

Program EVALPLOT
(Version 2015-2)

by

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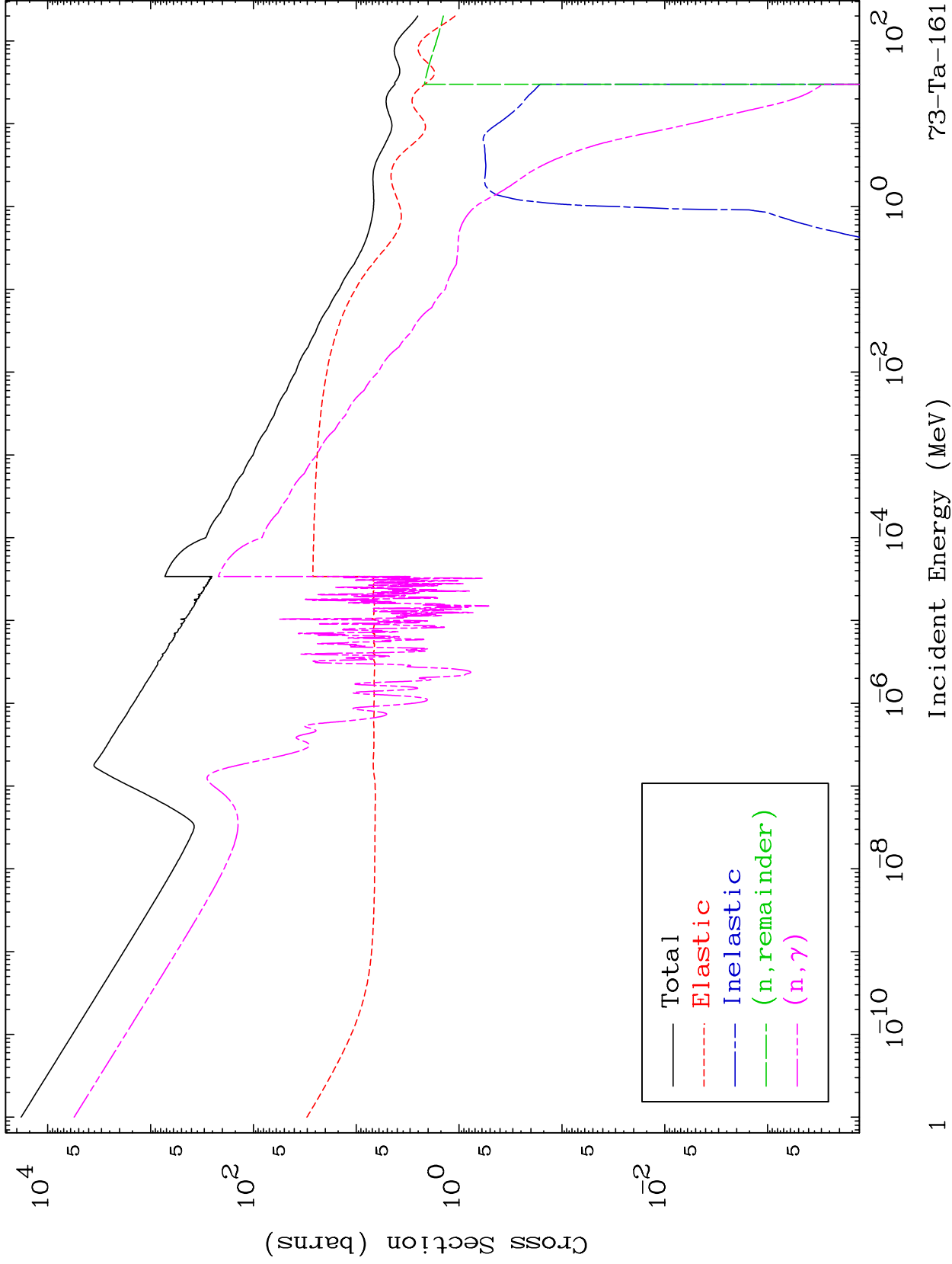
Press Mouse Button to Start

MAT 7268

Major

293 Kelvin Cross Sections

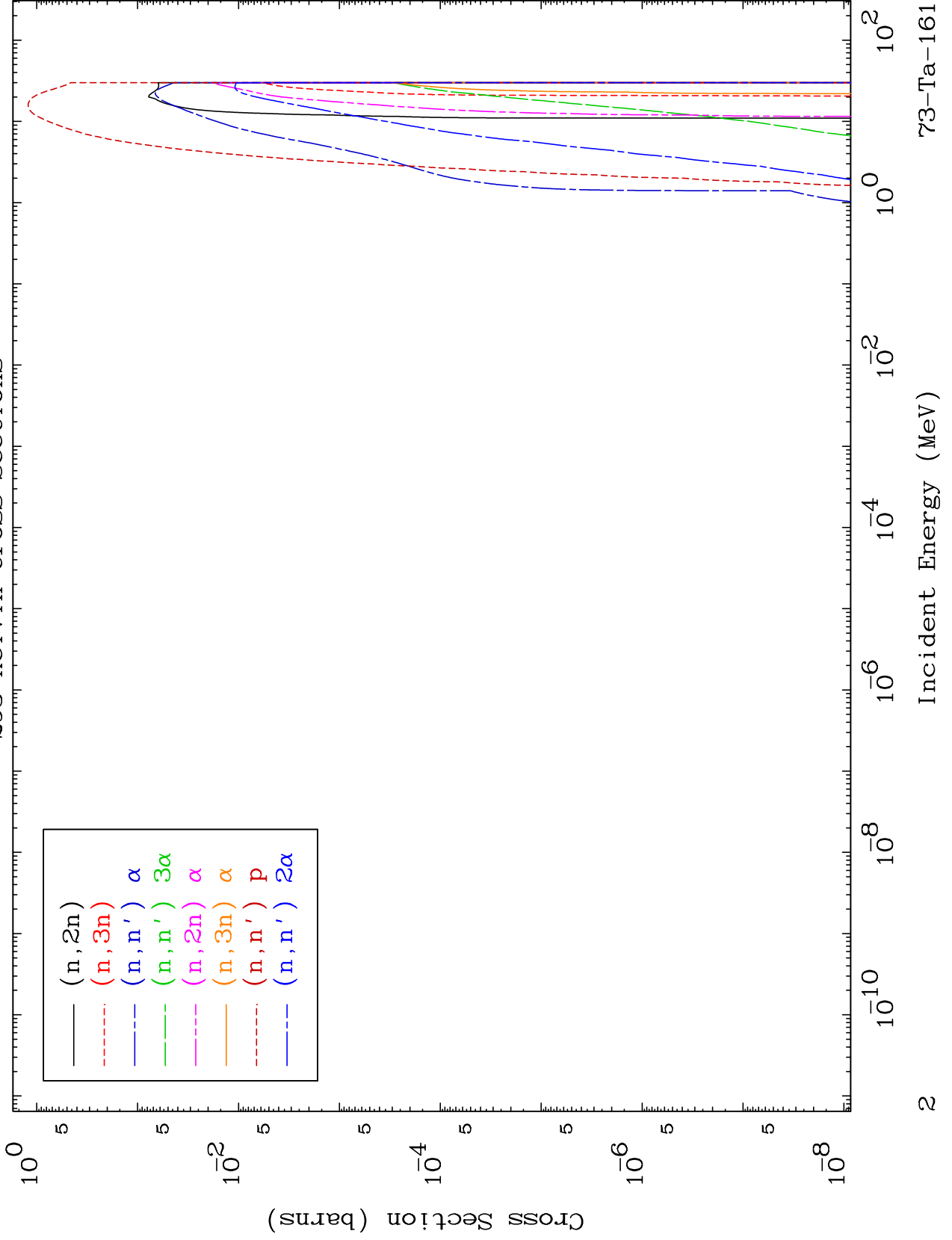
73-Ta-161



MAT 7268

Neutron Production
293 Kelvin Cross Sections

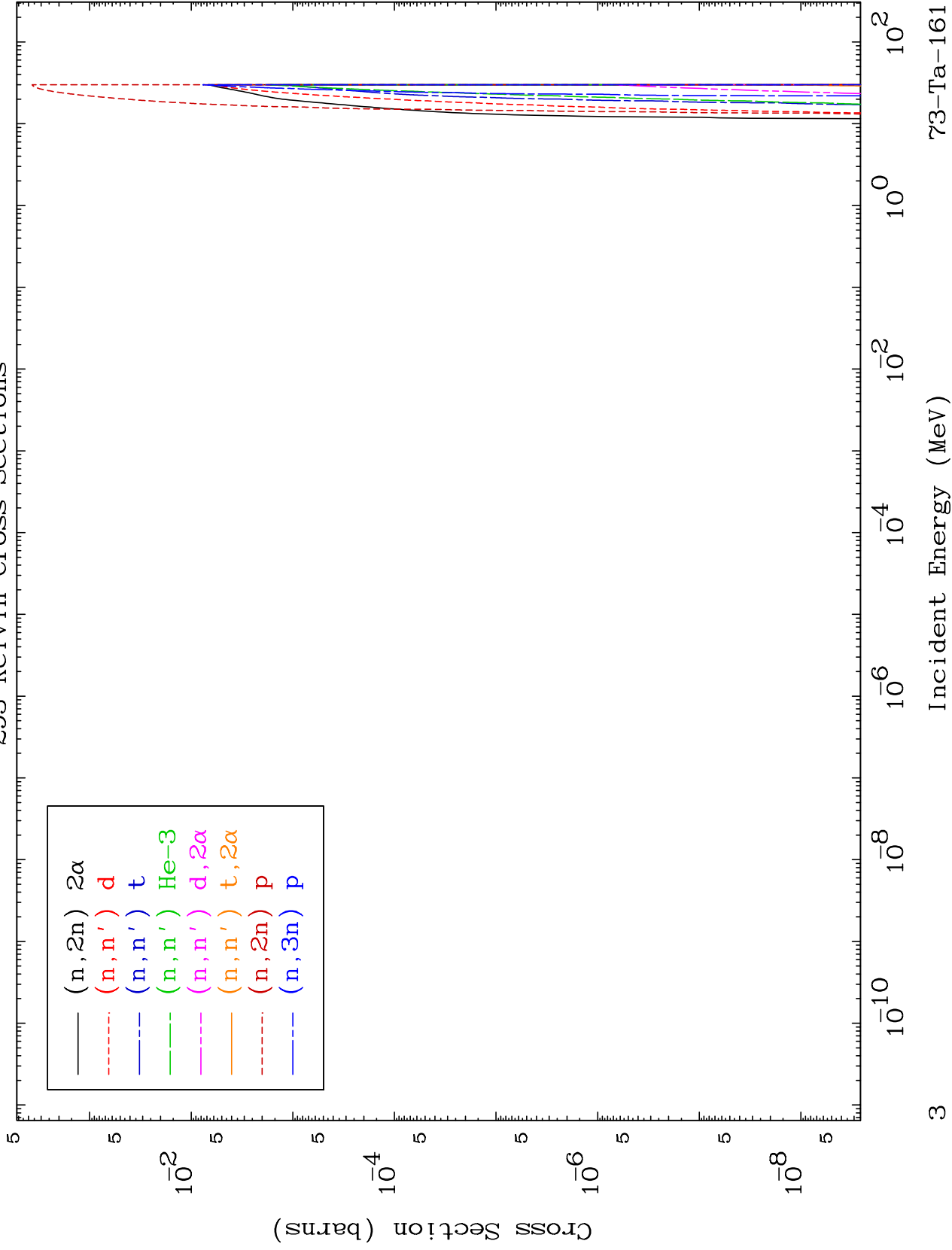
73-Ta-161



MAT 7268

Neutron Production
293 Kelvin Cross Sections

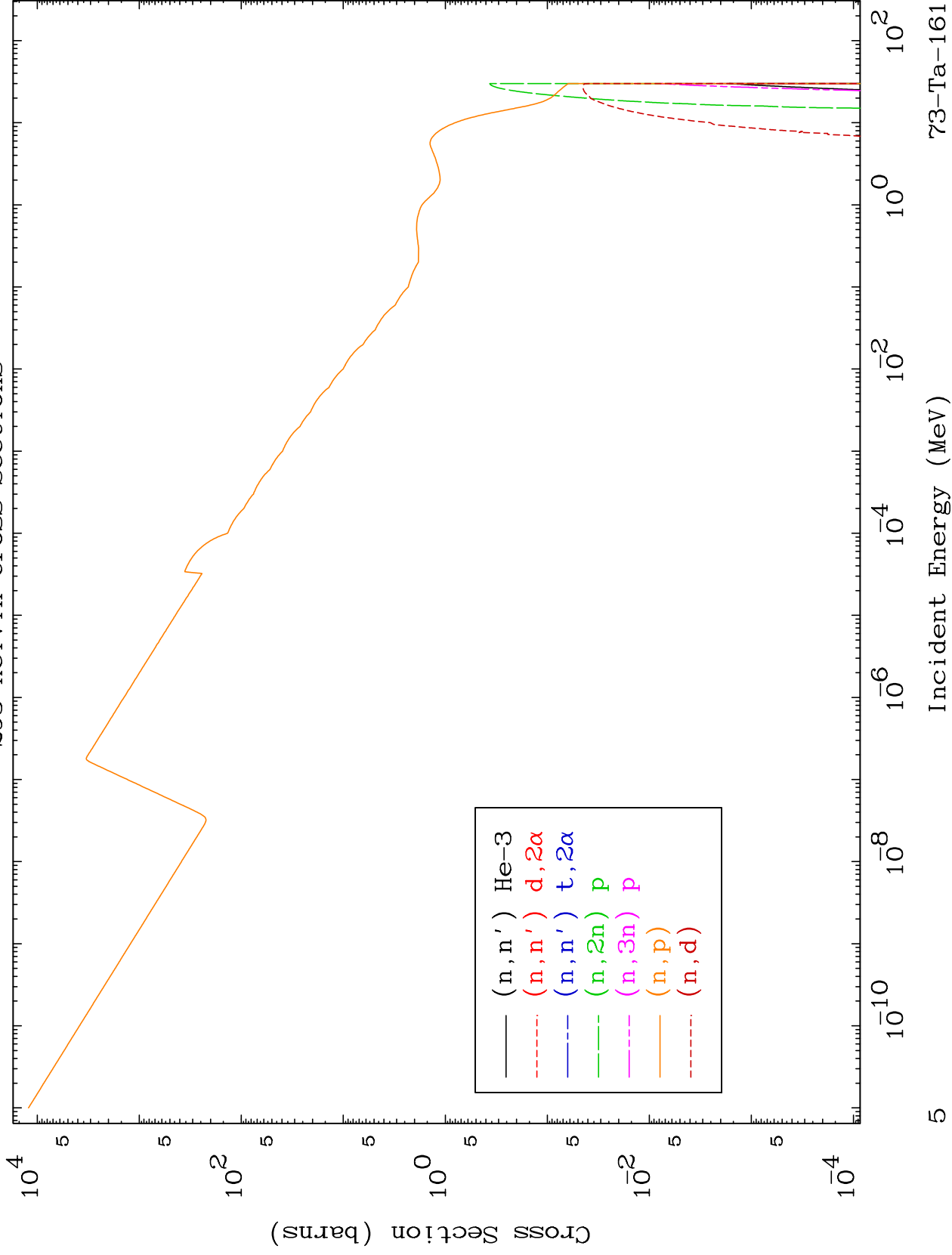
⁷³Ta-161



MAT 7268

Charged Particle
293 Kelvin Cross Sections

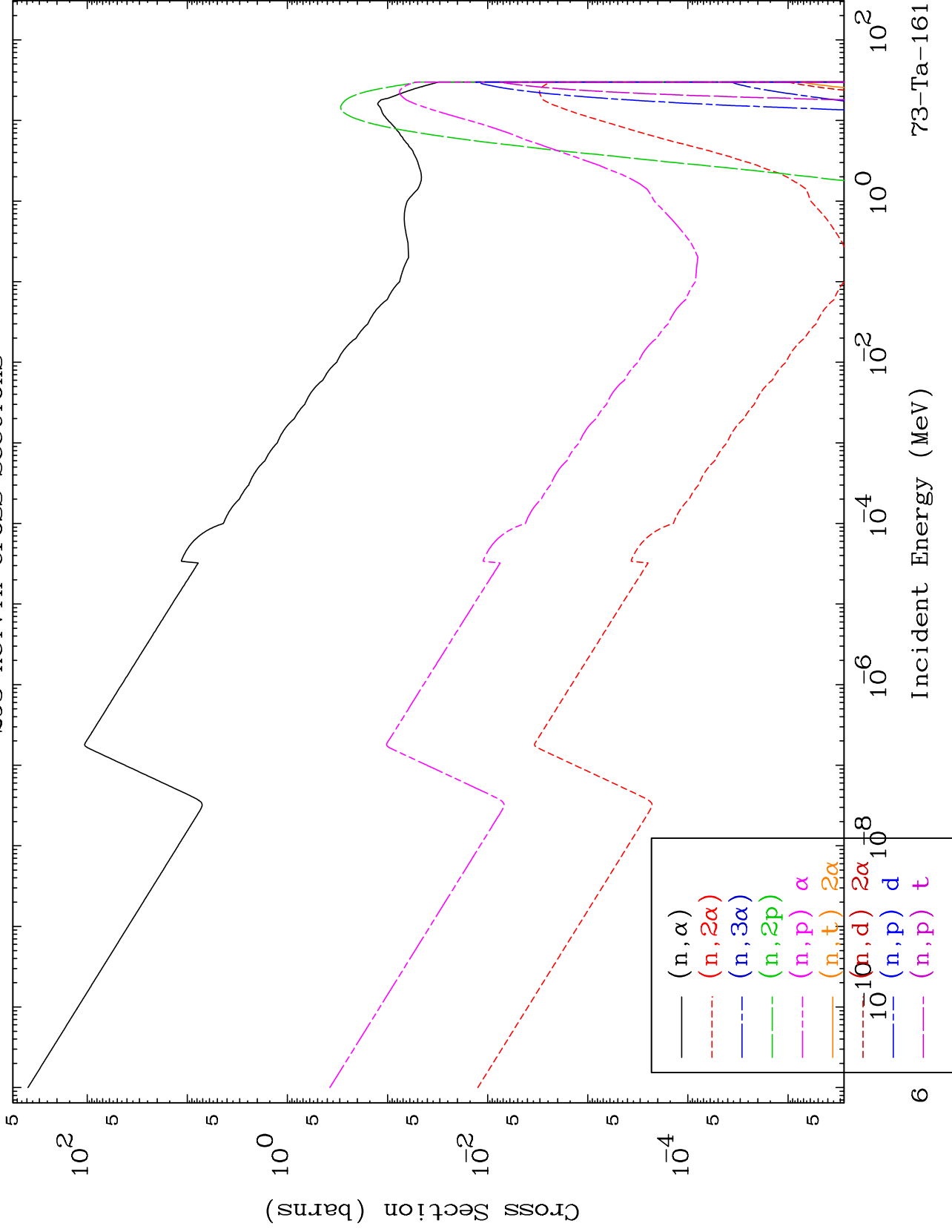
73-Ta-161



MAT 7268

Charged Particle
293 Kelvin Cross Sections

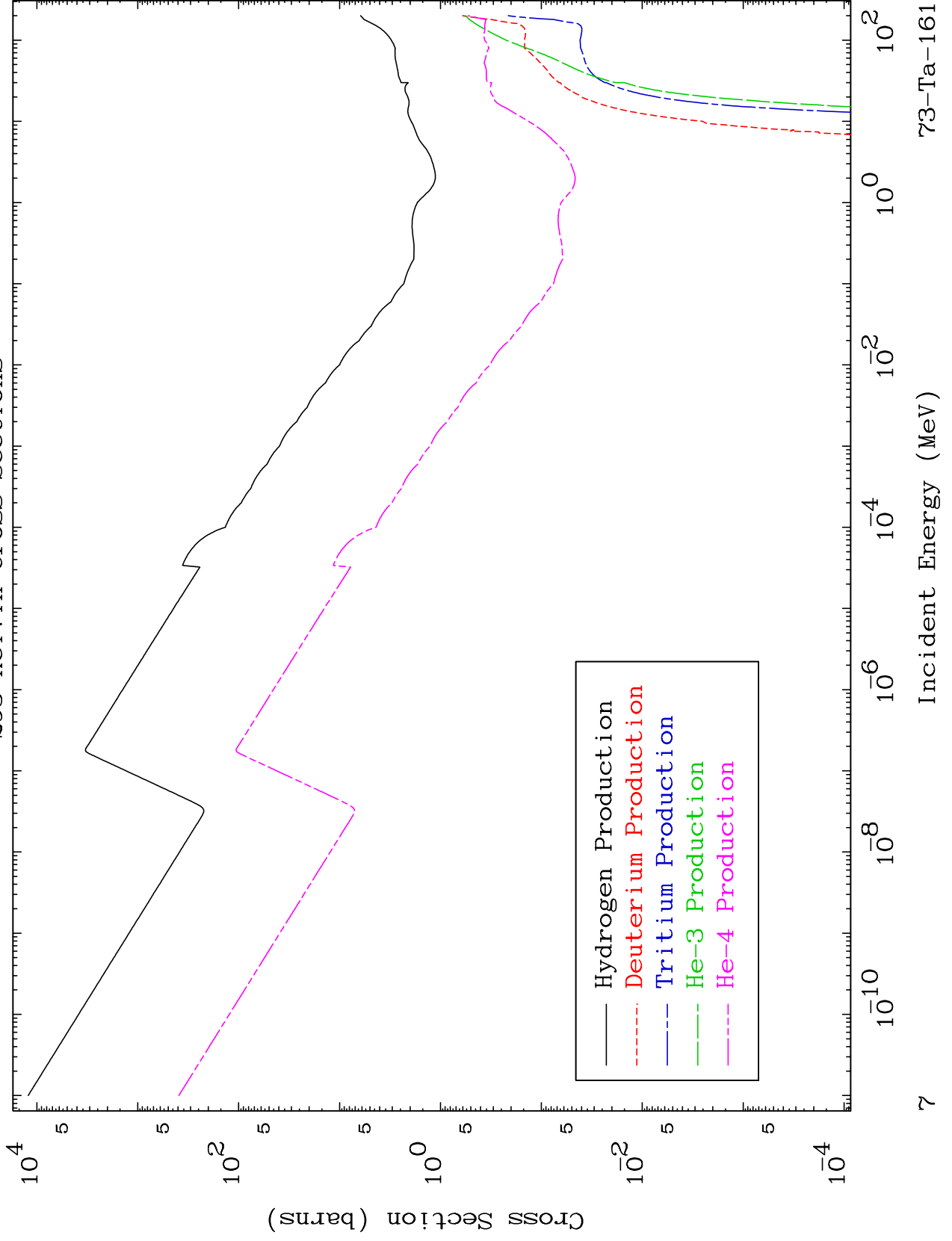
73-Ta-161



MAT 7268

Particle Production
293 Kelvin Cross Sections

73-Ta-161

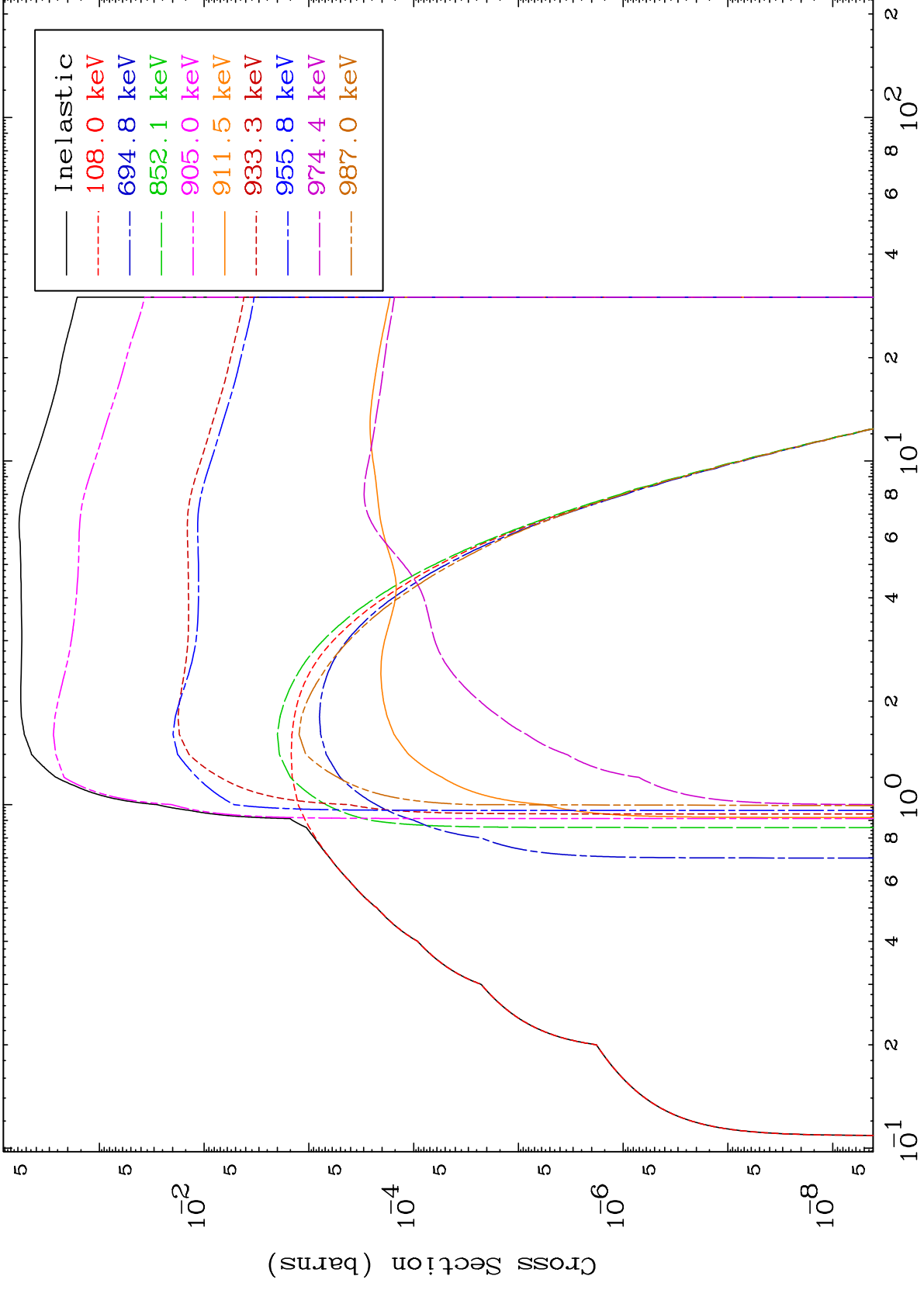


MAT 7268

(n,n') Level

73-Ta-161

293 Kelvin Cross Sections



Incident Energy (MeV)

