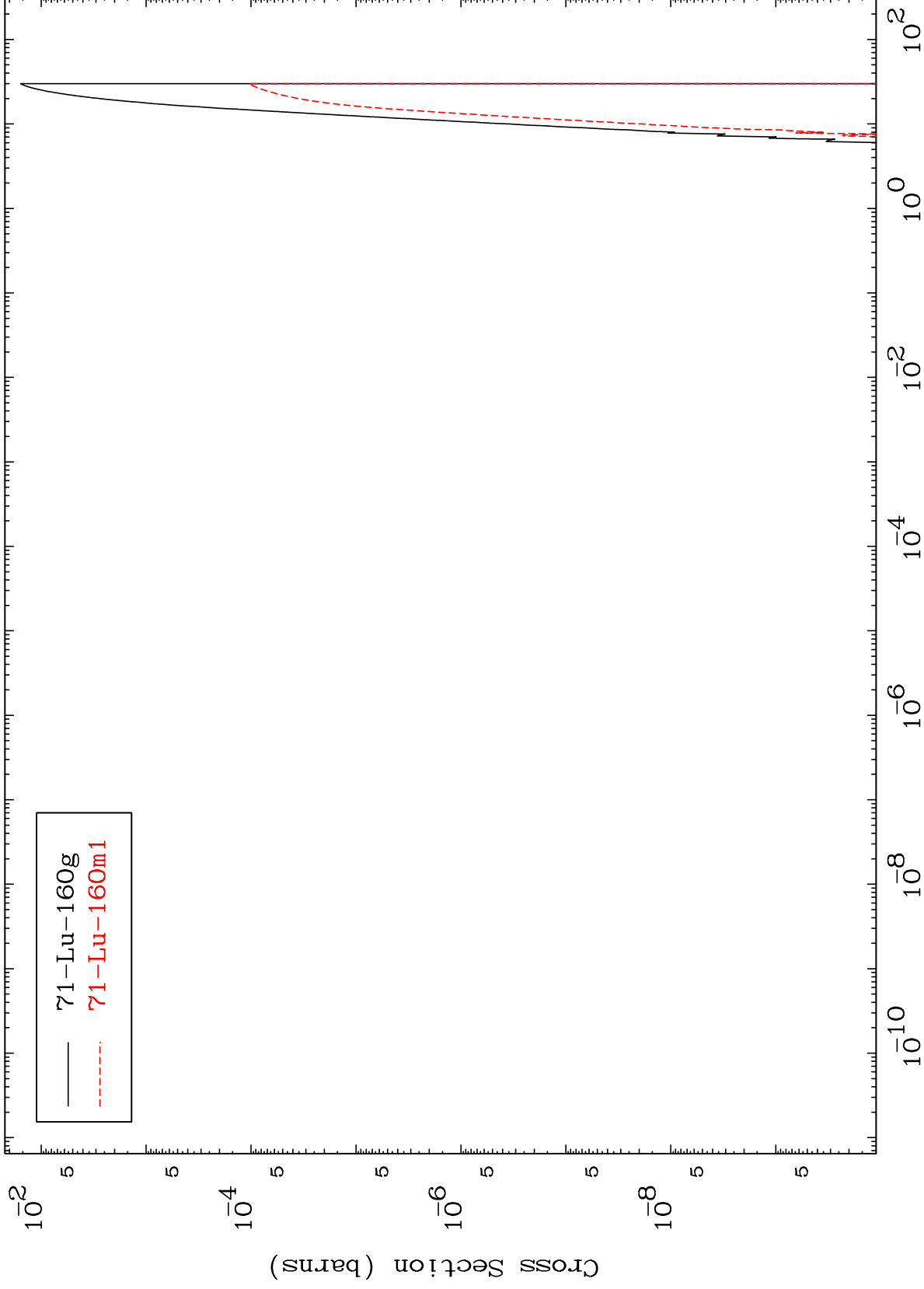
73-Ta-162

MAT 7271

(n,He-3)

73-Ta-162

Radionuclide Production Cross Section



— $^{71}\text{Lu-160g}$
- - - $^{71}\text{Lu-160m1}$

105

Incident Energy (MeV)