73-Ta-161

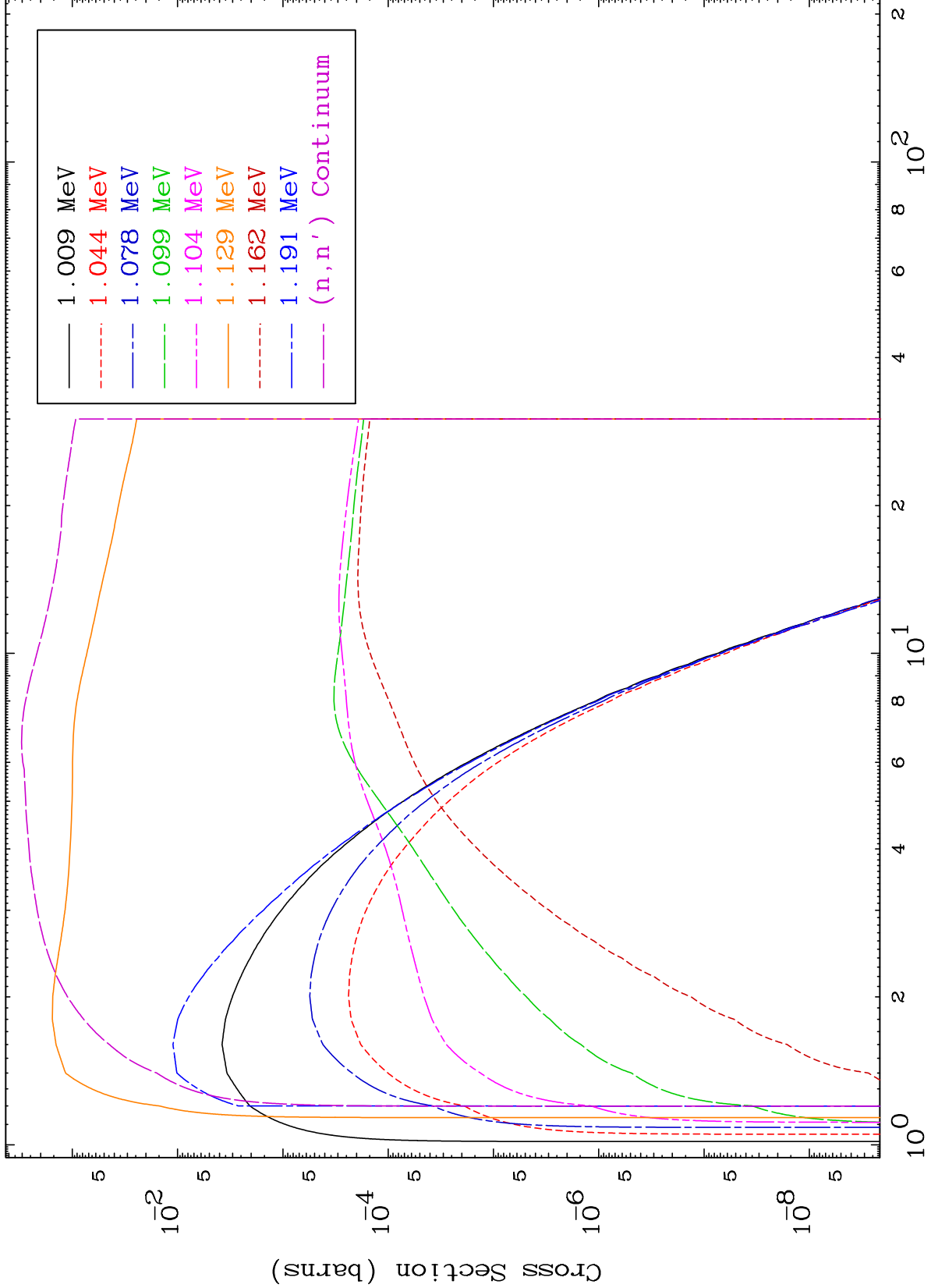
8

MAT 7268

(n,n') Level

73-Ta-161

293 Kelvin Cross Sections



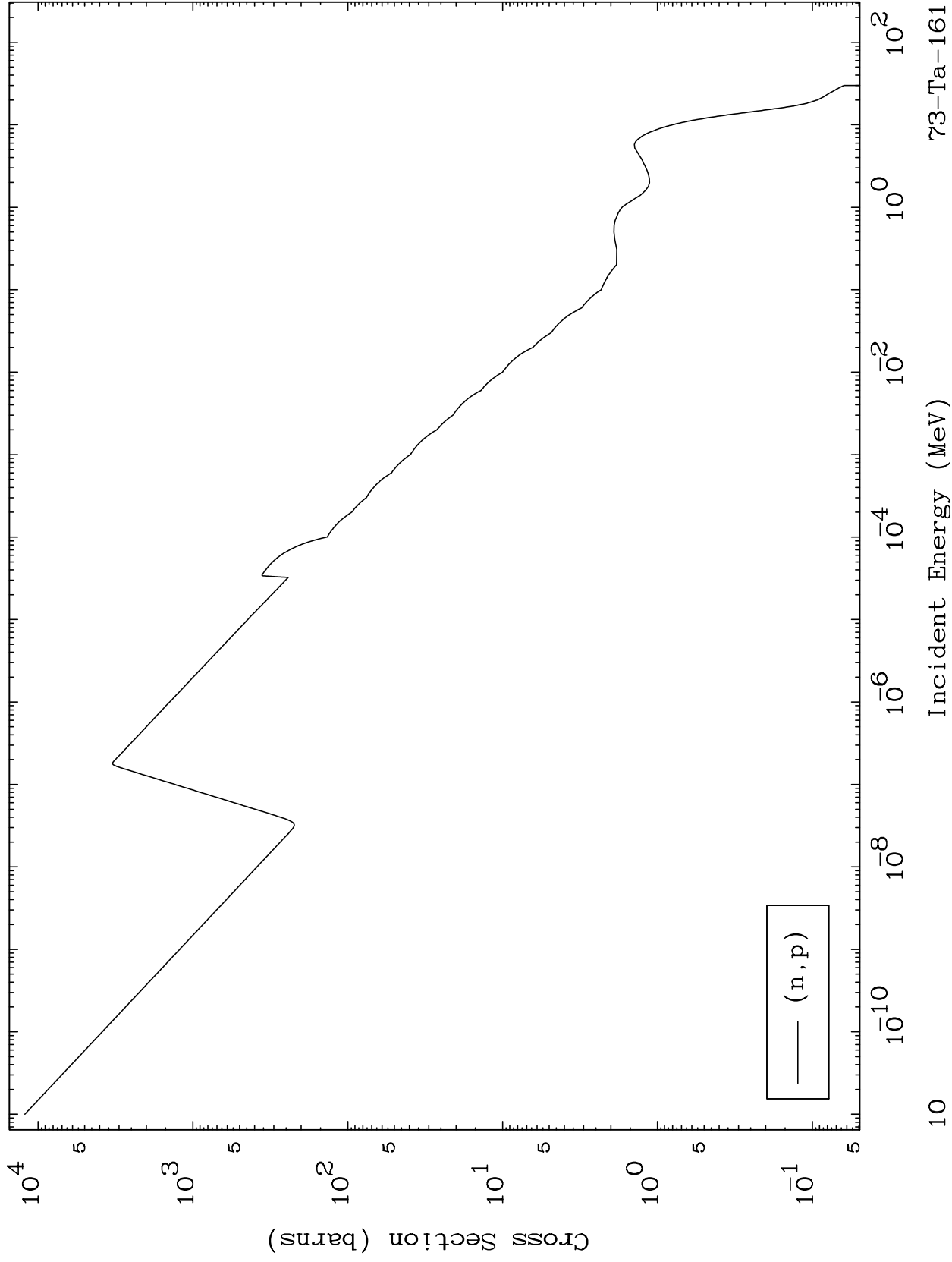
Incident Energy (MeV)

73-Ta-161

MAT 7268

(n,p) Levels
293 Kelvin Cross Sections

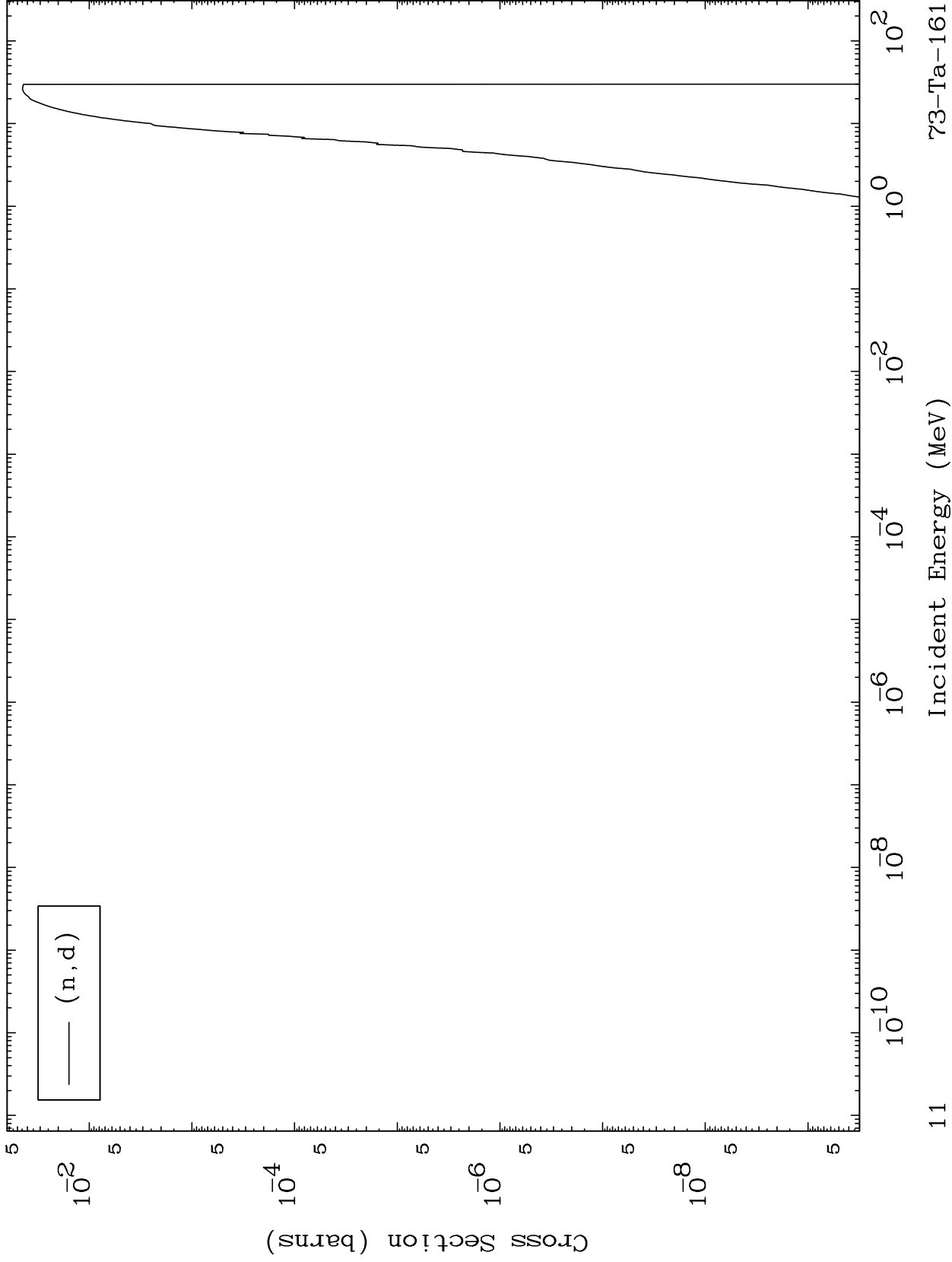
73-Ta-161



MAT 7268

(n,d) Levels
293 Kelvin Cross Sections

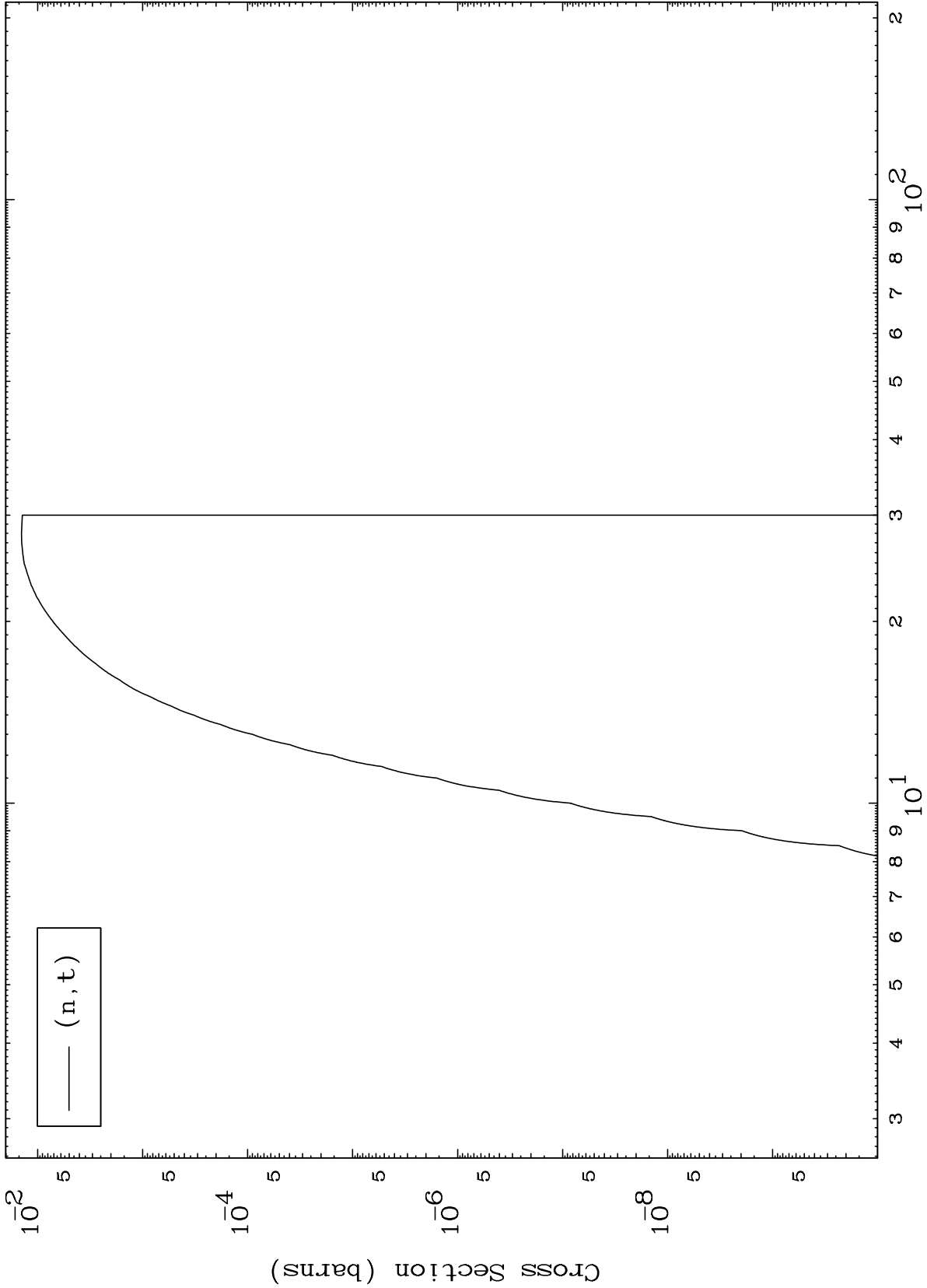
73-Ta-161



MAT 7268

73-Ta-161

(n,t) Levels
293 Kelvin Cross Sections



73-Ta-161

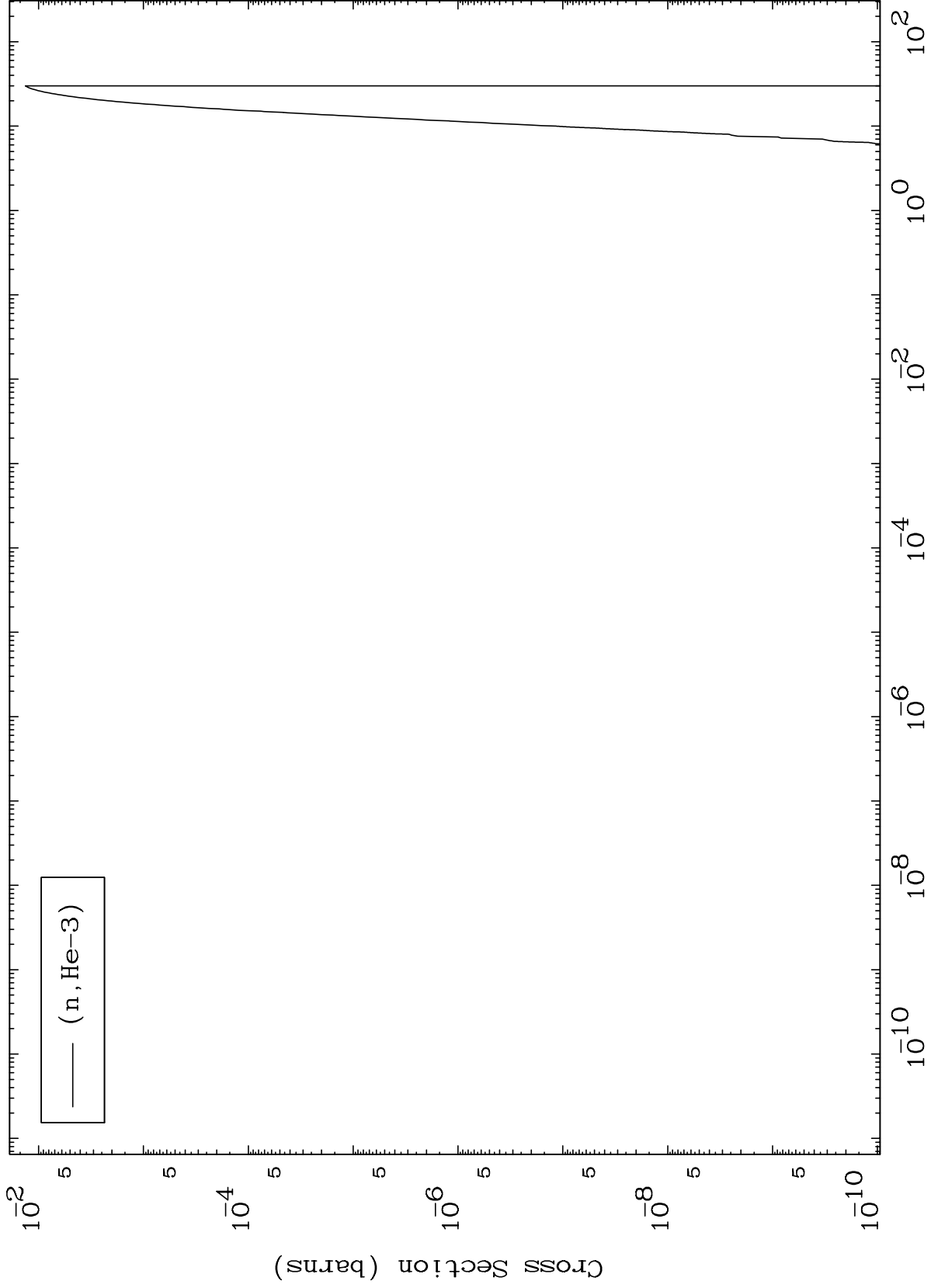
Incident Energy (MeV)

12

MAT 7268

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-161

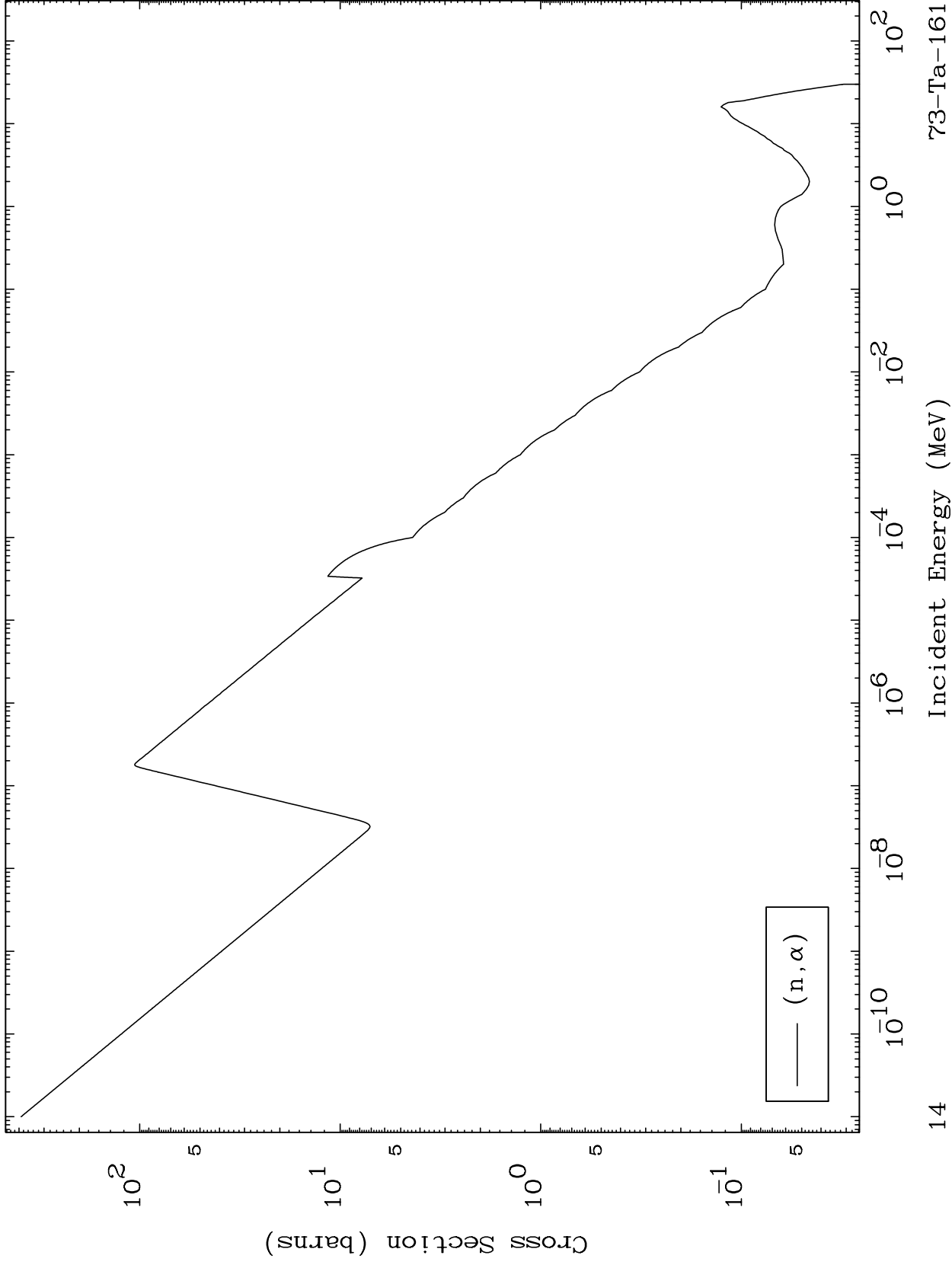


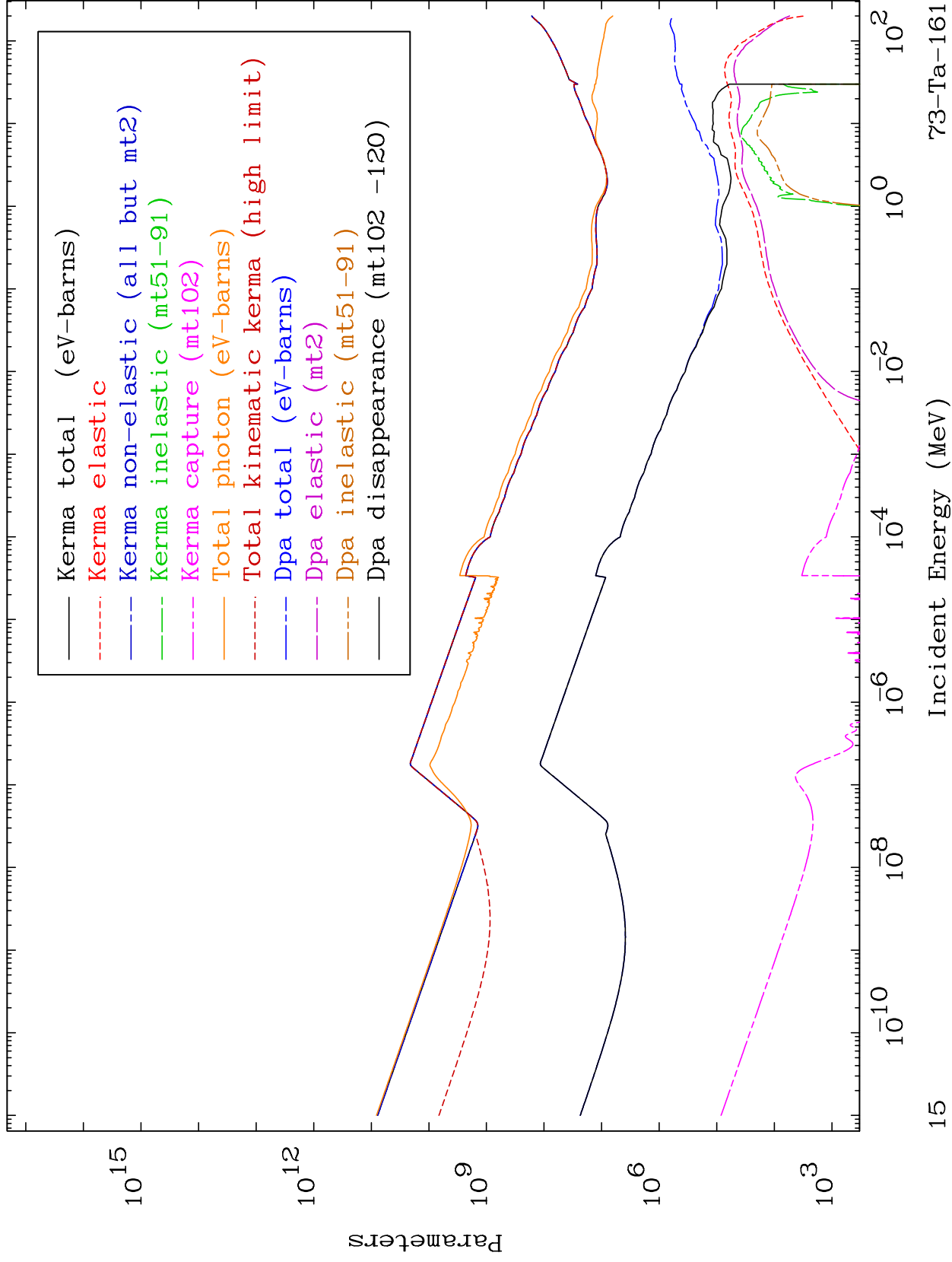
(n, He-3)

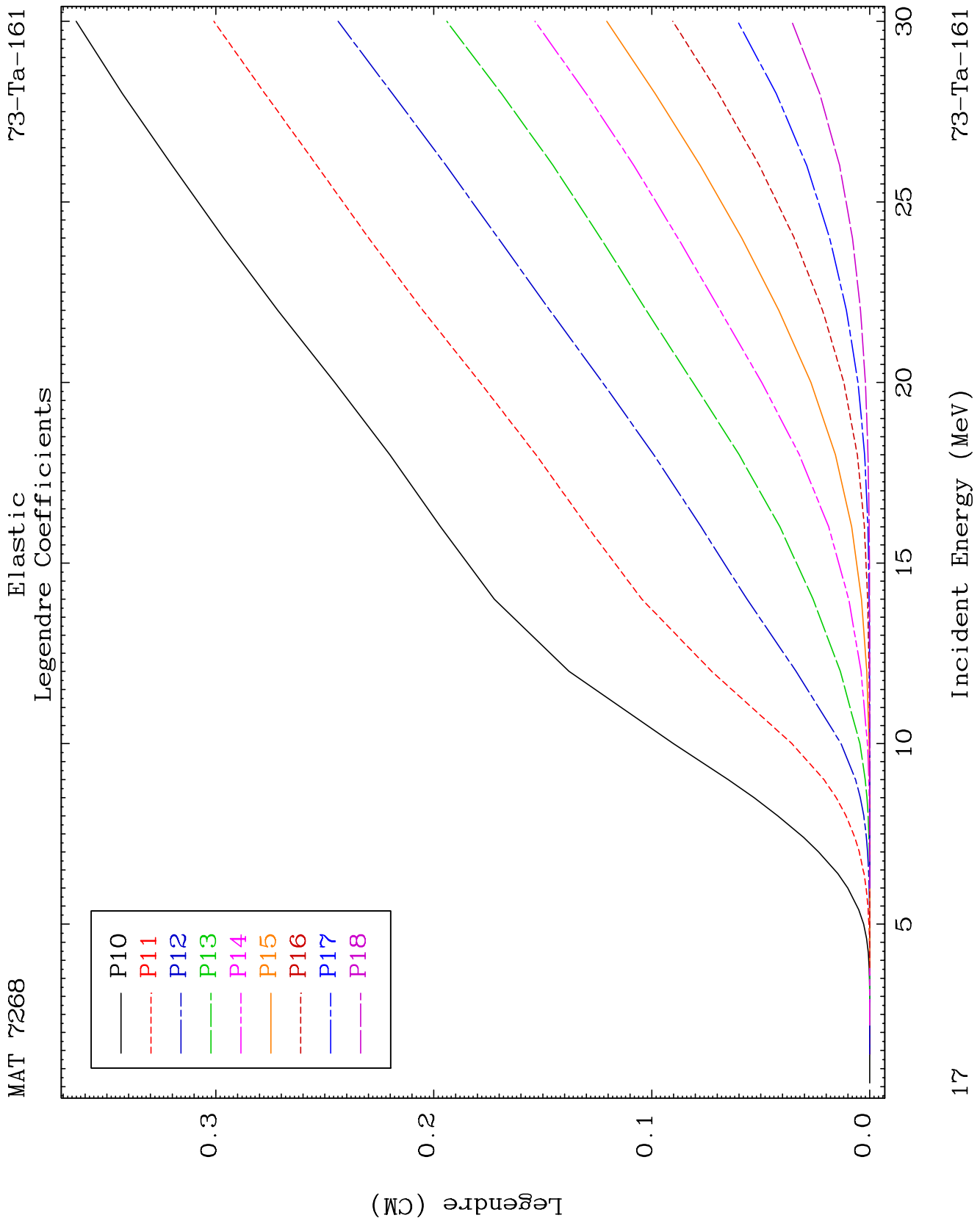
MAT 7268

(n,α) Levels
293 Kelvin Cross Sections

73-Ta-161



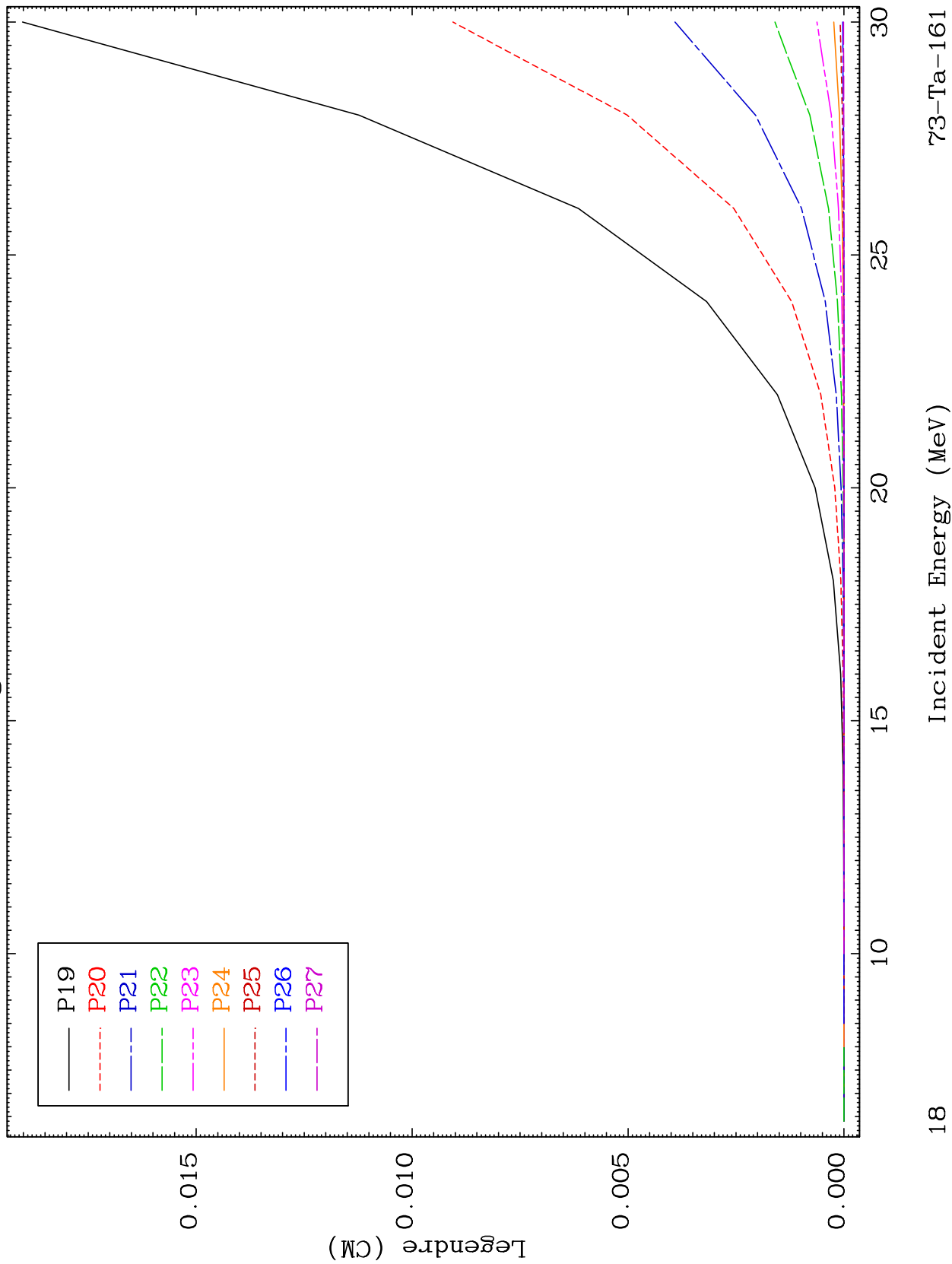




MAT 7268

Elastic Legendre Coefficients

73-Ta-161



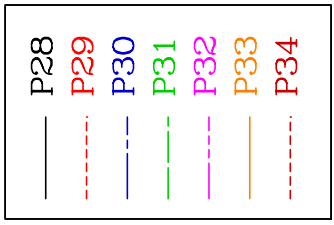
18

73-Ta-161

MAT 7268

Elastic Legendre Coefficients

⁷³Ta-161

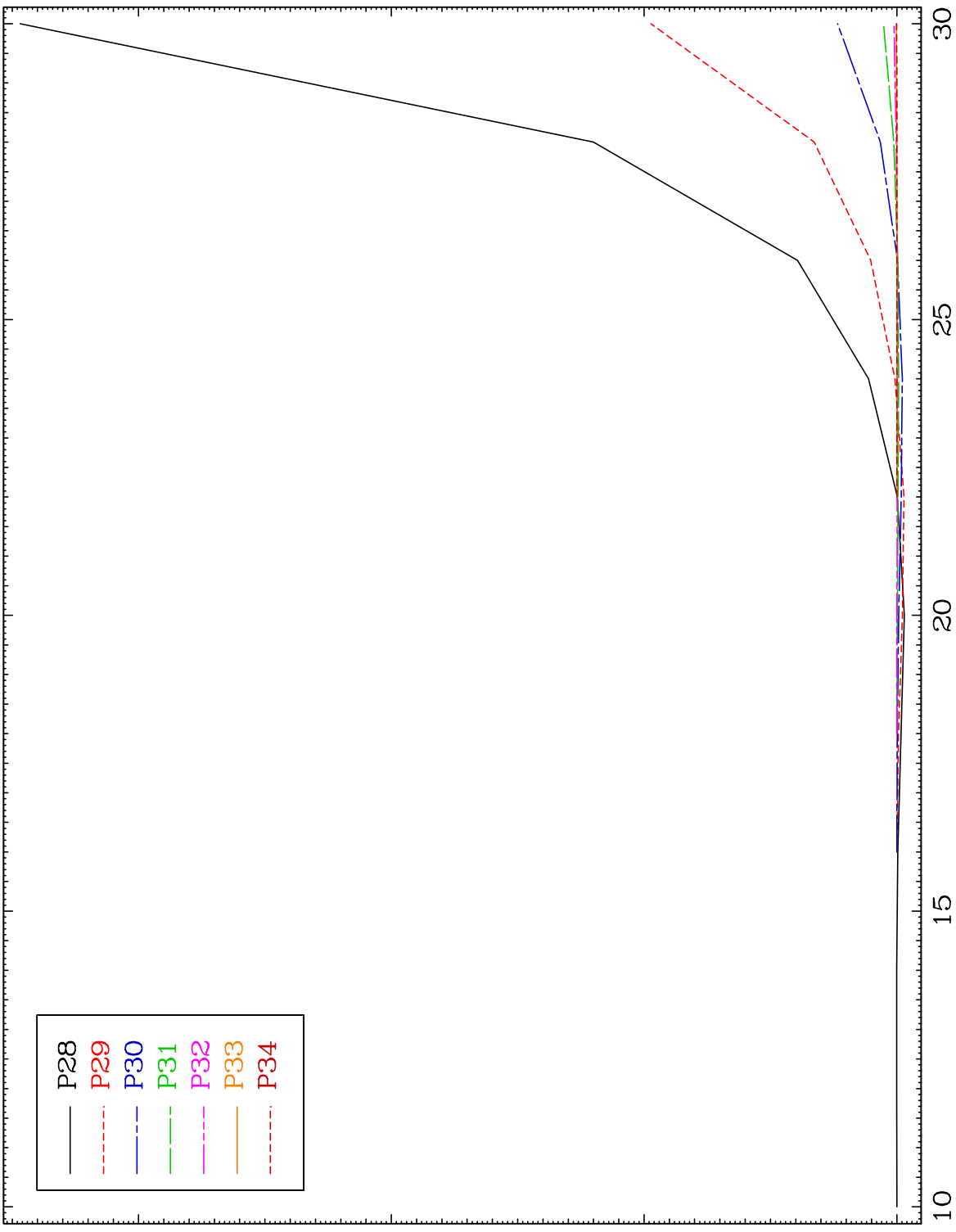


$\times 10^{-6}$

Legendre (CM)

Incident Energy (MeV)

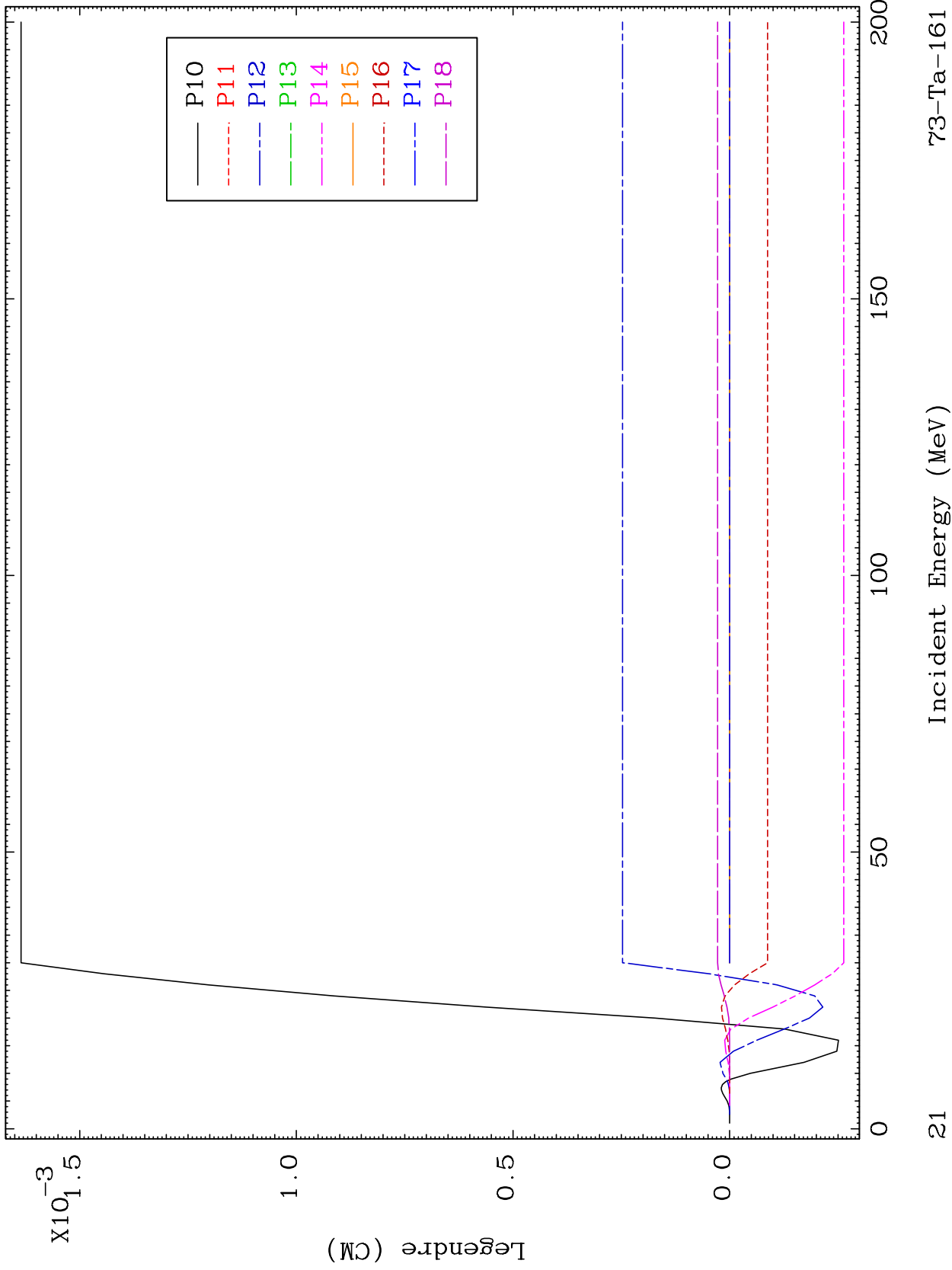
⁷³Ta-161



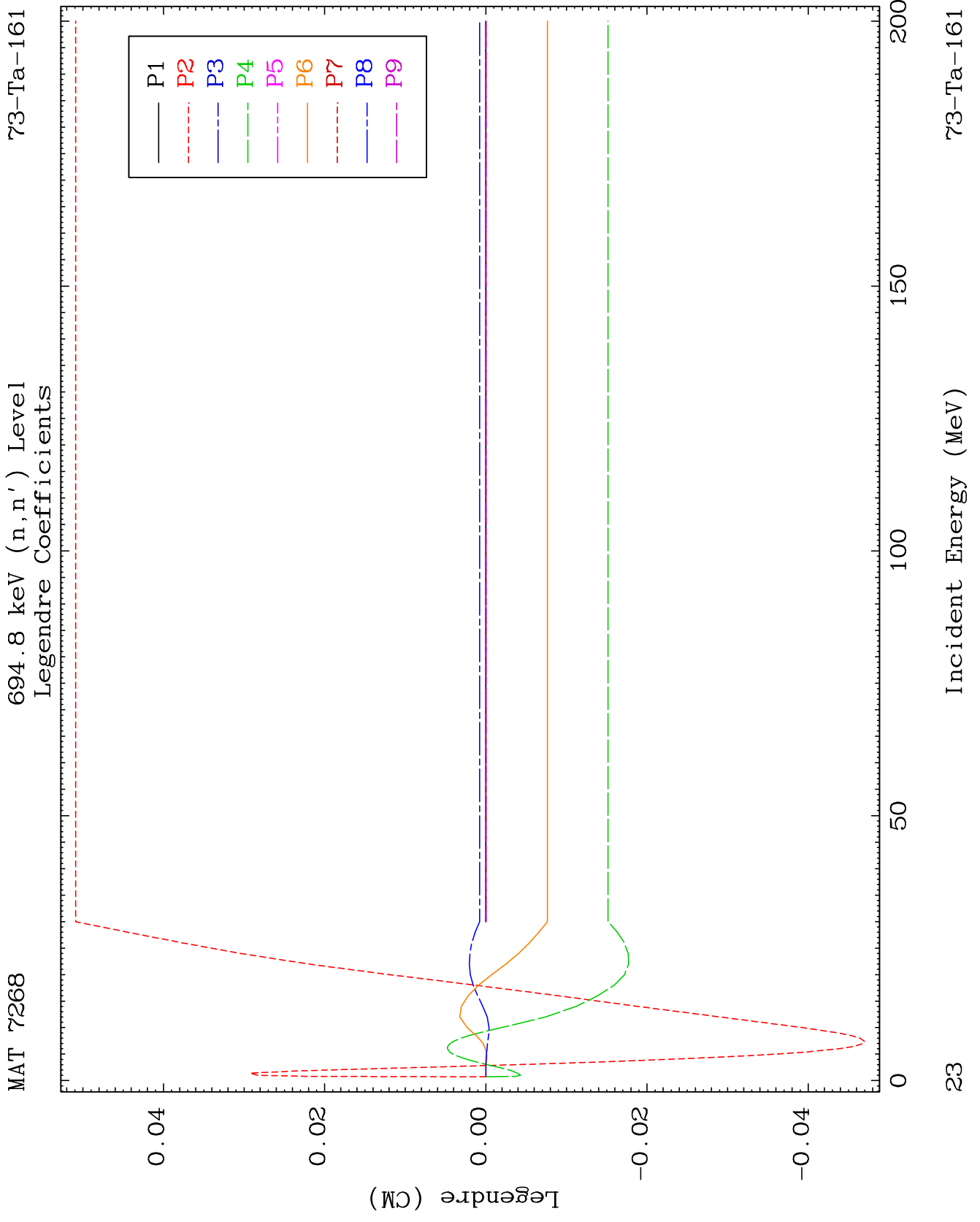
MAT 7268

108.0 keV (n,n') Level
Legendre Coefficients

73-Ta-161



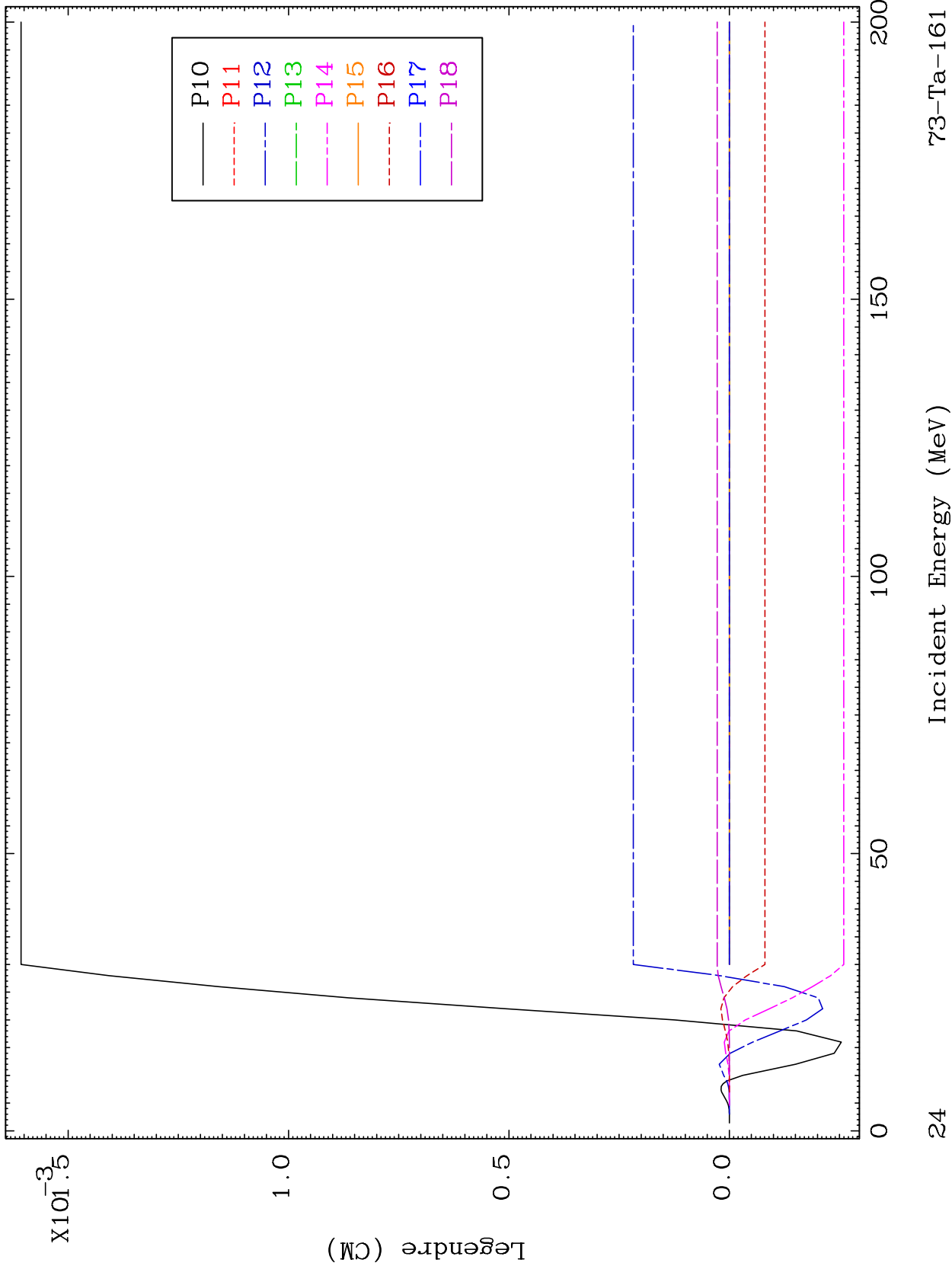
21



MAT 7268

694.8 keV (n, n') Level
Legendre Coefficients

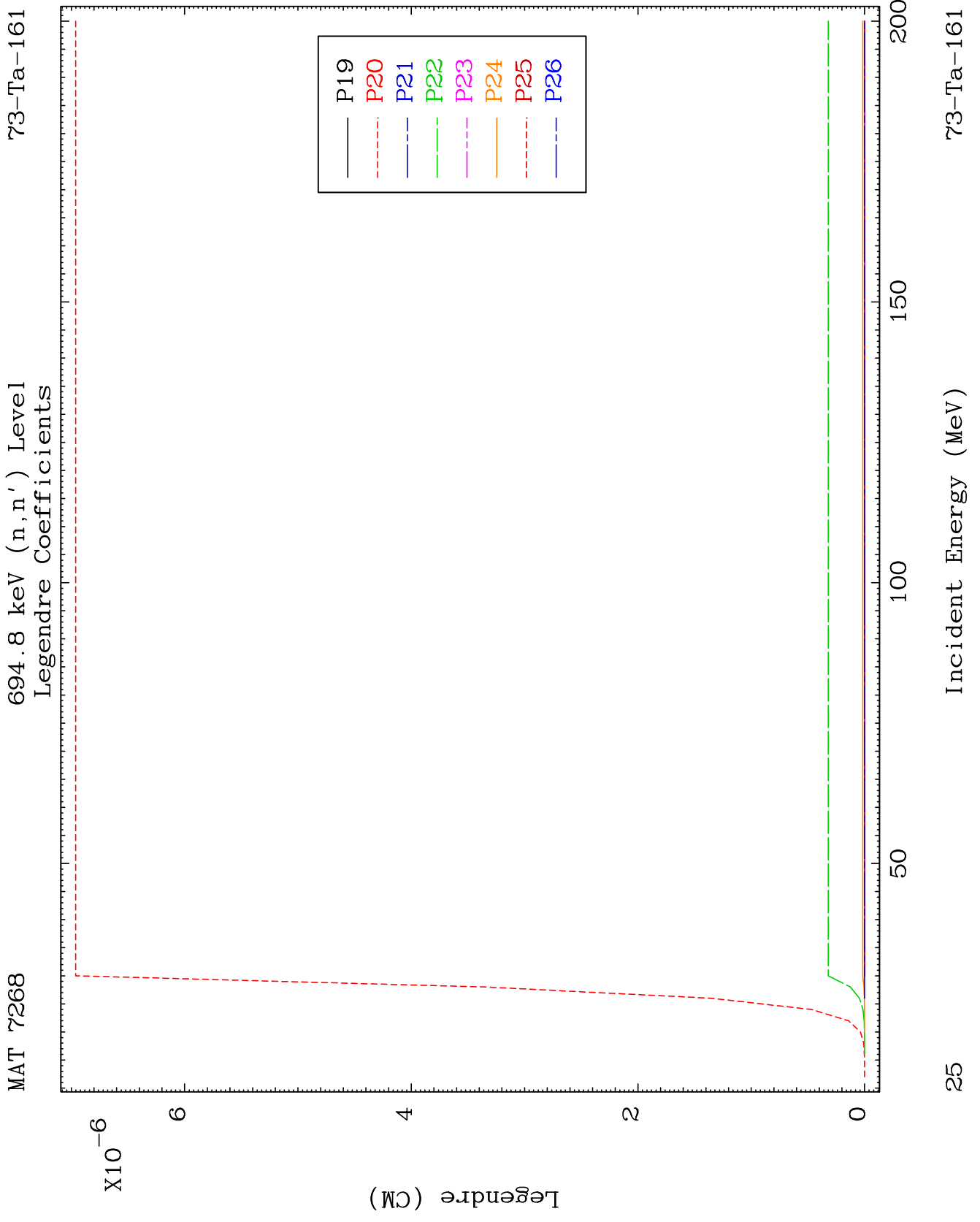
73-Ta-161



24

Incident Energy (MeV)