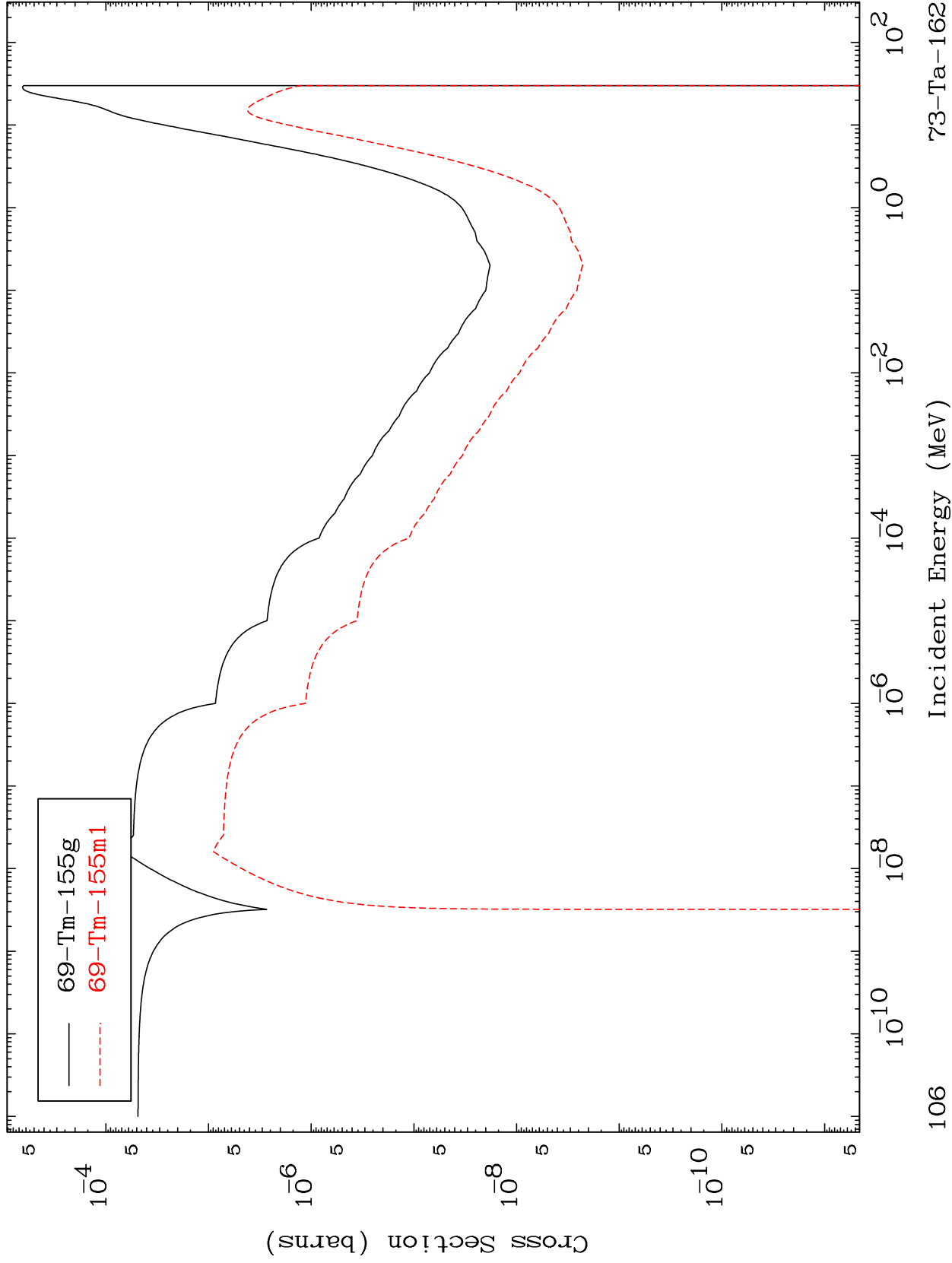
73-Ta-162

MAT 7271

(n,2α)

73-Ta-162

Radionuclide Production Cross Section



106

Incident Energy (MeV)