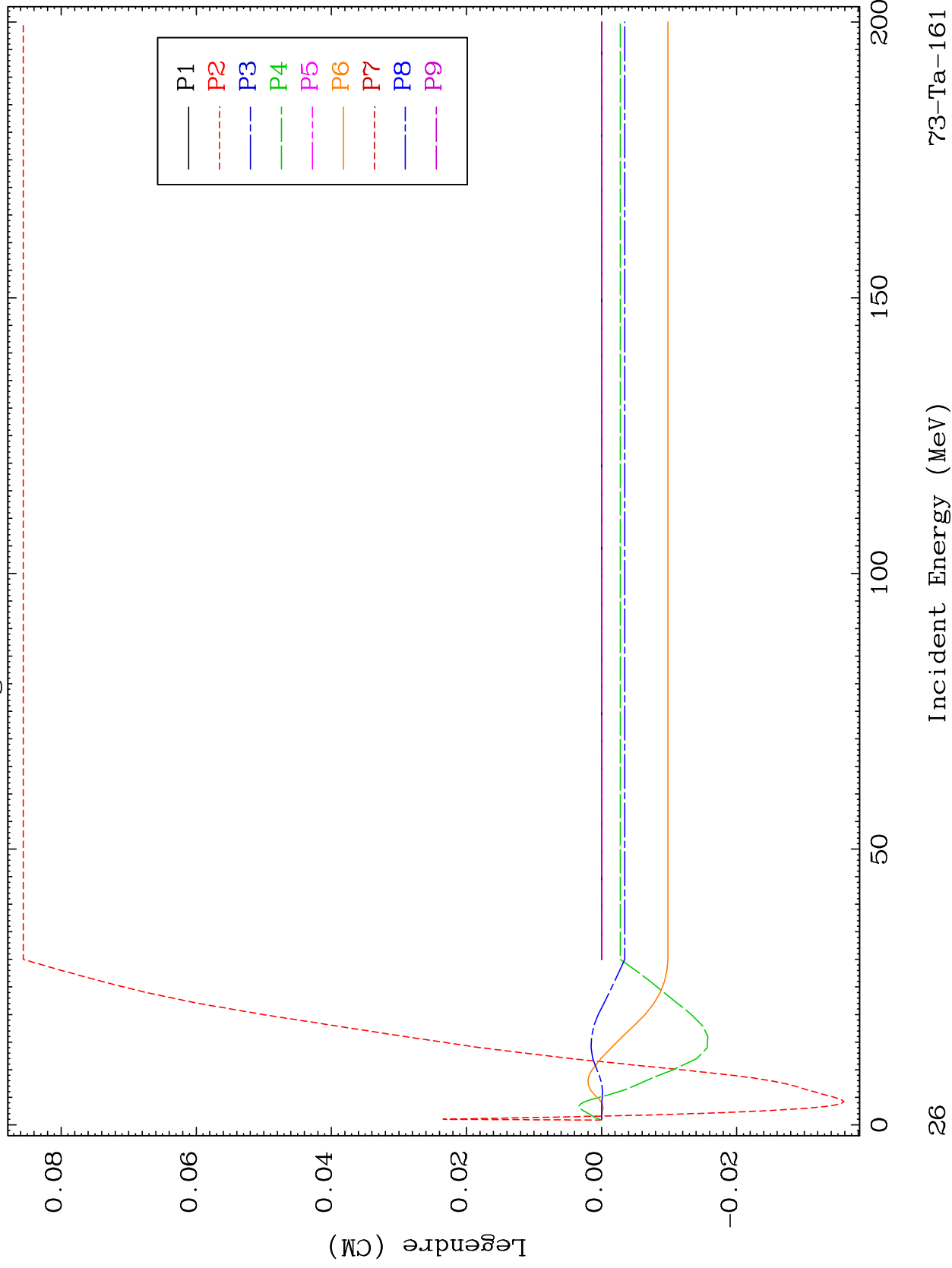
73-Ta-161



MAT 7268

852.1 keV (n,n') Level
Legendre Coefficients

73-Ta-161



73-Ta-161

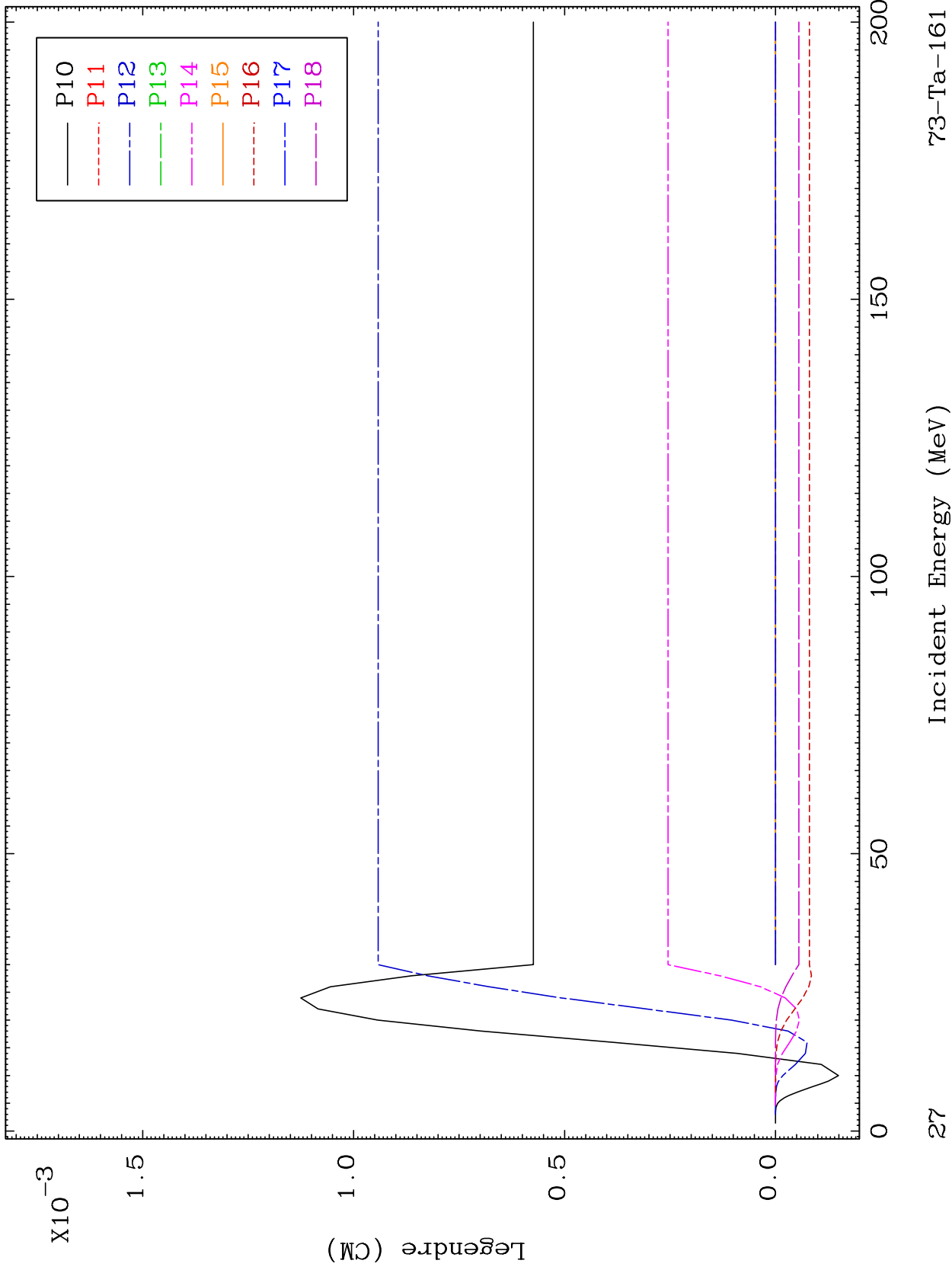
Incident Energy (MeV)

26

MAT 7268

852.1 keV (n,n') Level
Legendre Coefficients

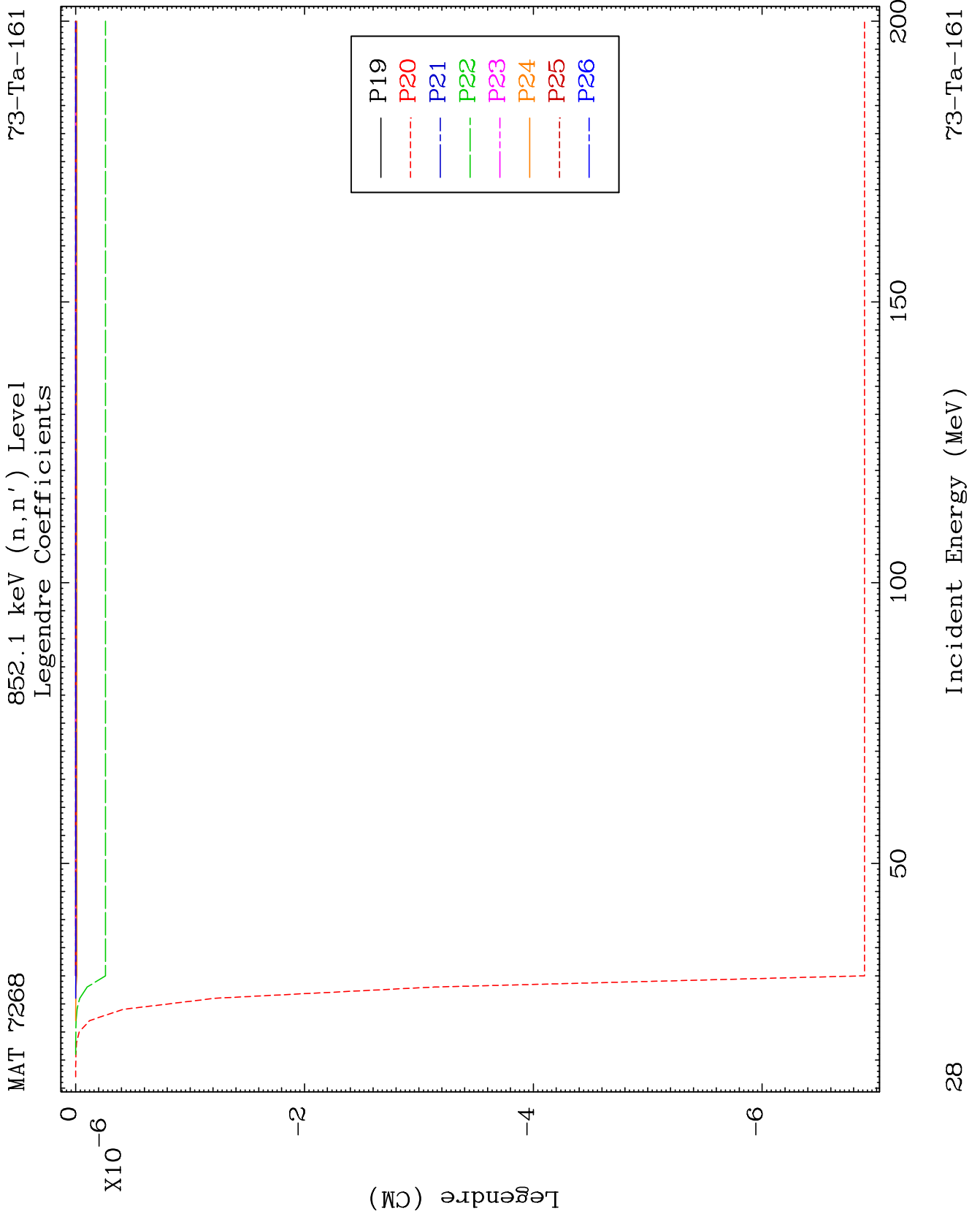
73-Ta-161



27

Incident Energy (MeV)

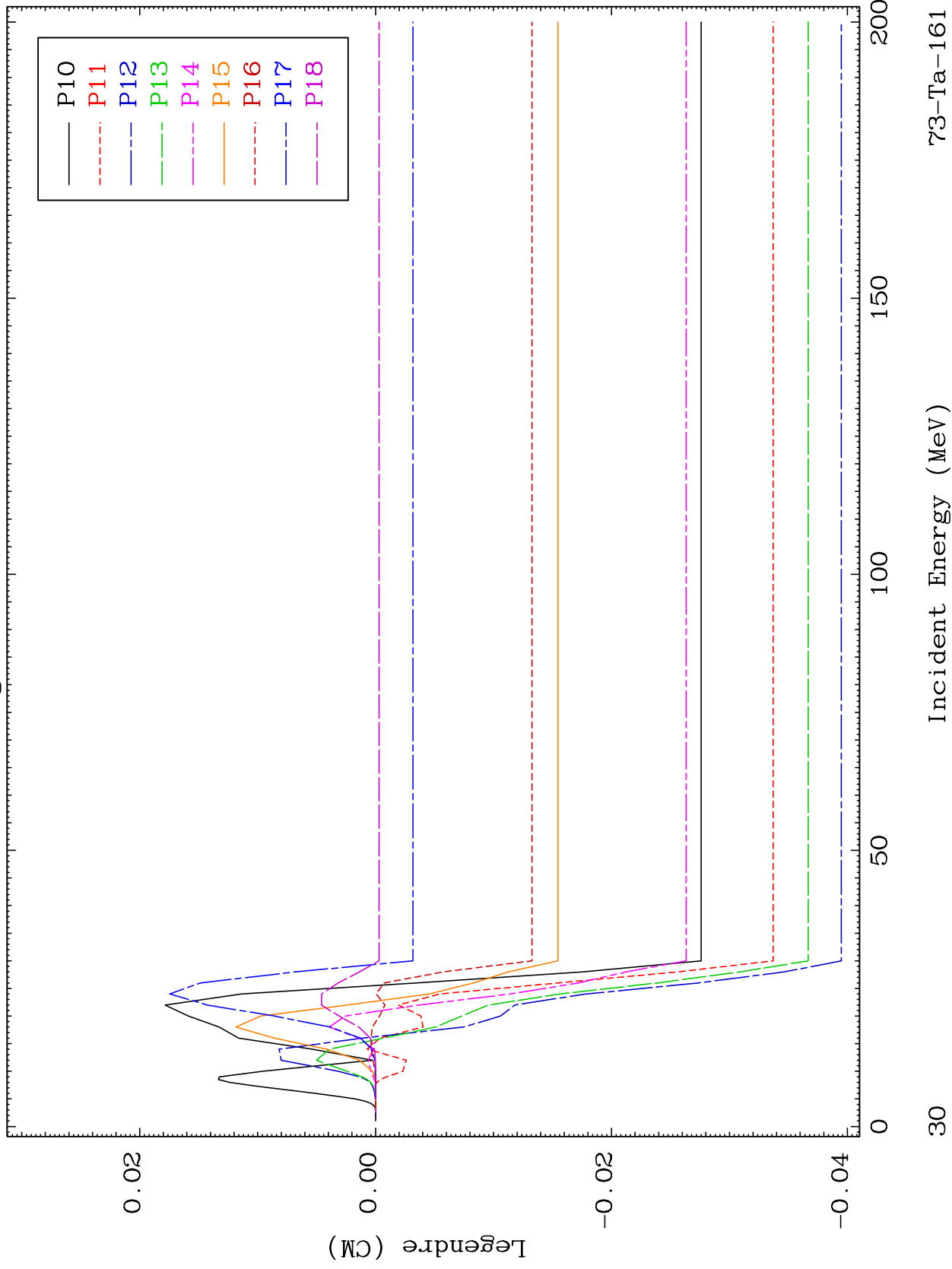
73-Ta-161



MAT 7268

905.0 keV (n,n') Level
Legendre Coefficients

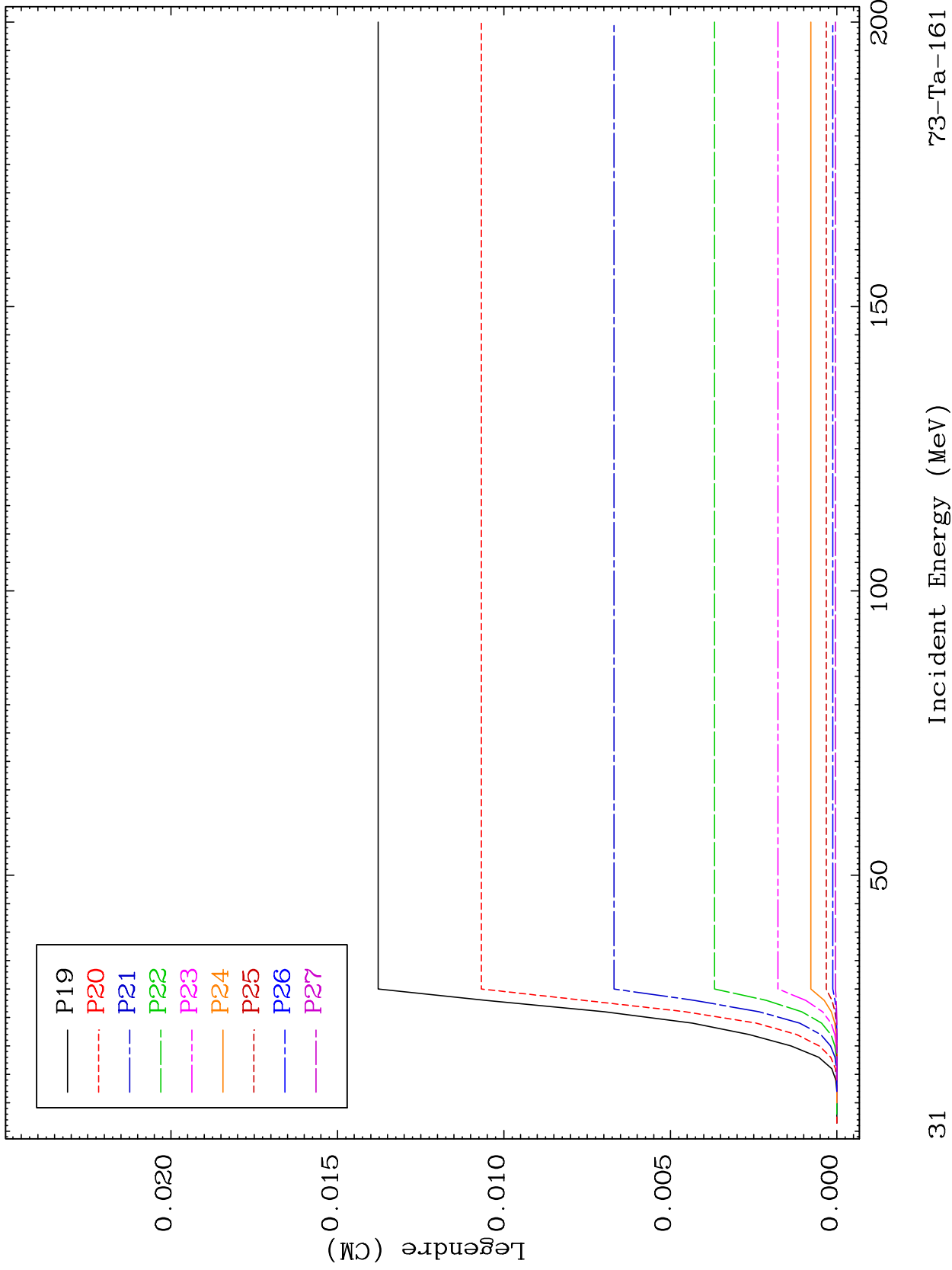
73-Ta-161



73-Ta-161

Incident Energy (MeV)

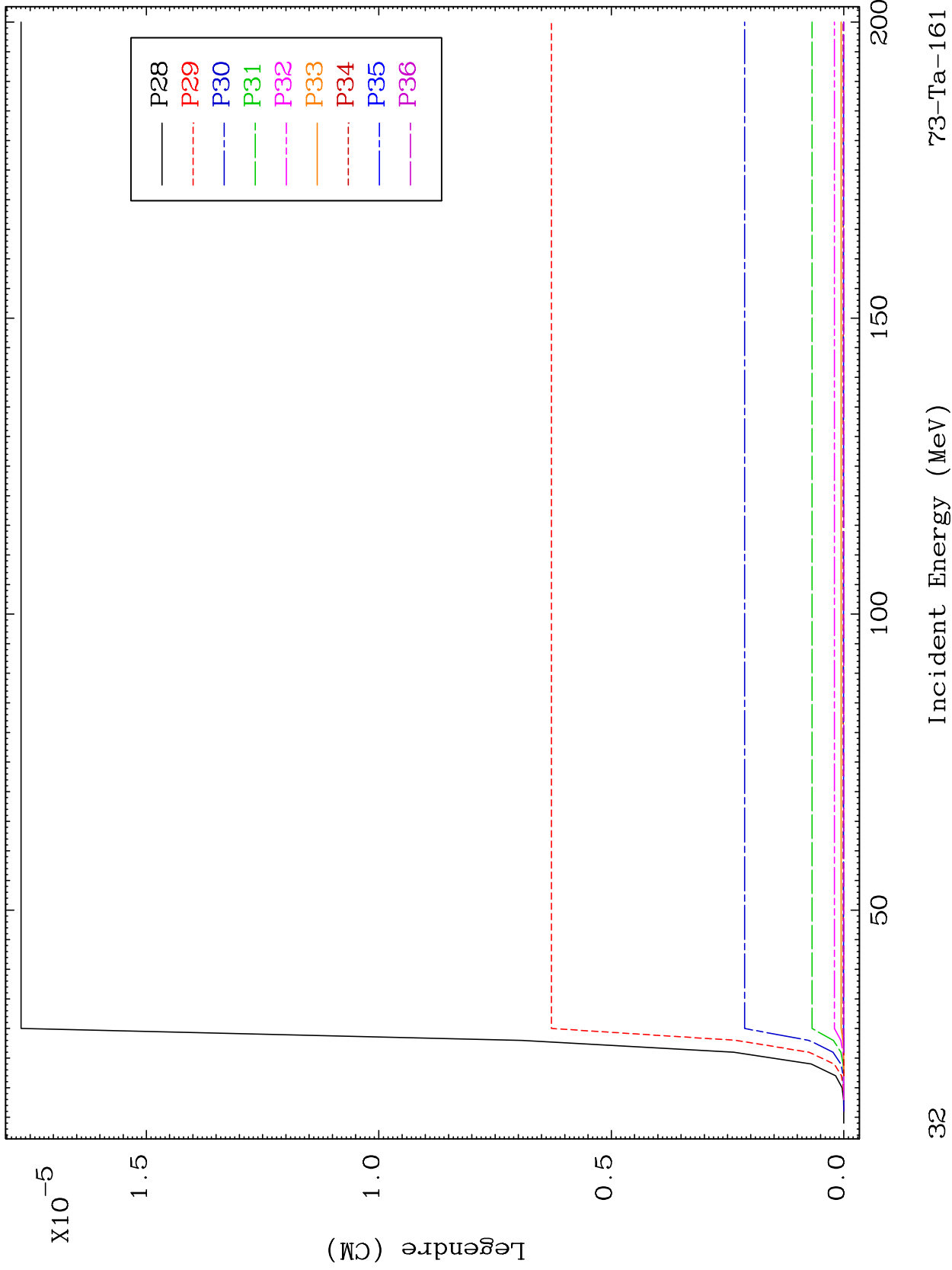
30



MAT 7268

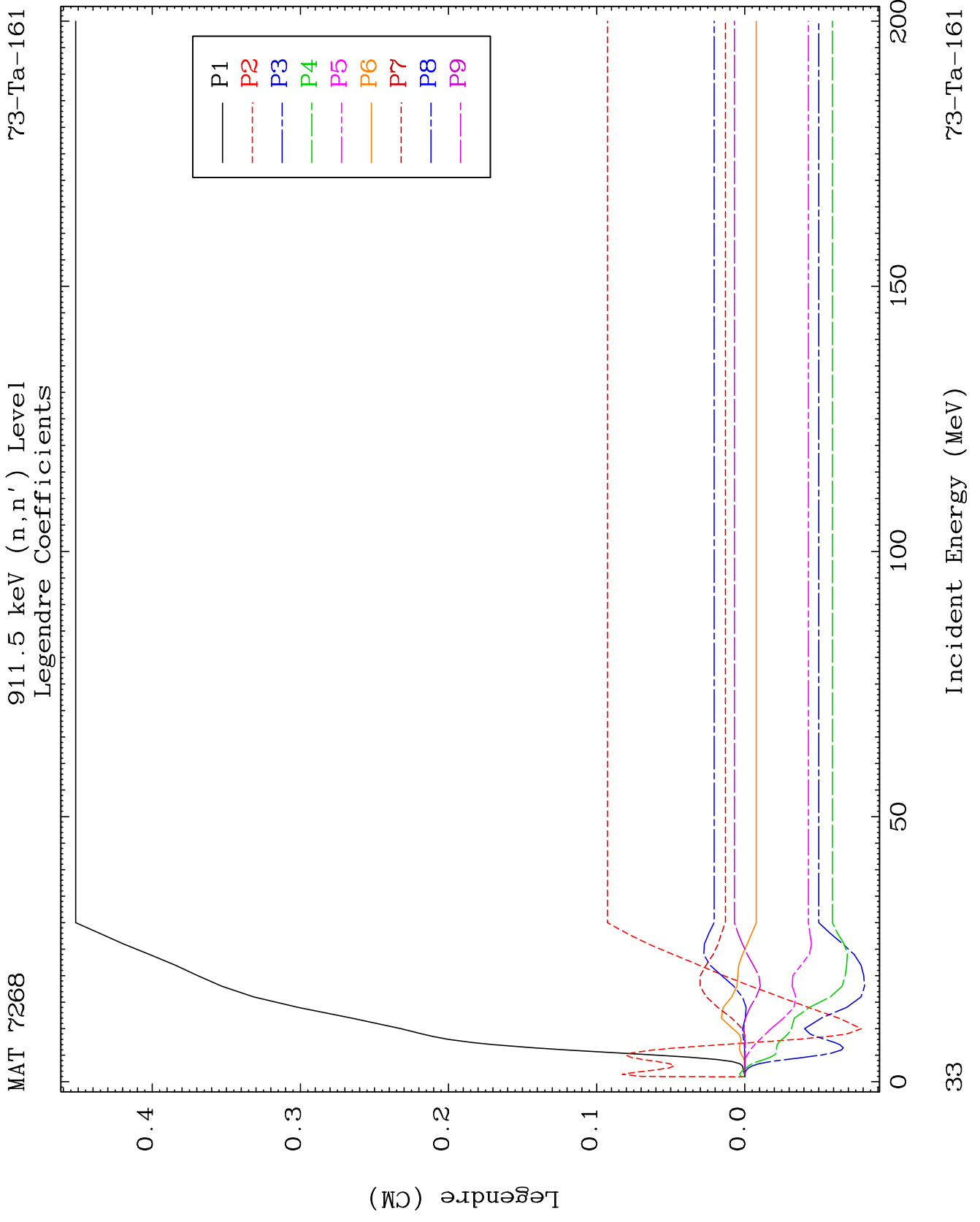
905.0 keV (n,n') Level
Legendre Coefficients

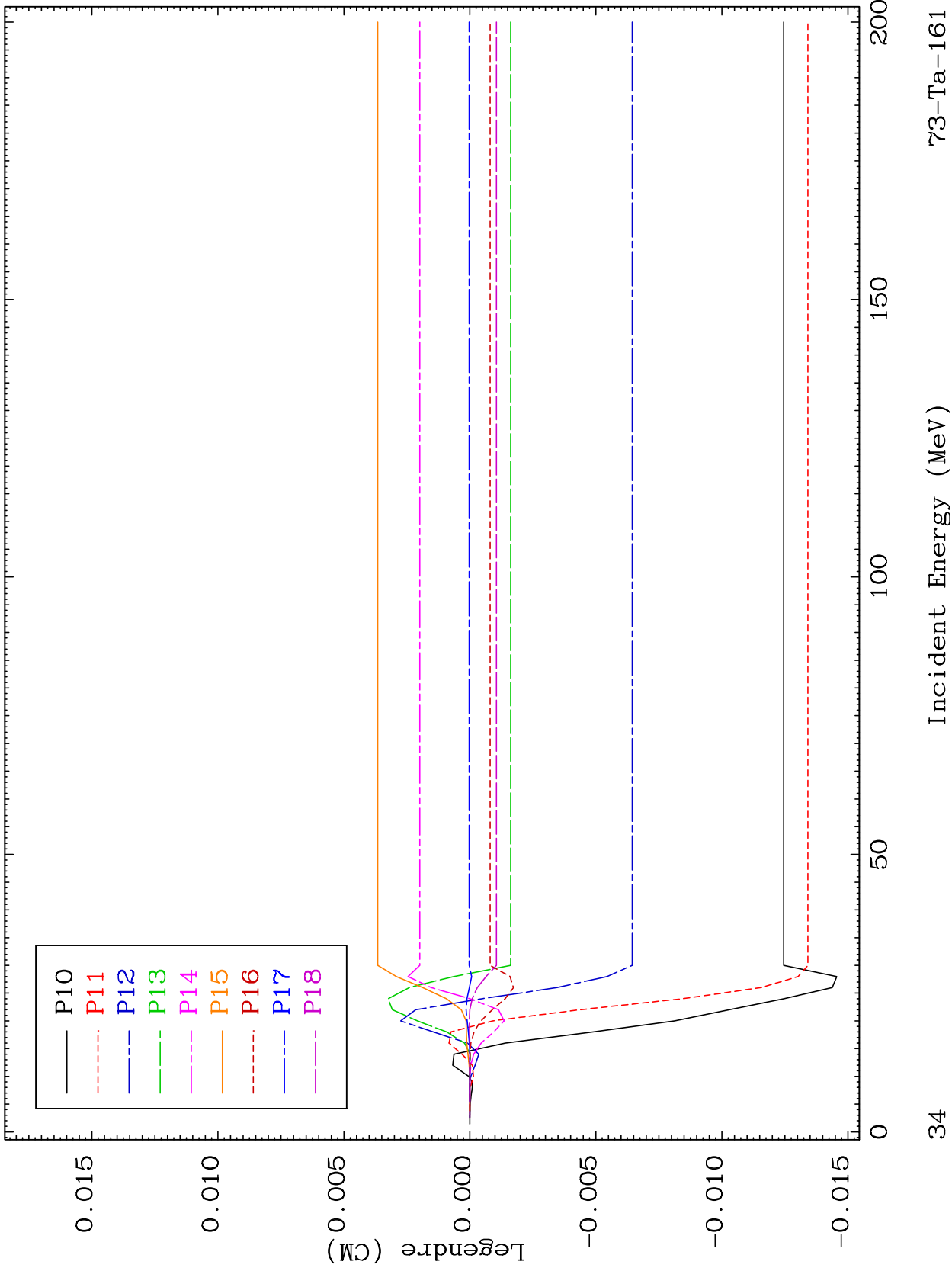
73-Ta-161



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73-Ta-161

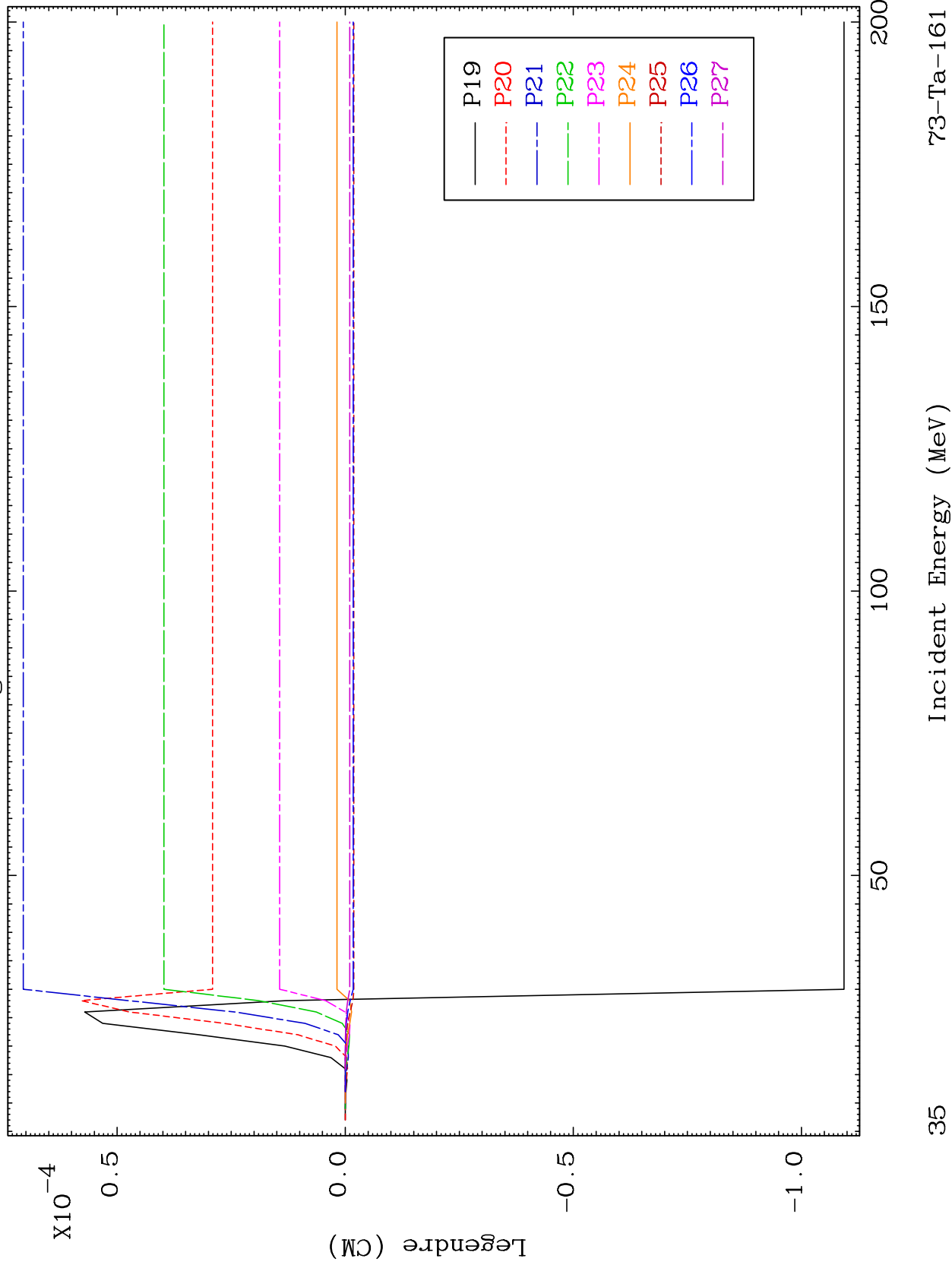




MAT 7268

911.5 keV (n,n') Level
Legendre Coefficients

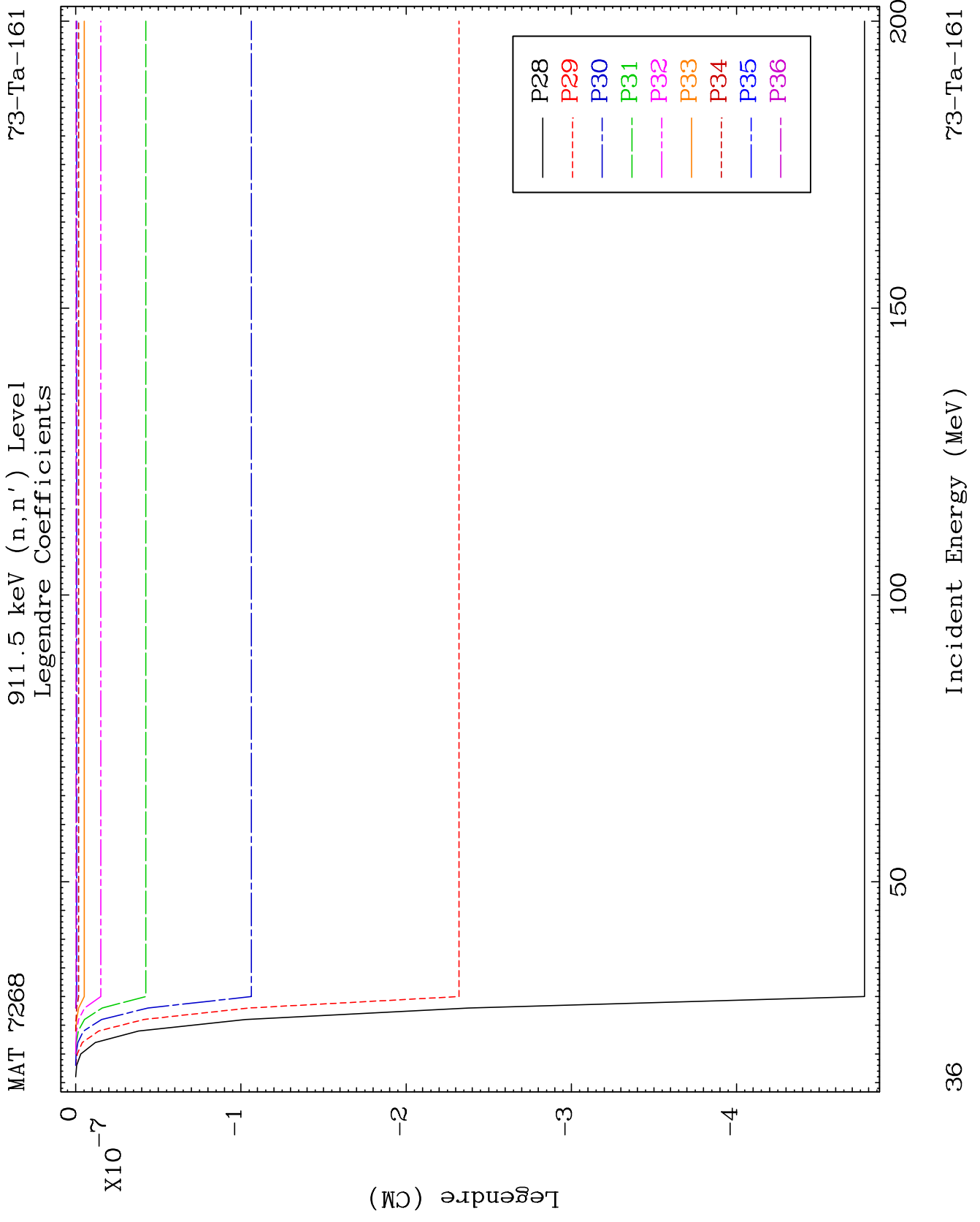
73-Ta-161

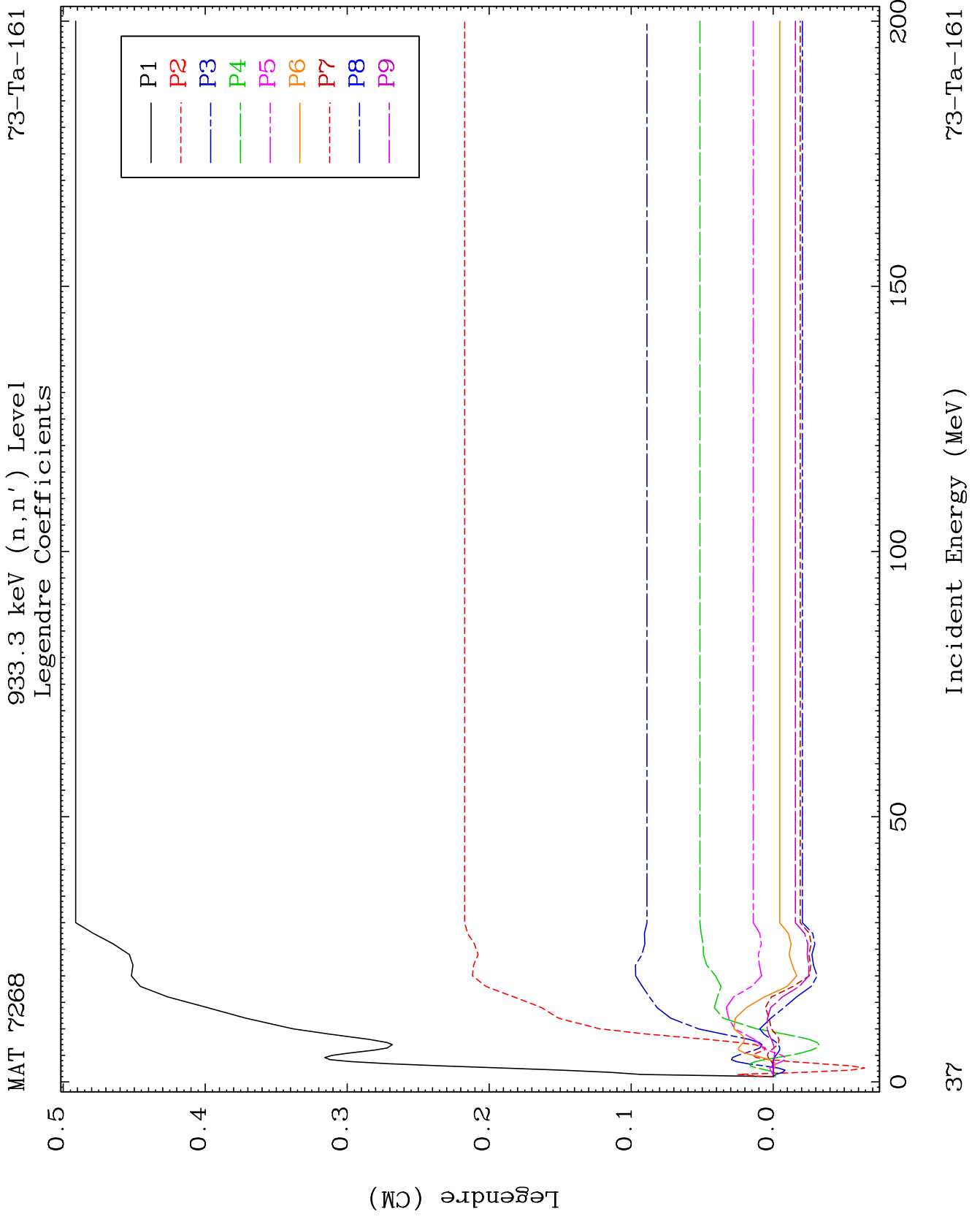


35

Incident Energy (MeV)

73-Ta-161

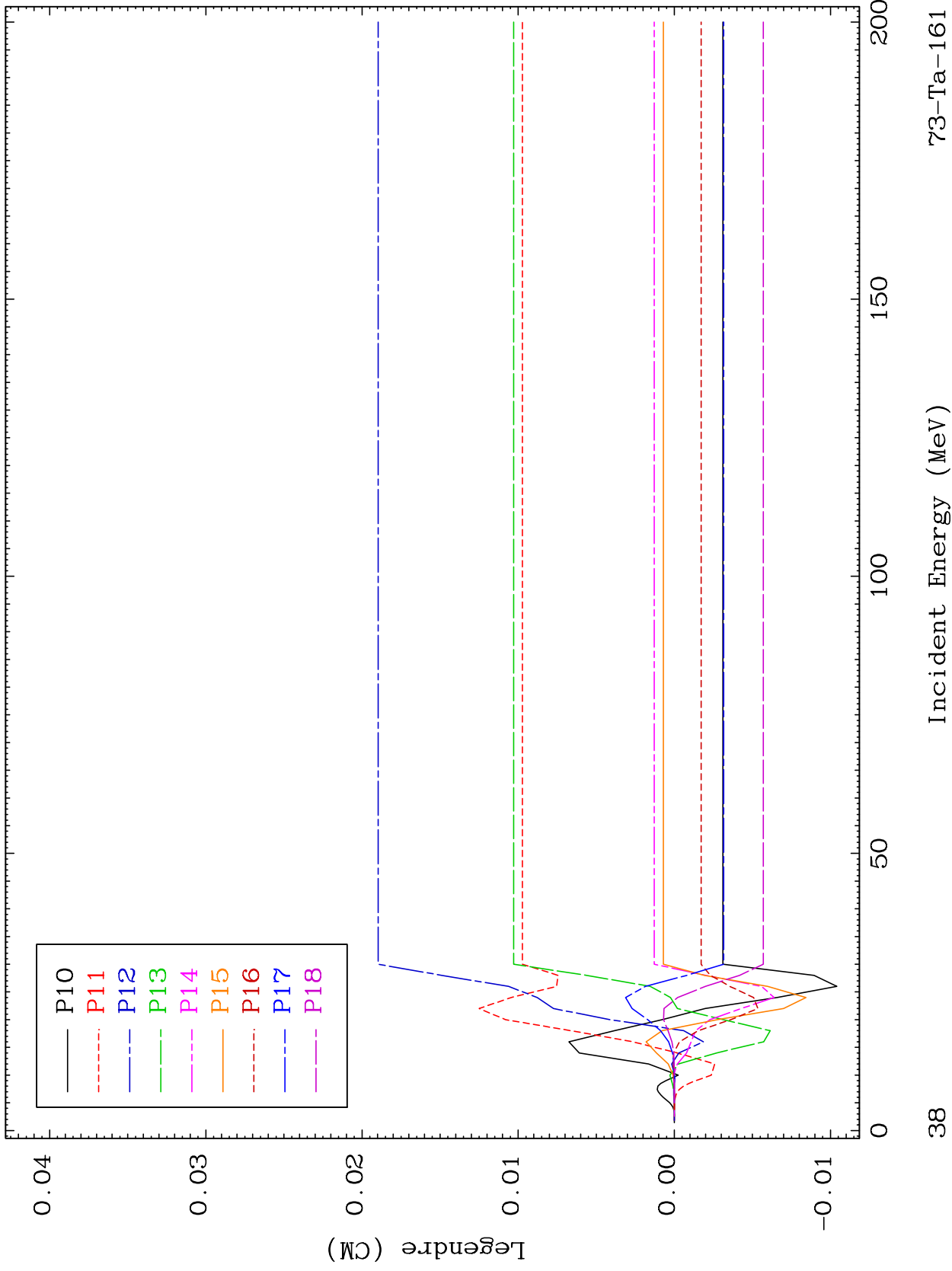




MAT 7268

933.3 keV (n,n') Level
Legendre Coefficients

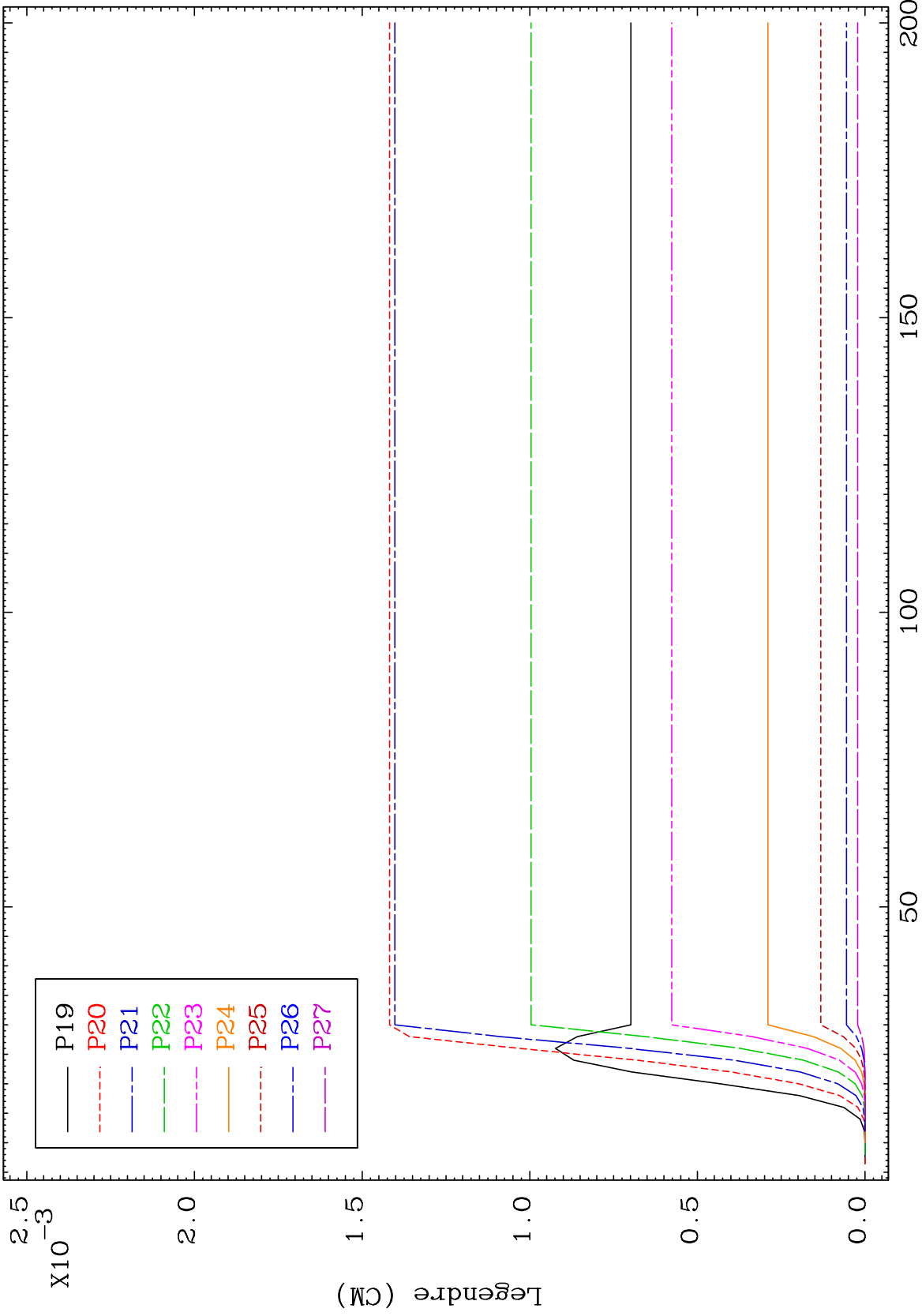
73-Ta-161



38

Incident Energy (MeV)