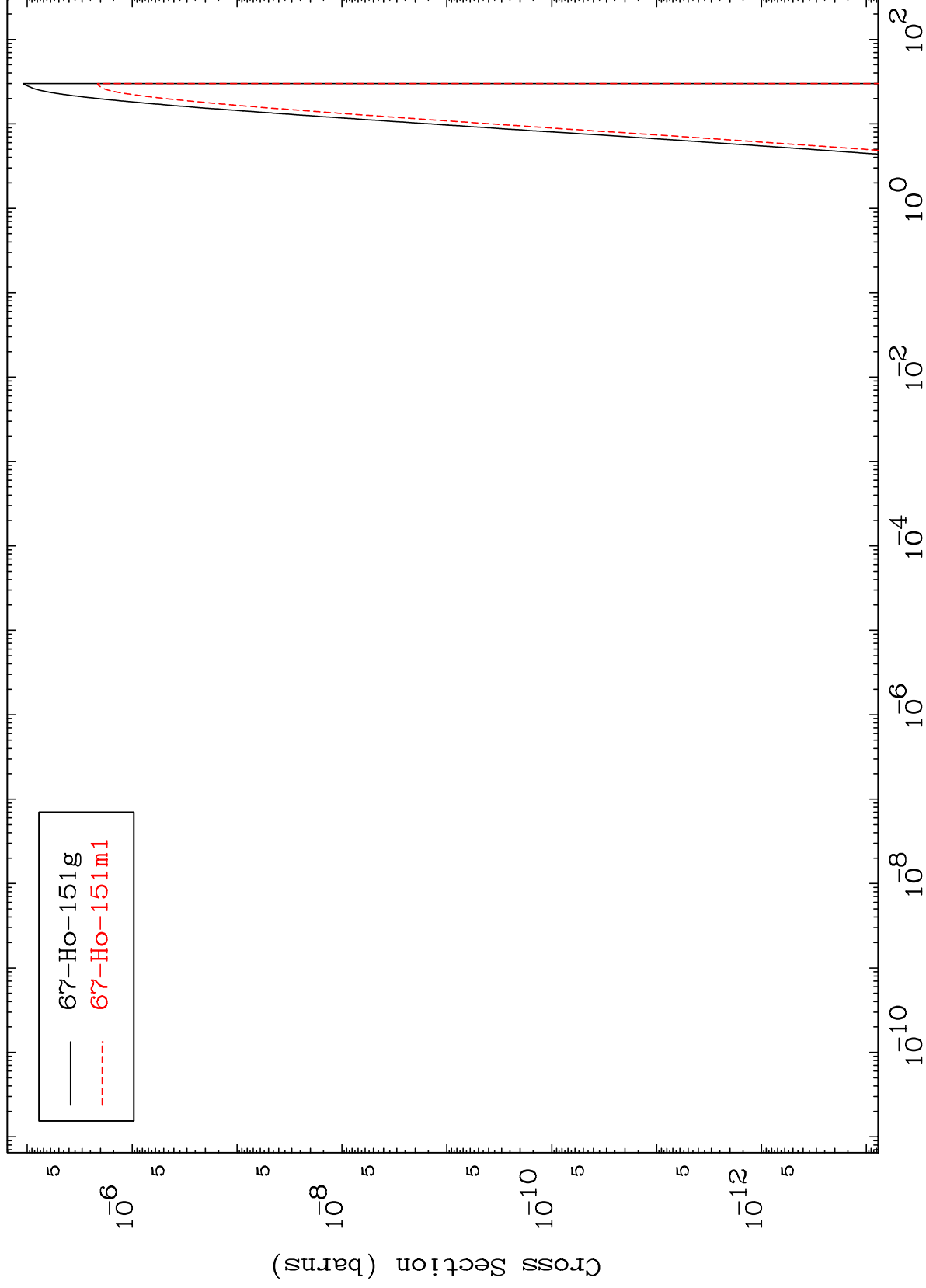
73-Ta-162

MAT 7271

(n, 3 α)

⁷³Ta-162

Radionuclide Production Cross Section



107

Incident Energy (MeV)