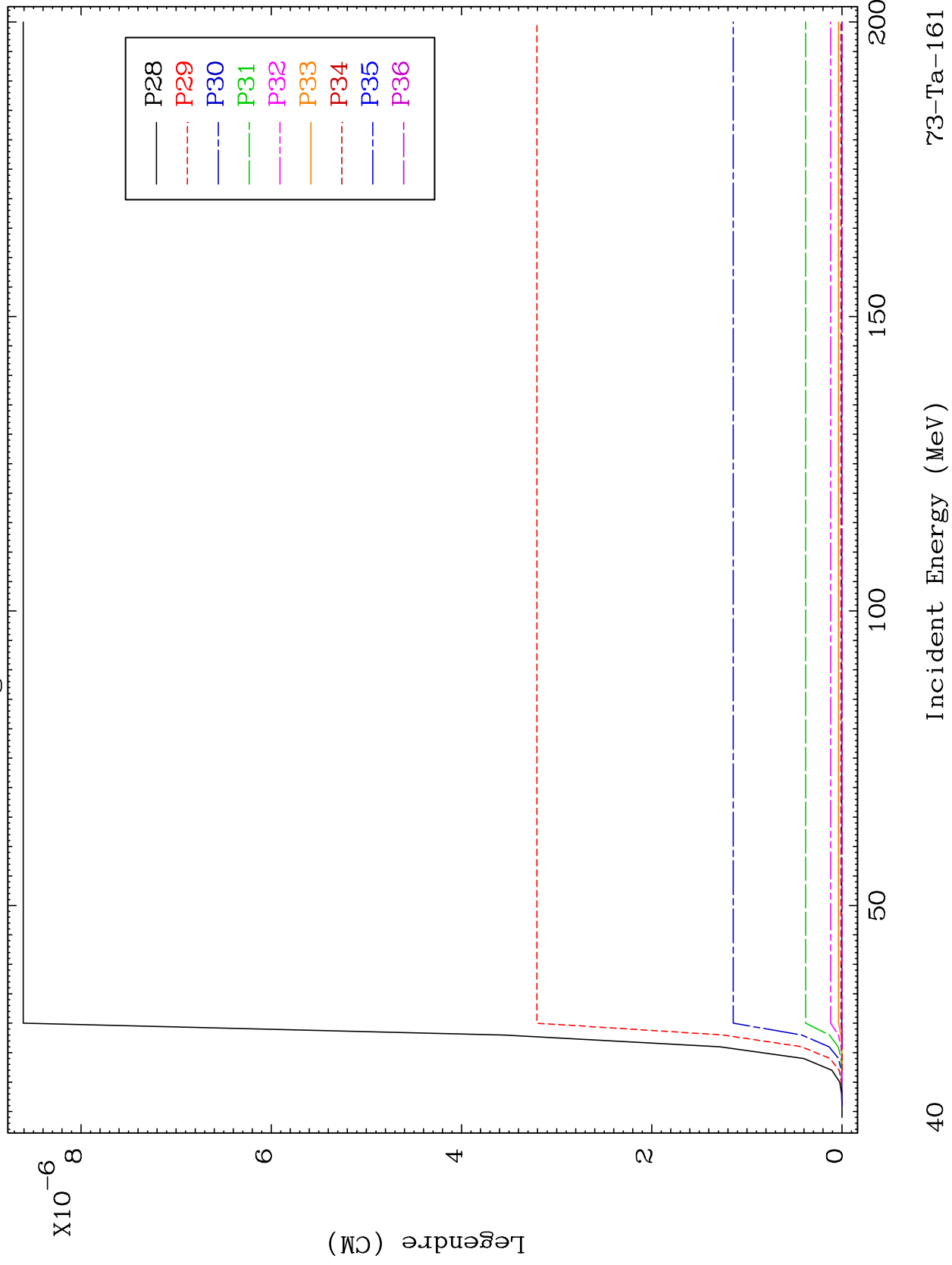
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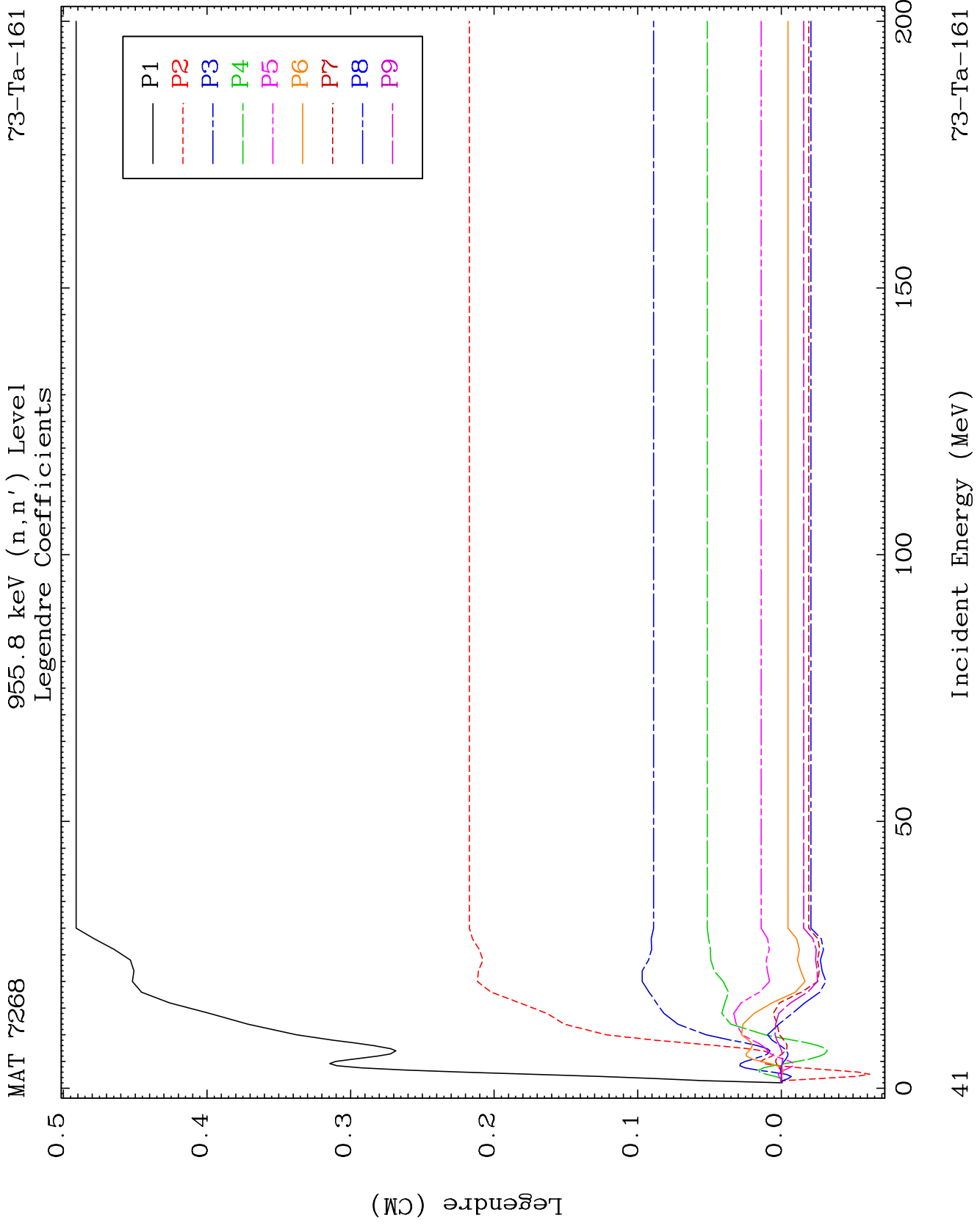


MAT 7268

933.3 keV (n,n') Level
Legendre Coefficients

73-Ta-161

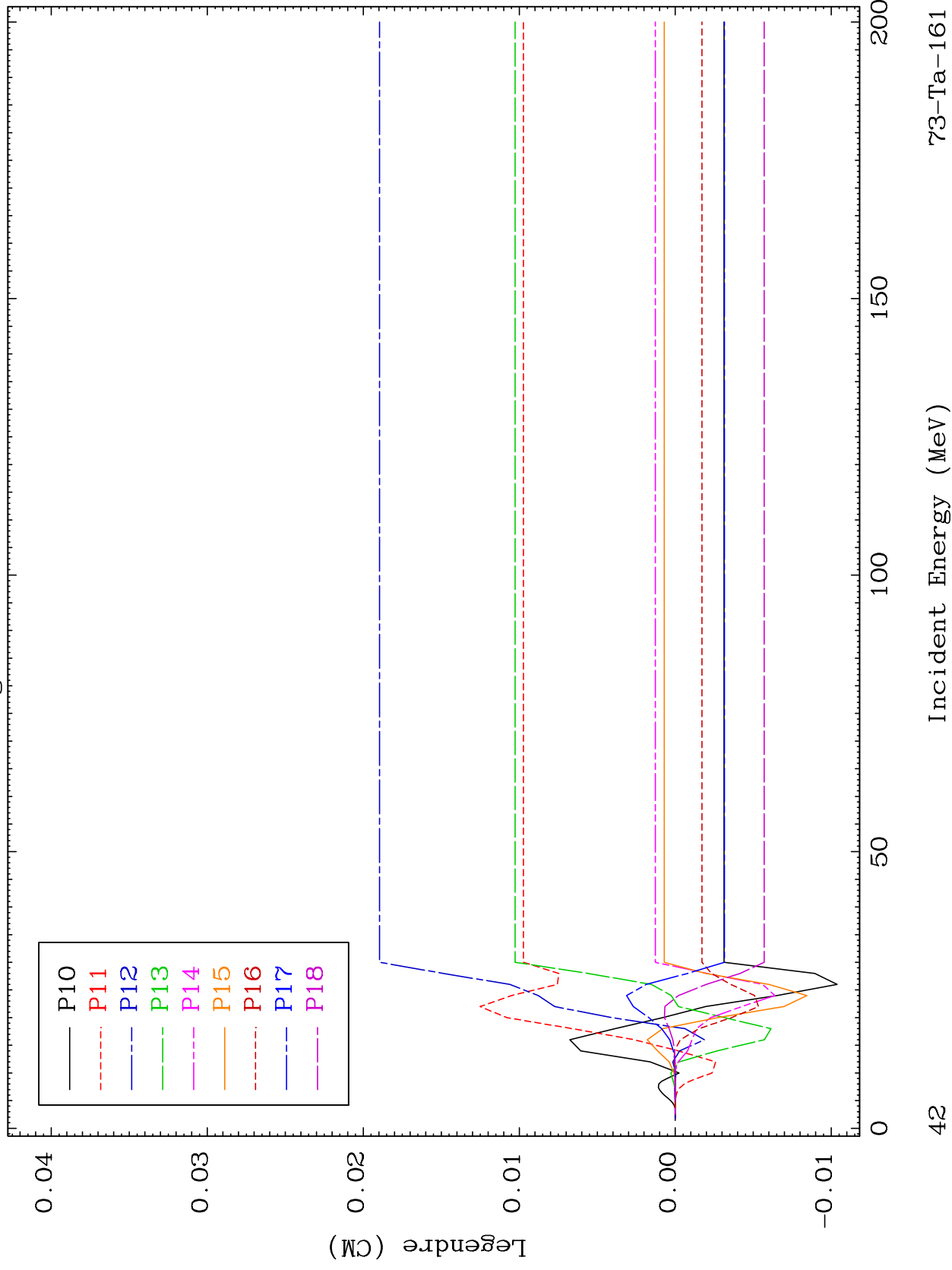




MAT 7268

955.8 keV (n, n') Level
Legendre Coefficients

73-Ta-161



42

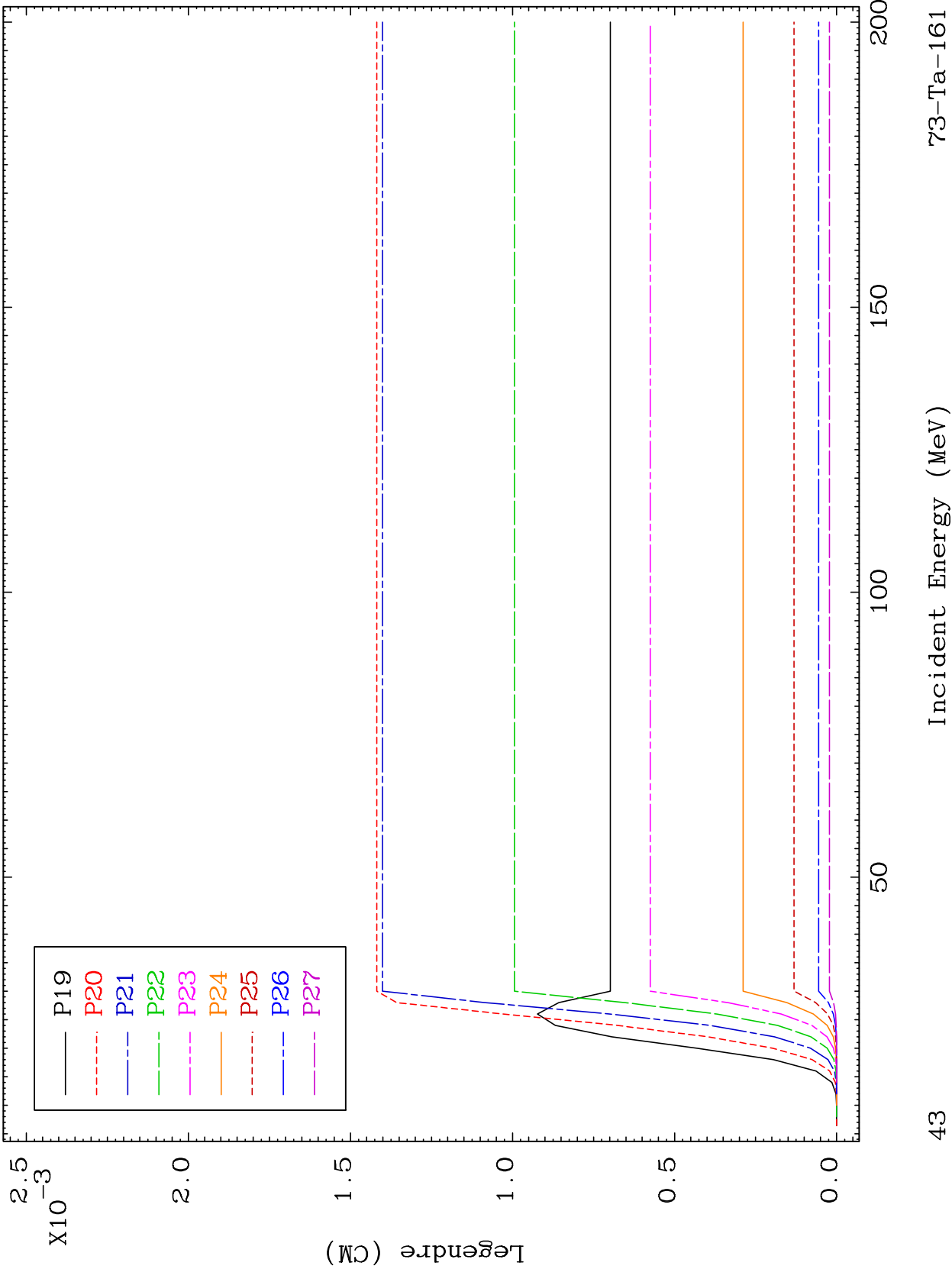
Incident Energy (MeV)

73-Ta-161

MAT 7268

955.8 keV (n, n') Level
Legendre Coefficients

73-Ta-161



43

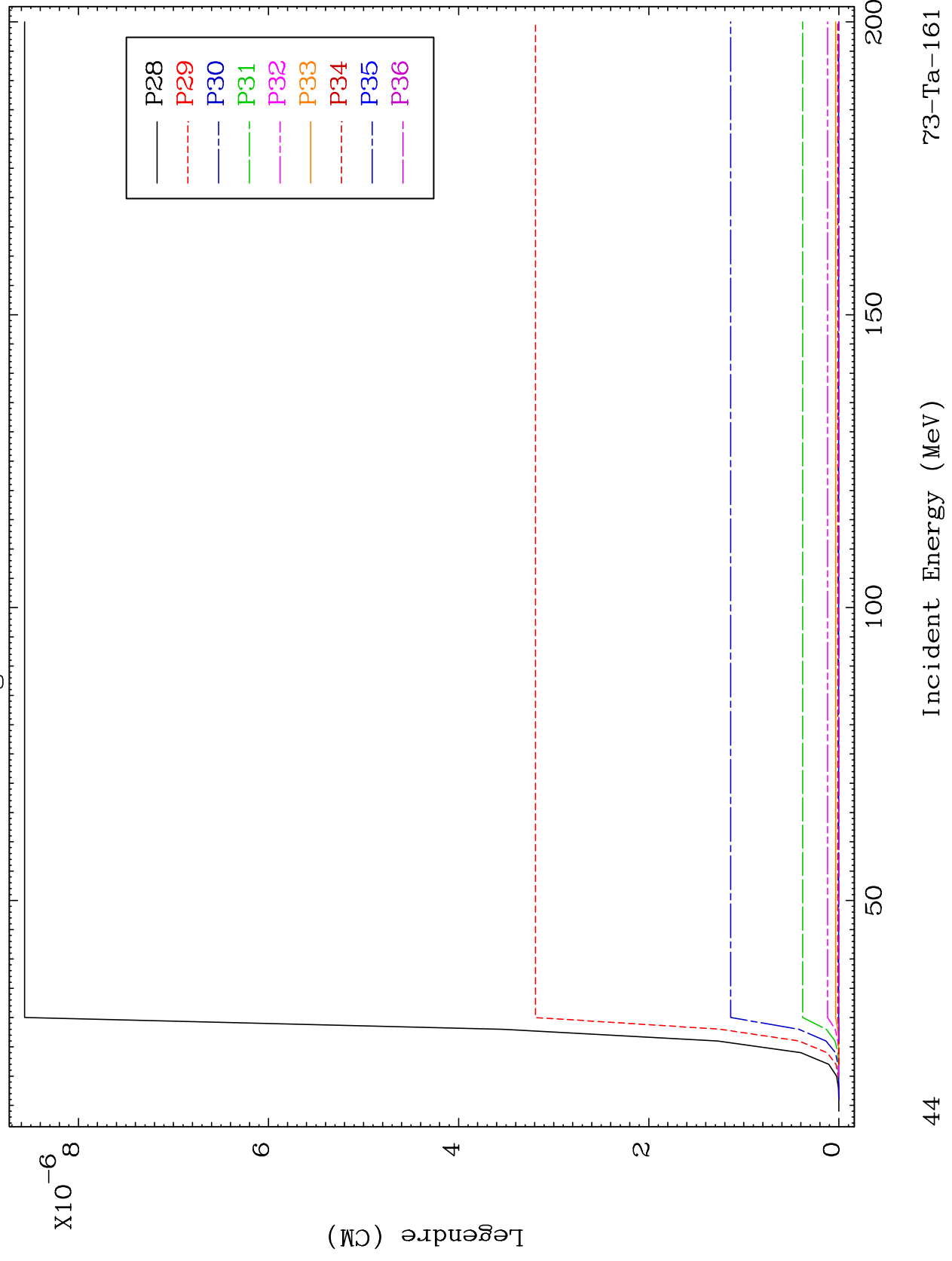
Incident Energy (MeV)

73-Ta-161

MAT 7268

955.8 keV (n,n') Level
Legendre Coefficients

73-Ta-161



44

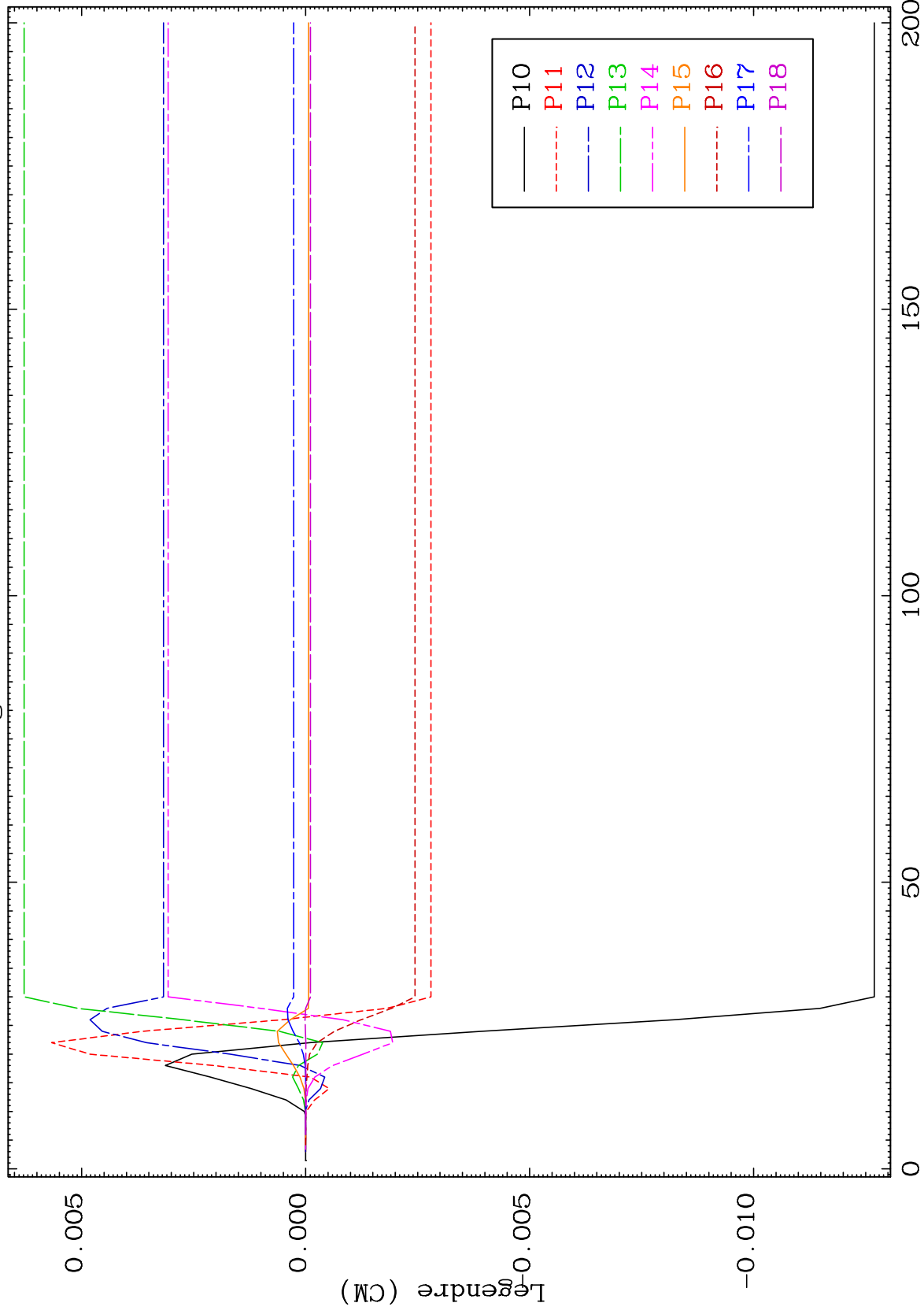
Incident Energy (MeV)

73-Ta-161

MAT 7268

974.4 keV (n,n') Level
Legendre Coefficients

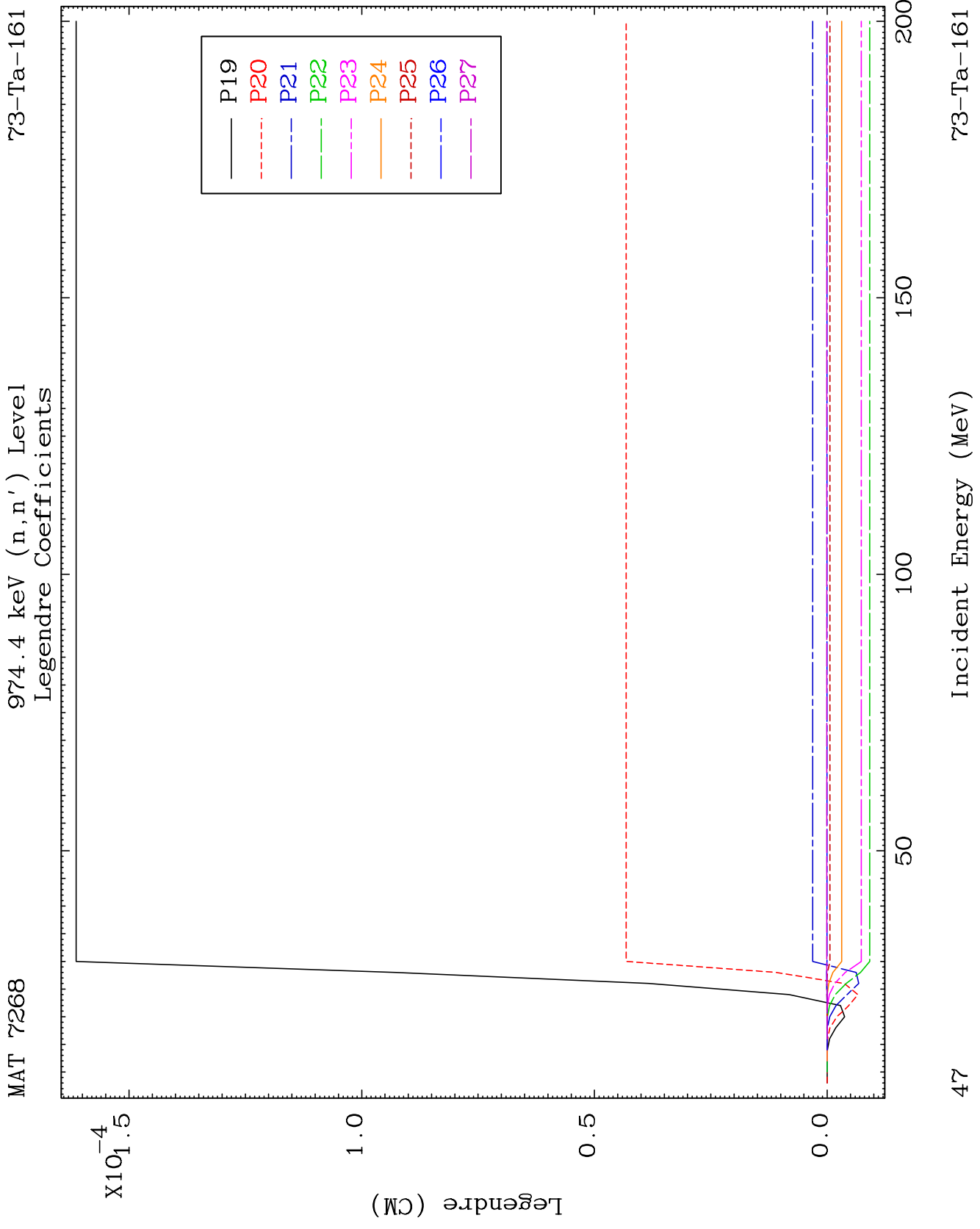
73-Ta-161



46

Incident Energy (MeV)

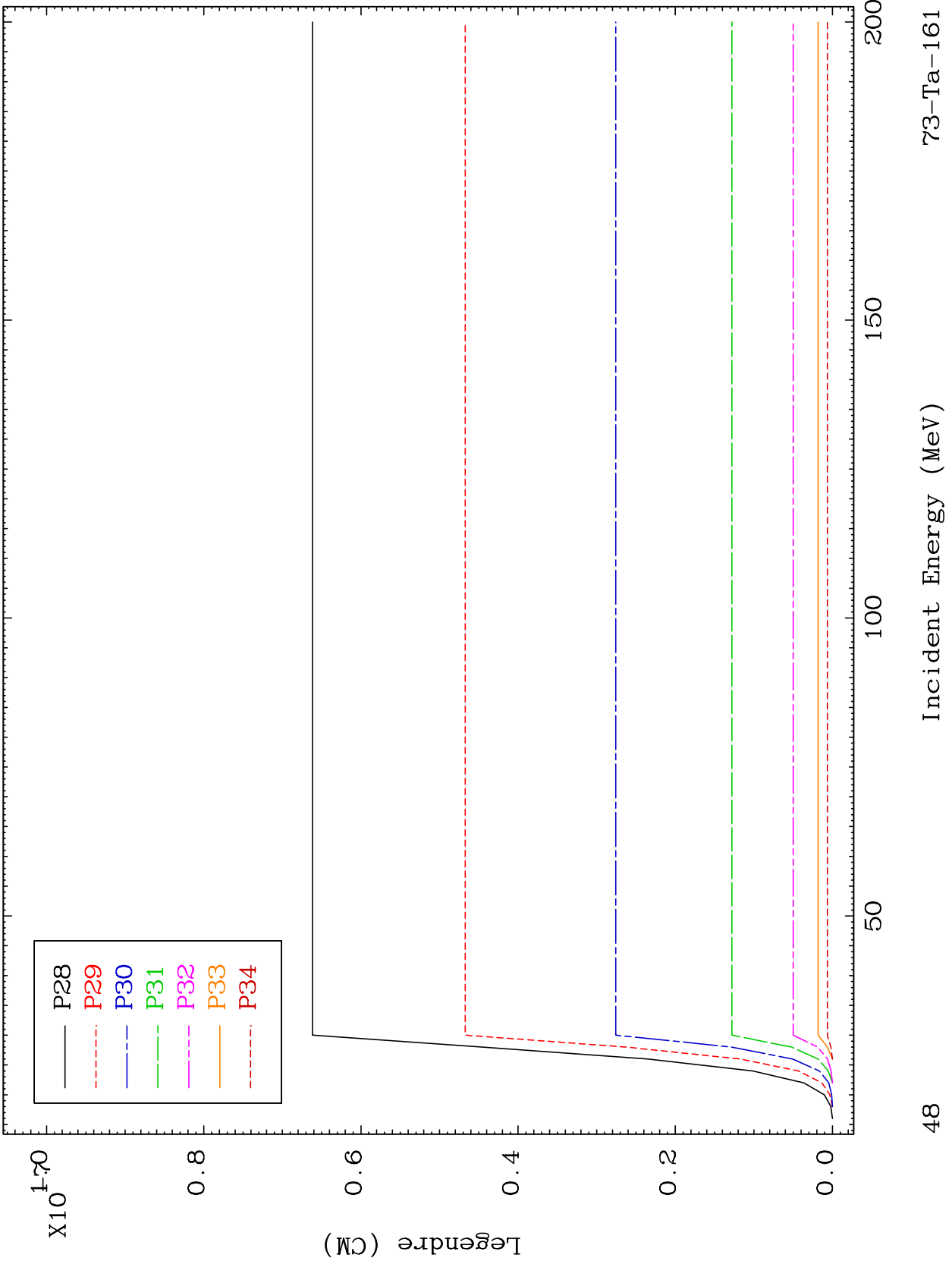
73-Ta-161



MAT 7268

974.4 keV (n,n') Level
Legendre Coefficients

73-Ta-161



48

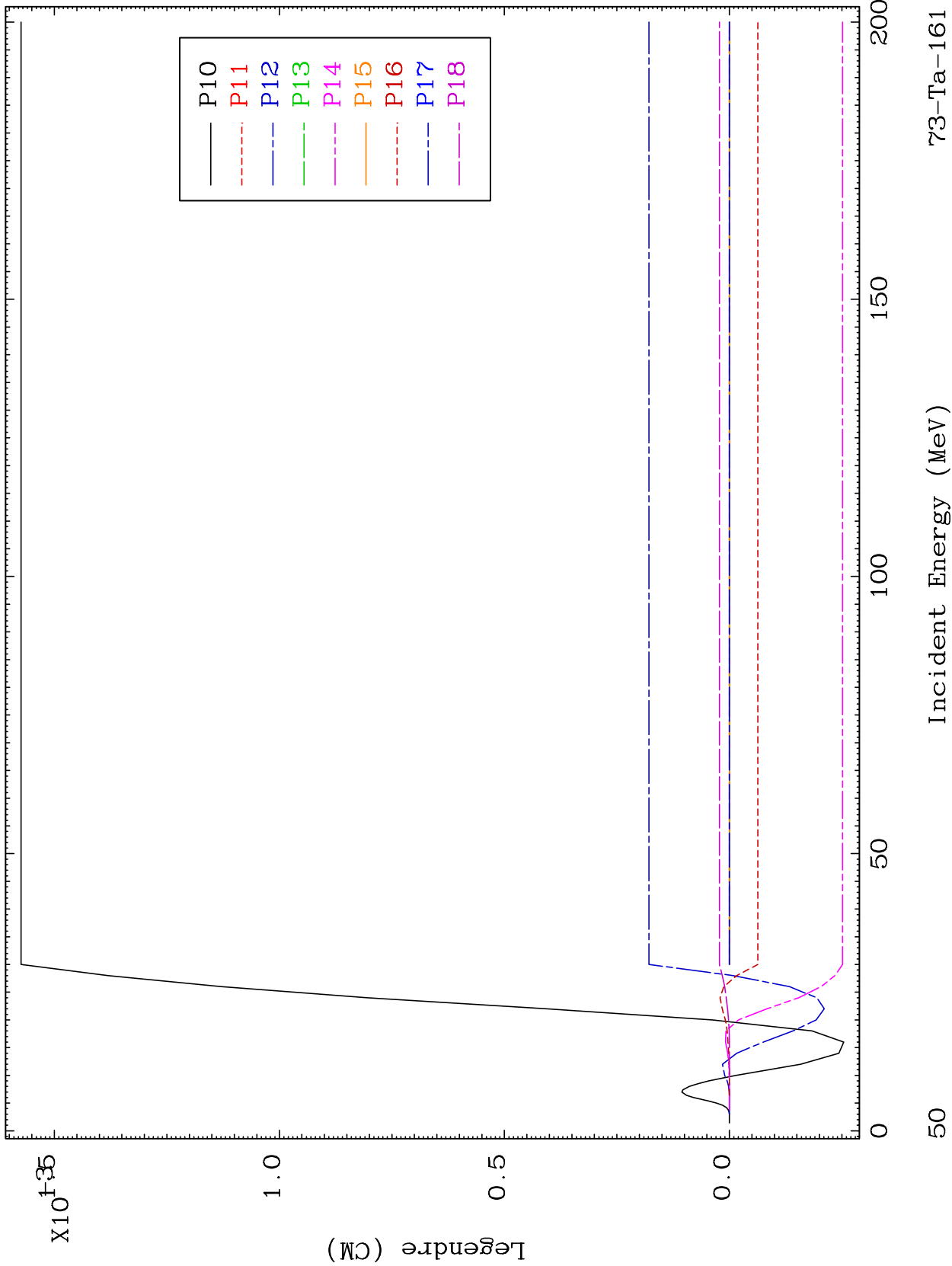
Incident Energy (MeV)

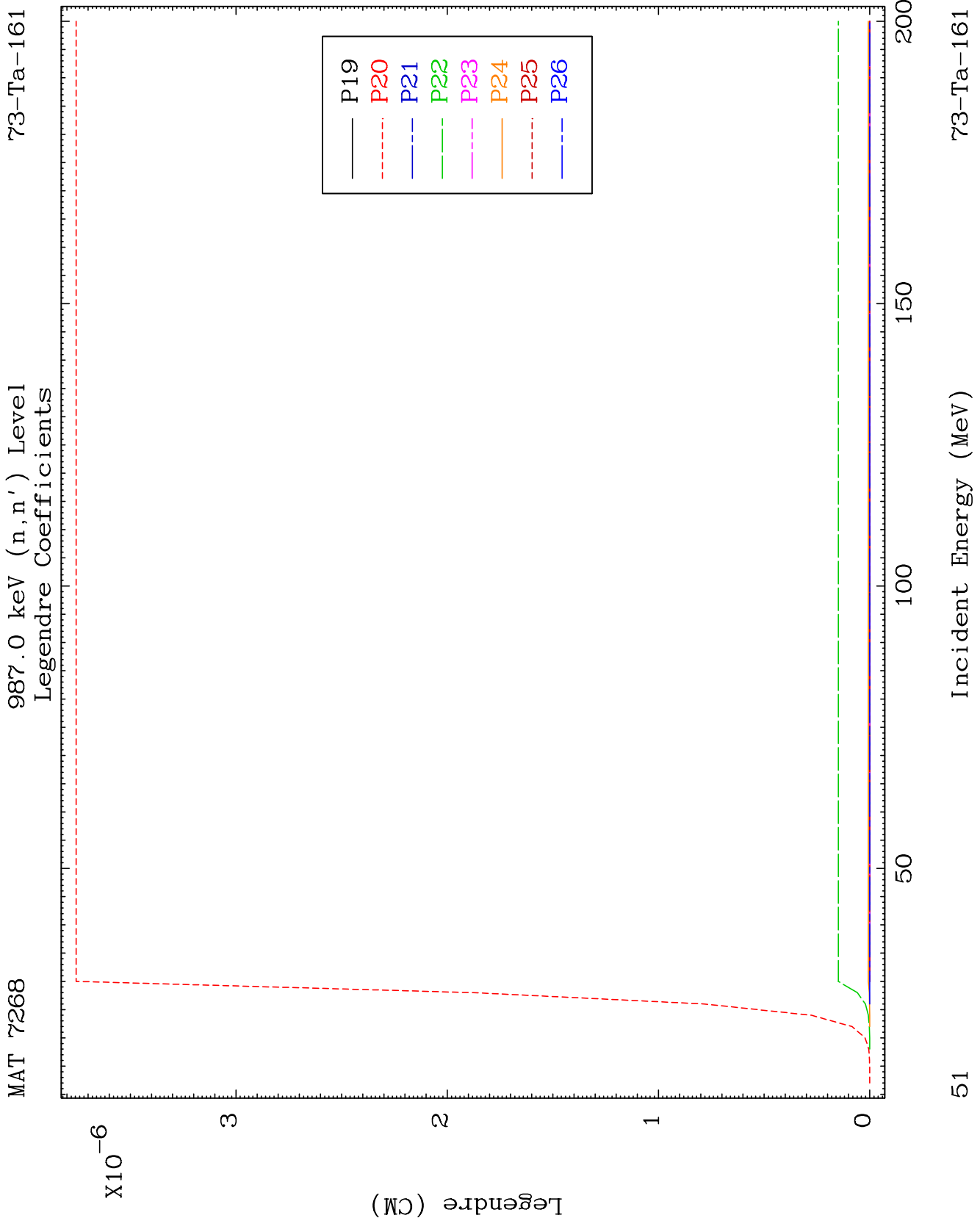
73-Ta-161

MAT 7268

987.0 keV (n,n') Level
Legendre Coefficients

73-Ta-161

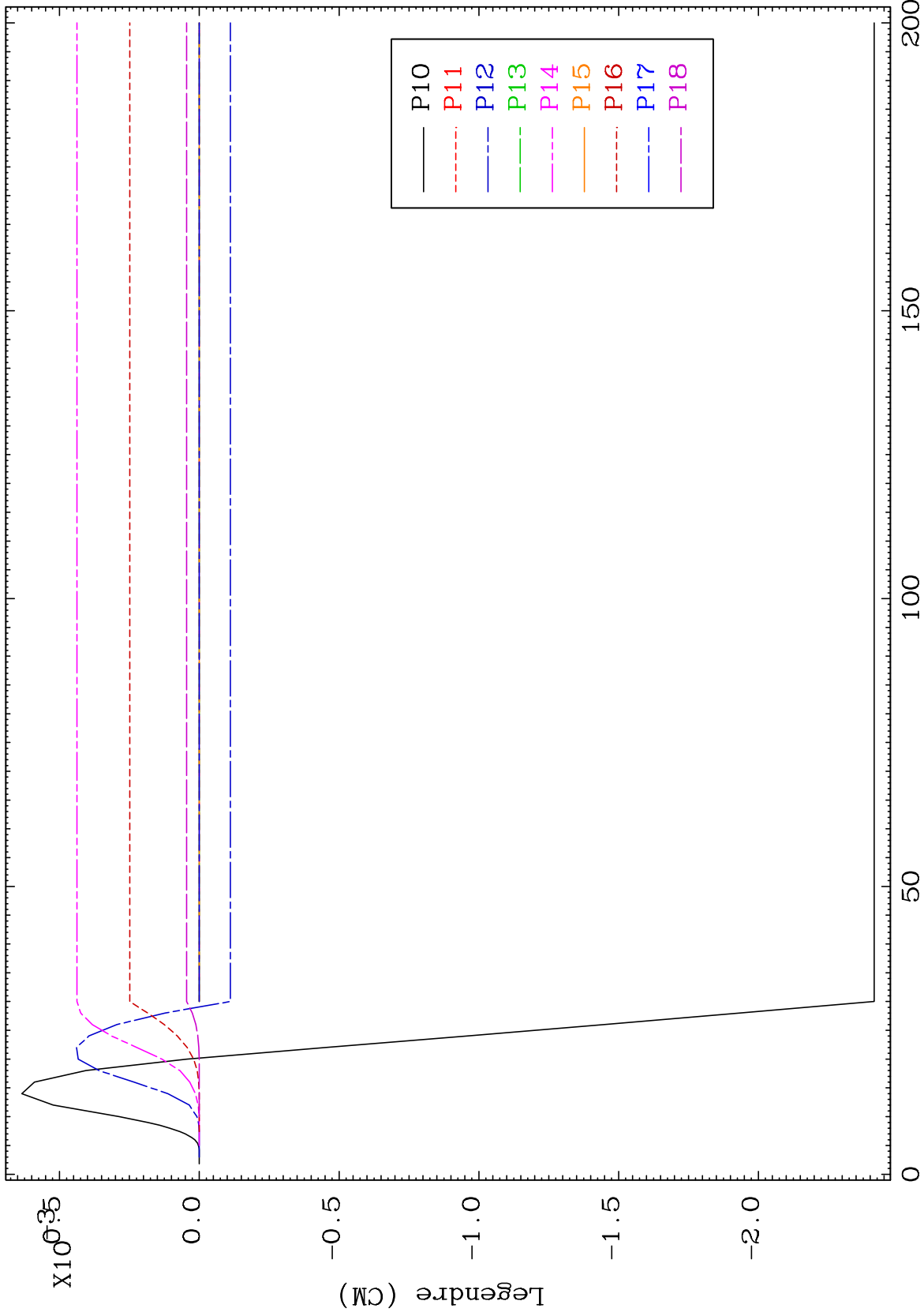




MAT 7268

1.009 MeV (n,n') Level
Legendre Coefficients

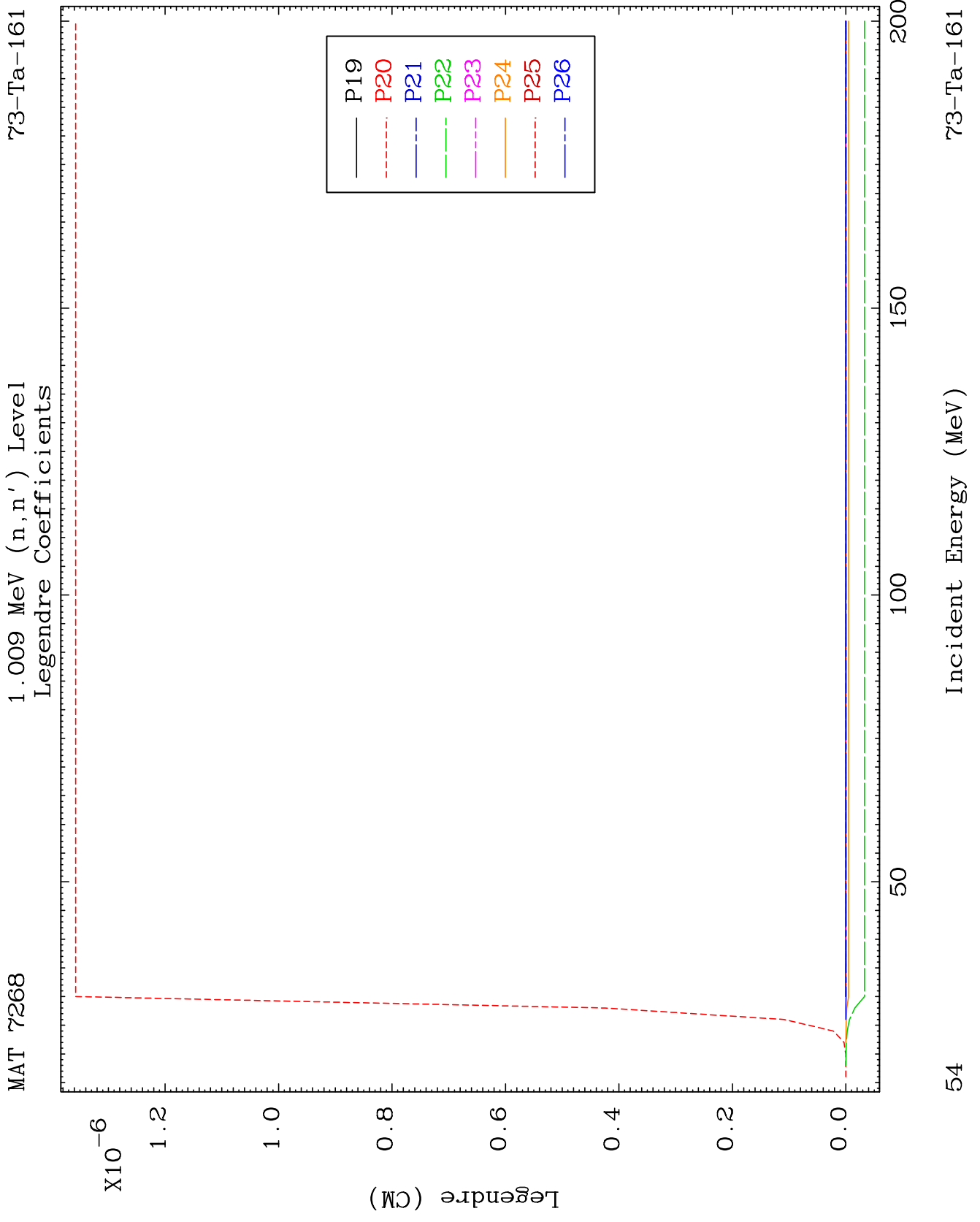
73-Ta-161



53

Incident Energy (MeV)

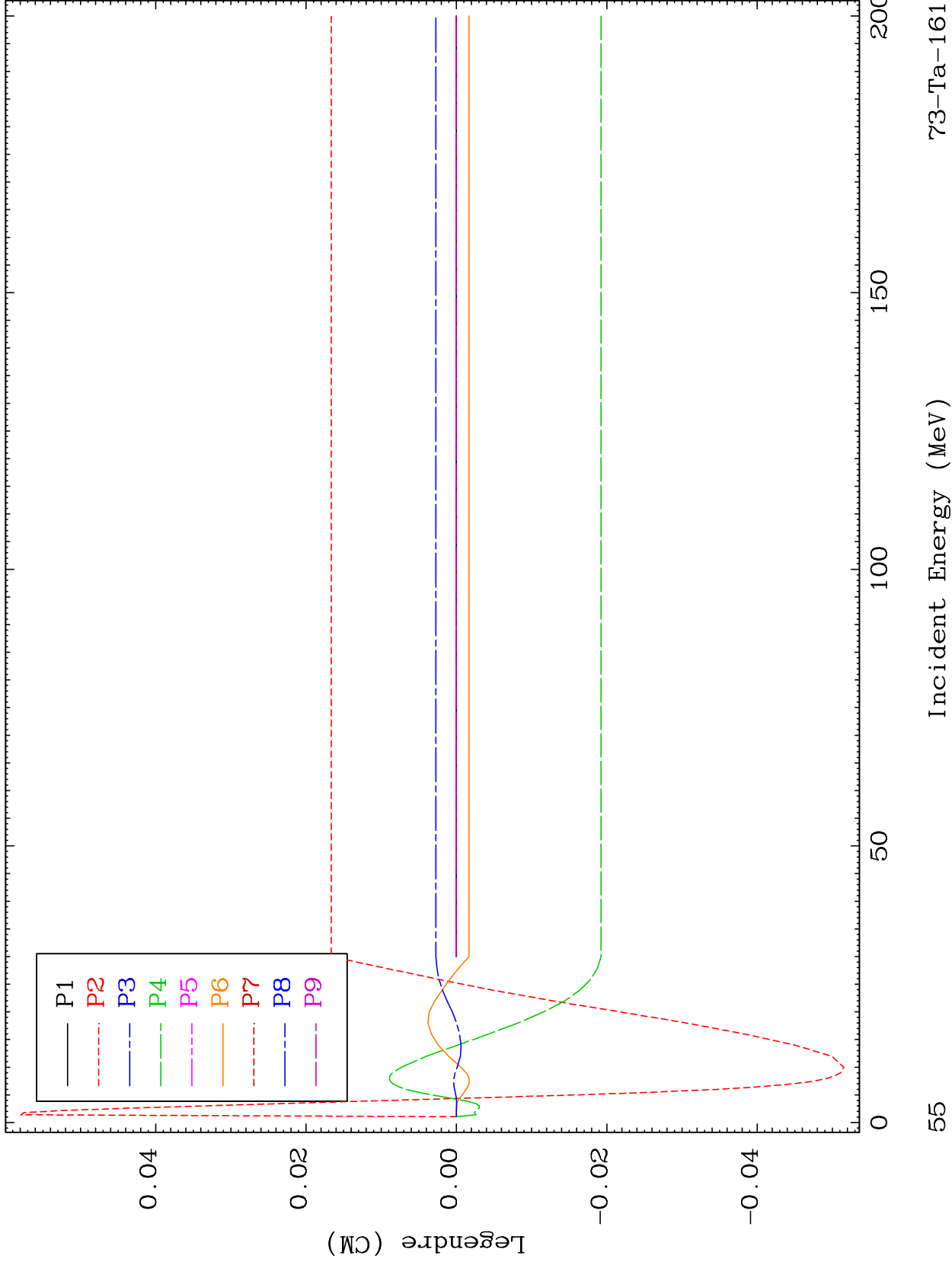
73-Ta-161



MAT 7268

1.044 MeV (n, n') Level
Legendre Coefficients

73-Ta-161



73-Ta-161

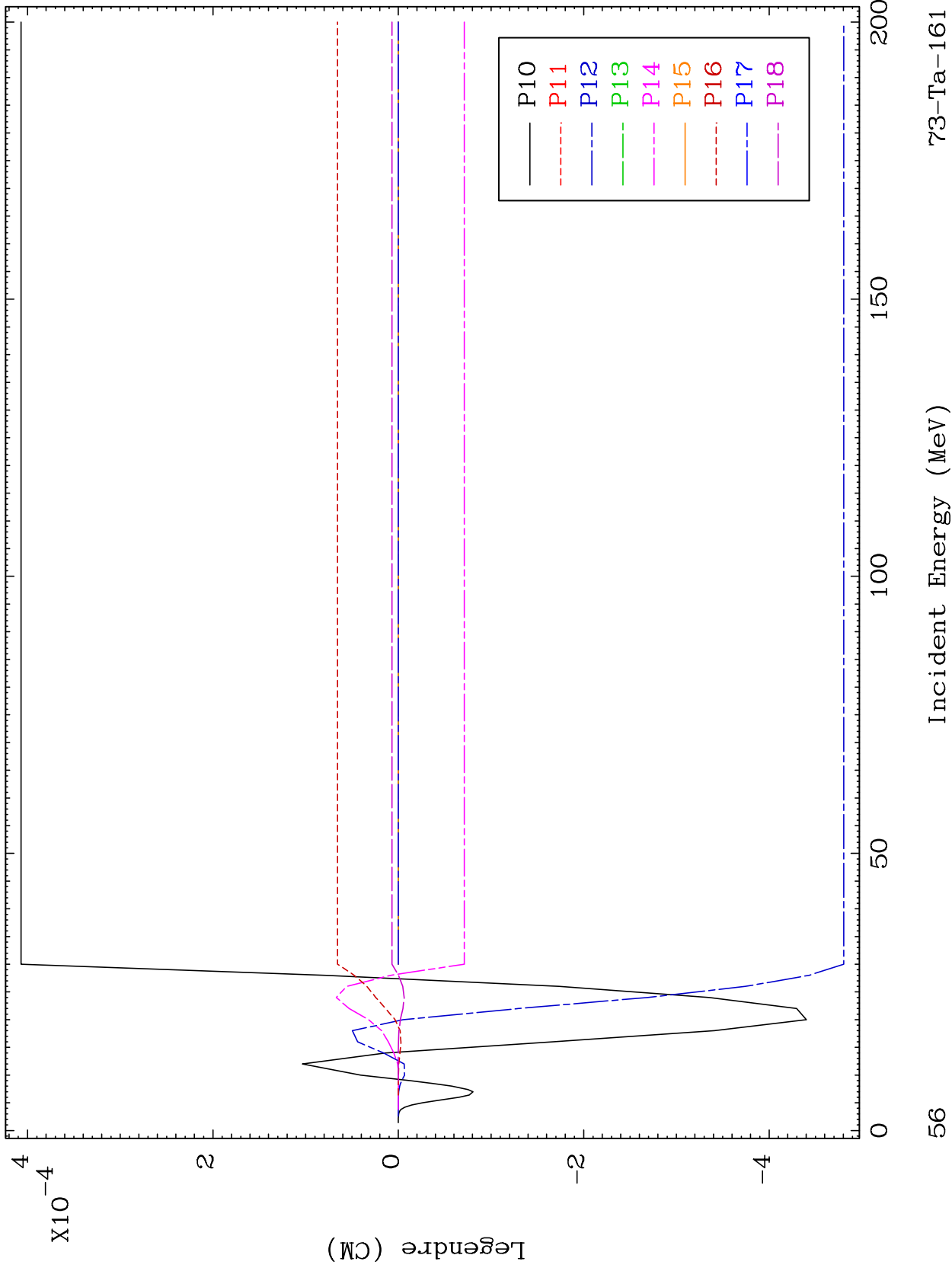
Incident Energy (MeV)