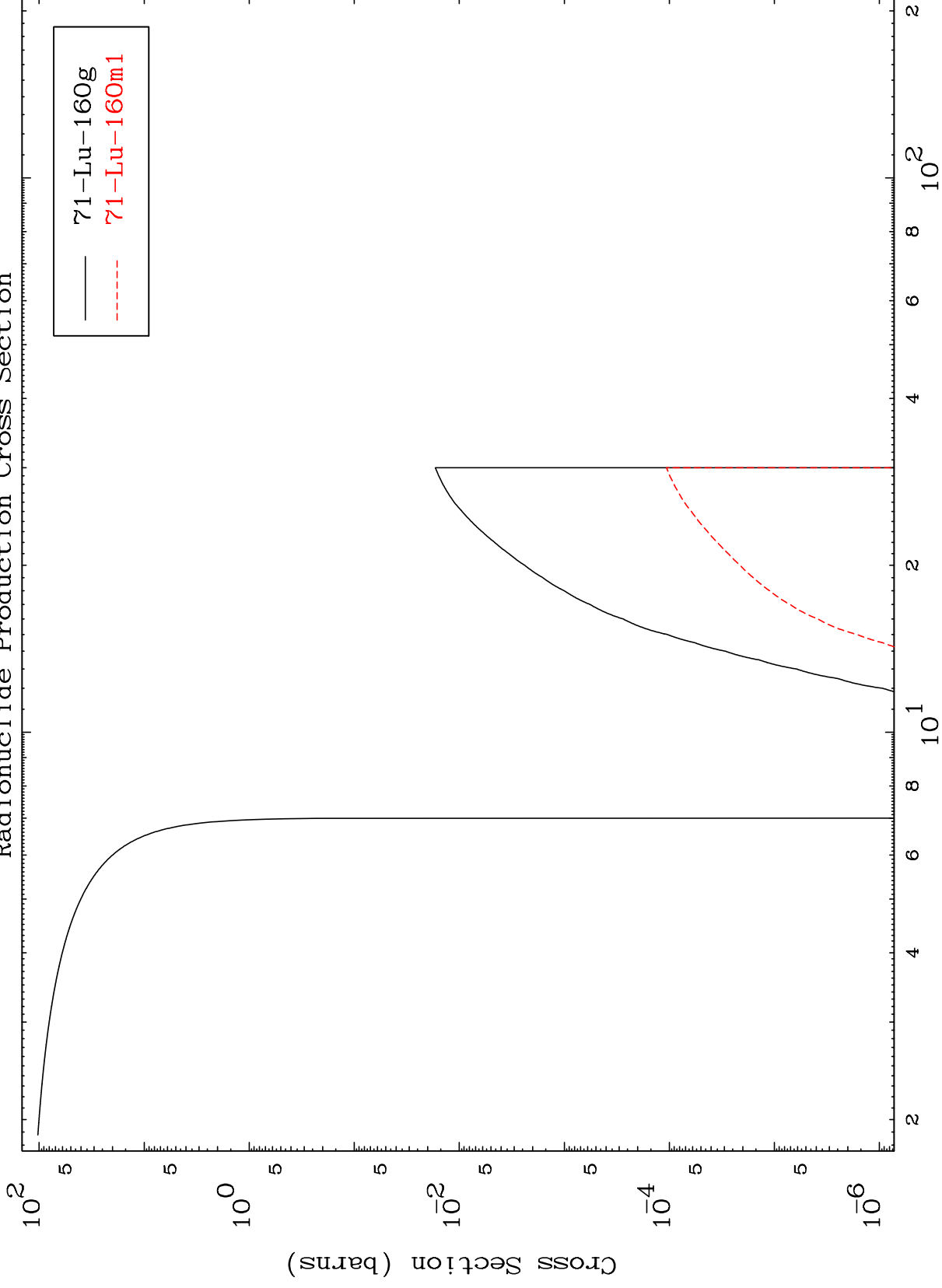
⁷³Ta-162

MAT 7271

(n,p) d

73-Ta-162

Radionuclide Production Cross Section



108

Incident Energy (MeV)

73-Ta-162