55

MAT 7268

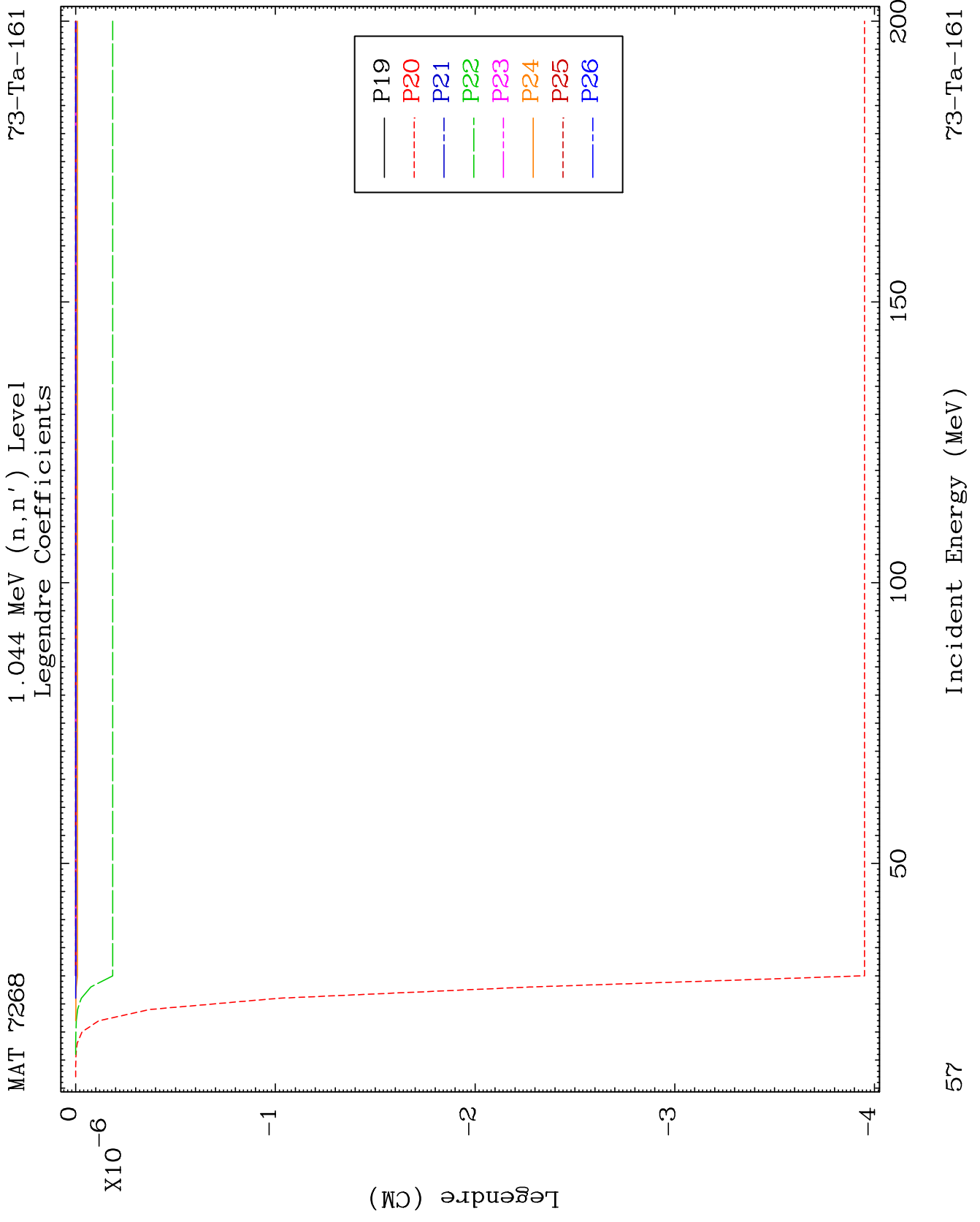
1.044 MeV (n, n') Level
Legendre Coefficients

73-Ta-161



56

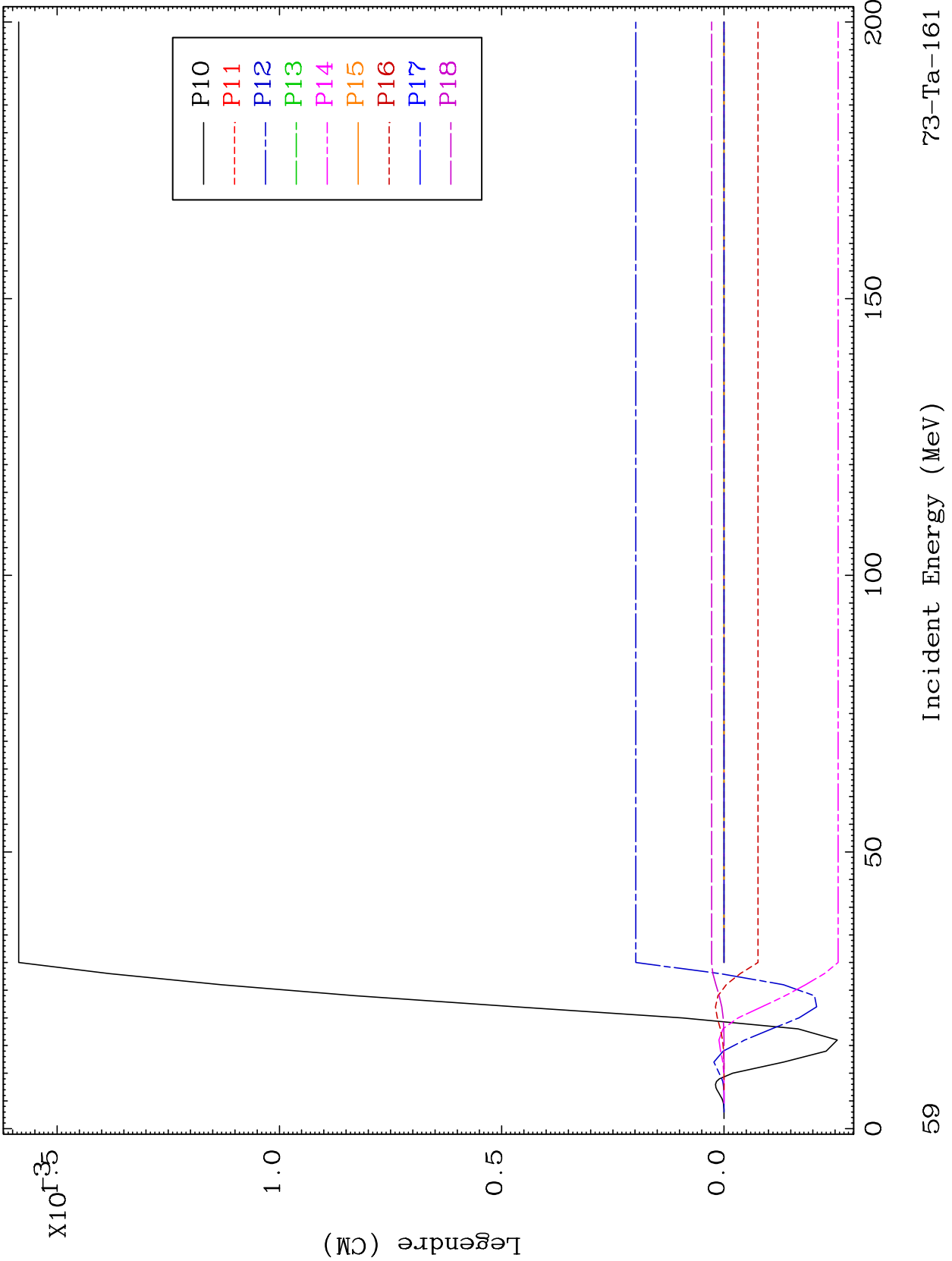
73-Ta-161



MAT 7268

1.078 MeV (n, n') Level
Legendre Coefficients

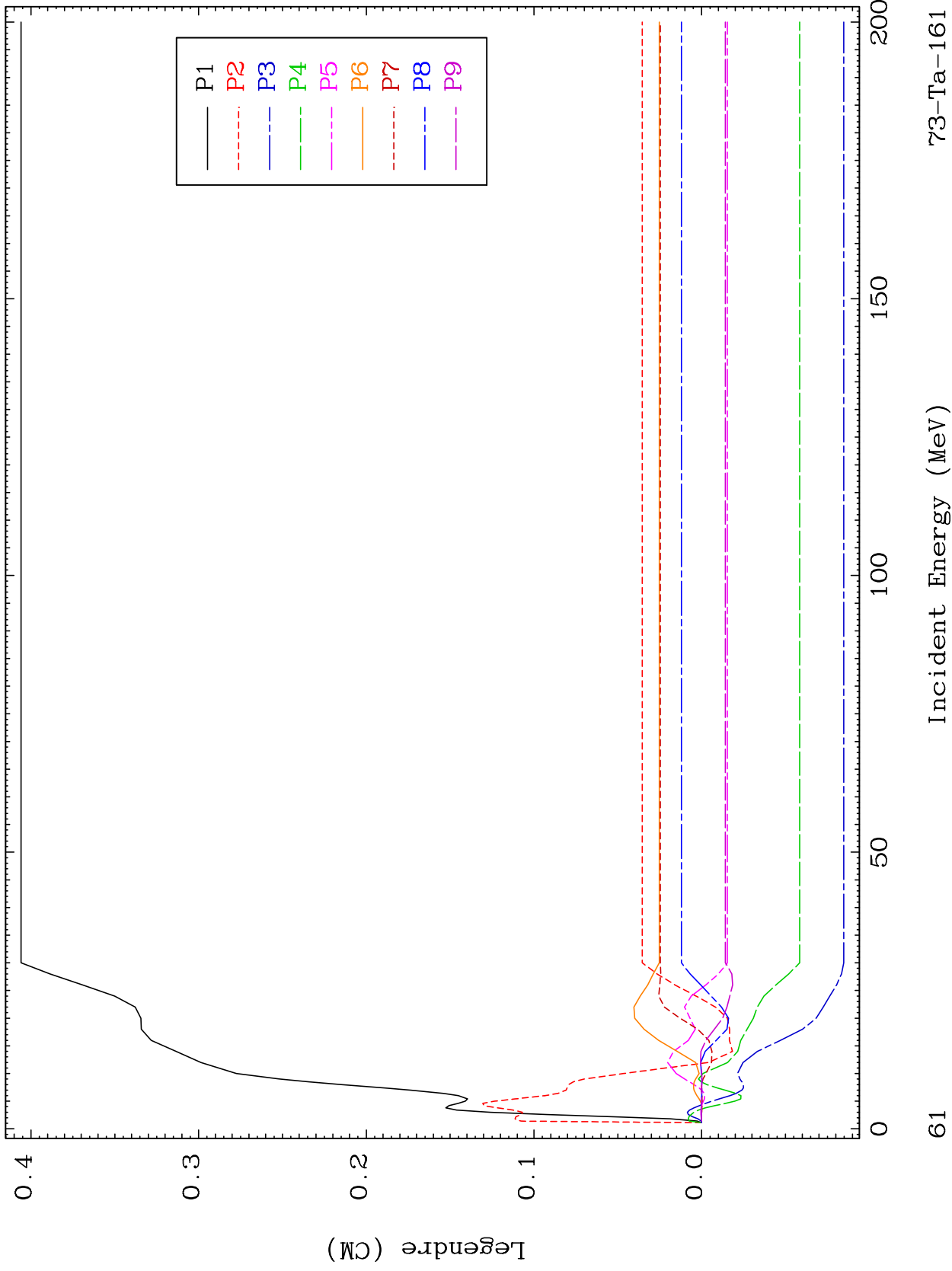
73-Ta-161



59

Incident Energy (MeV)

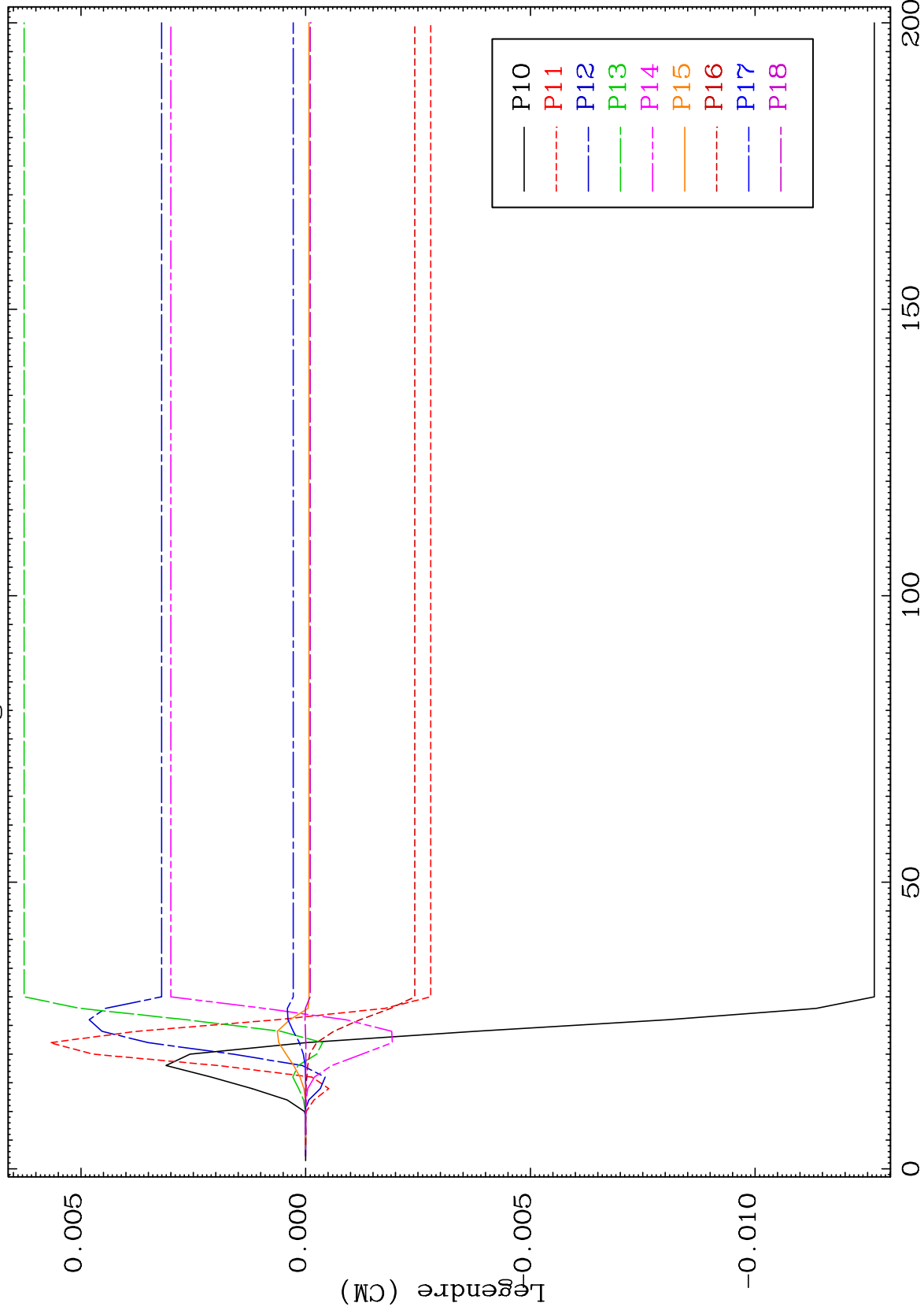
73-Ta-161



MAT 7268

1.099 MeV (n,n') Level
Legendre Coefficients

73-Ta-161



62

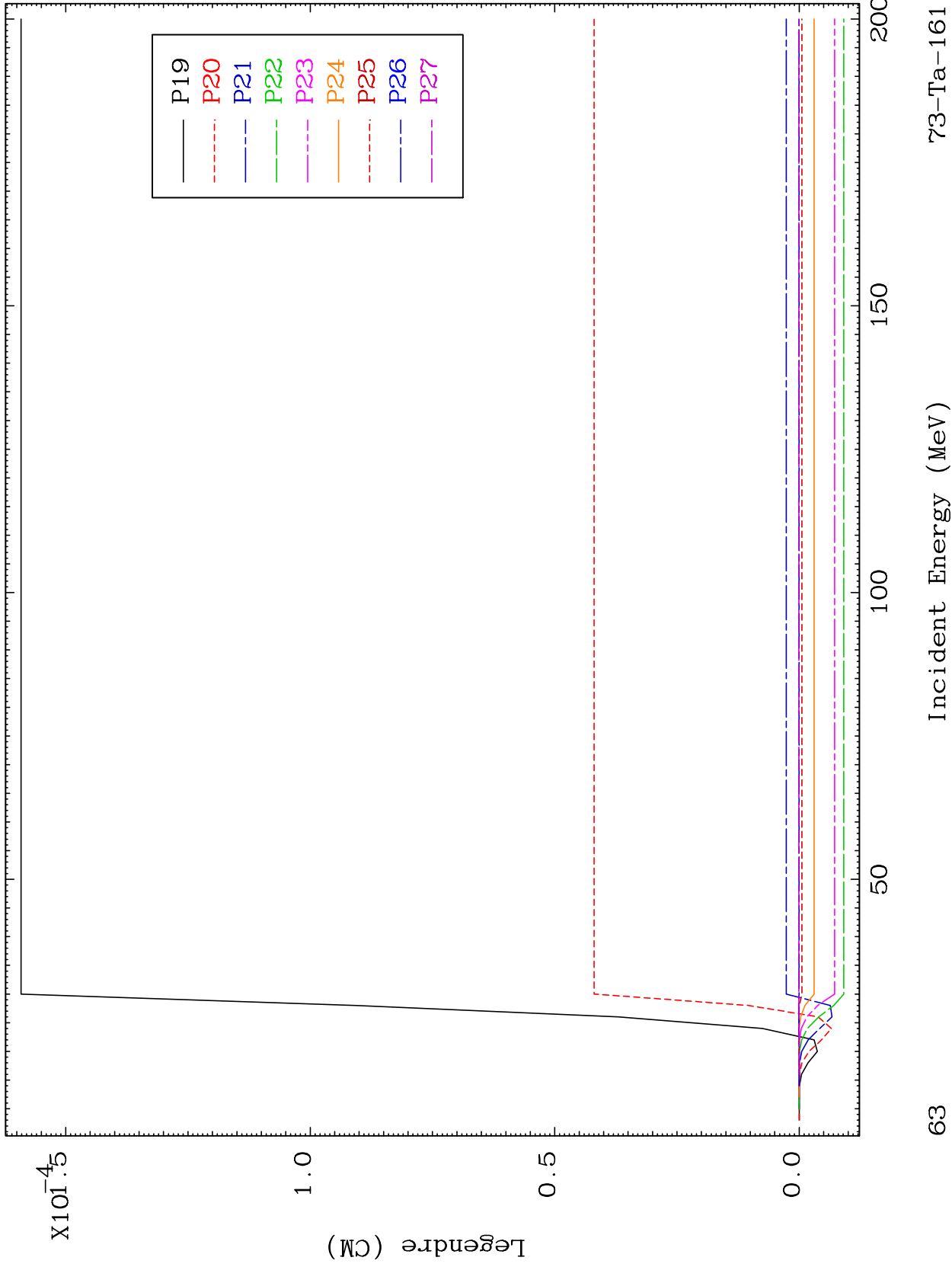
Incident Energy (MeV)

73-Ta-161

MAT 7268

1.099 MeV (n, n') Level
Legendre Coefficients

73-Ta-161



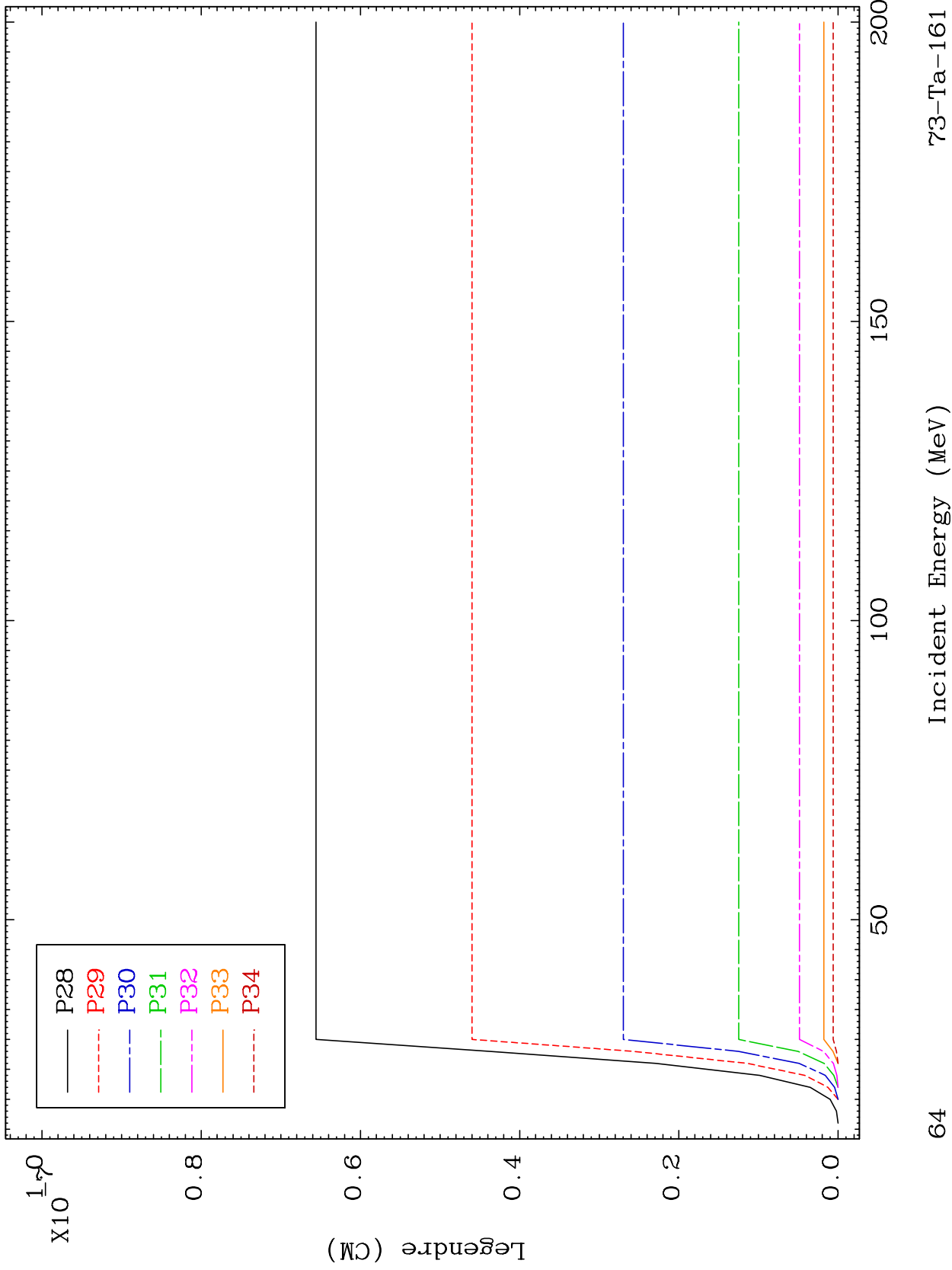
63

73-Ta-161

MAT 7268

1.099 MeV (n,n') Level
Legendre Coefficients

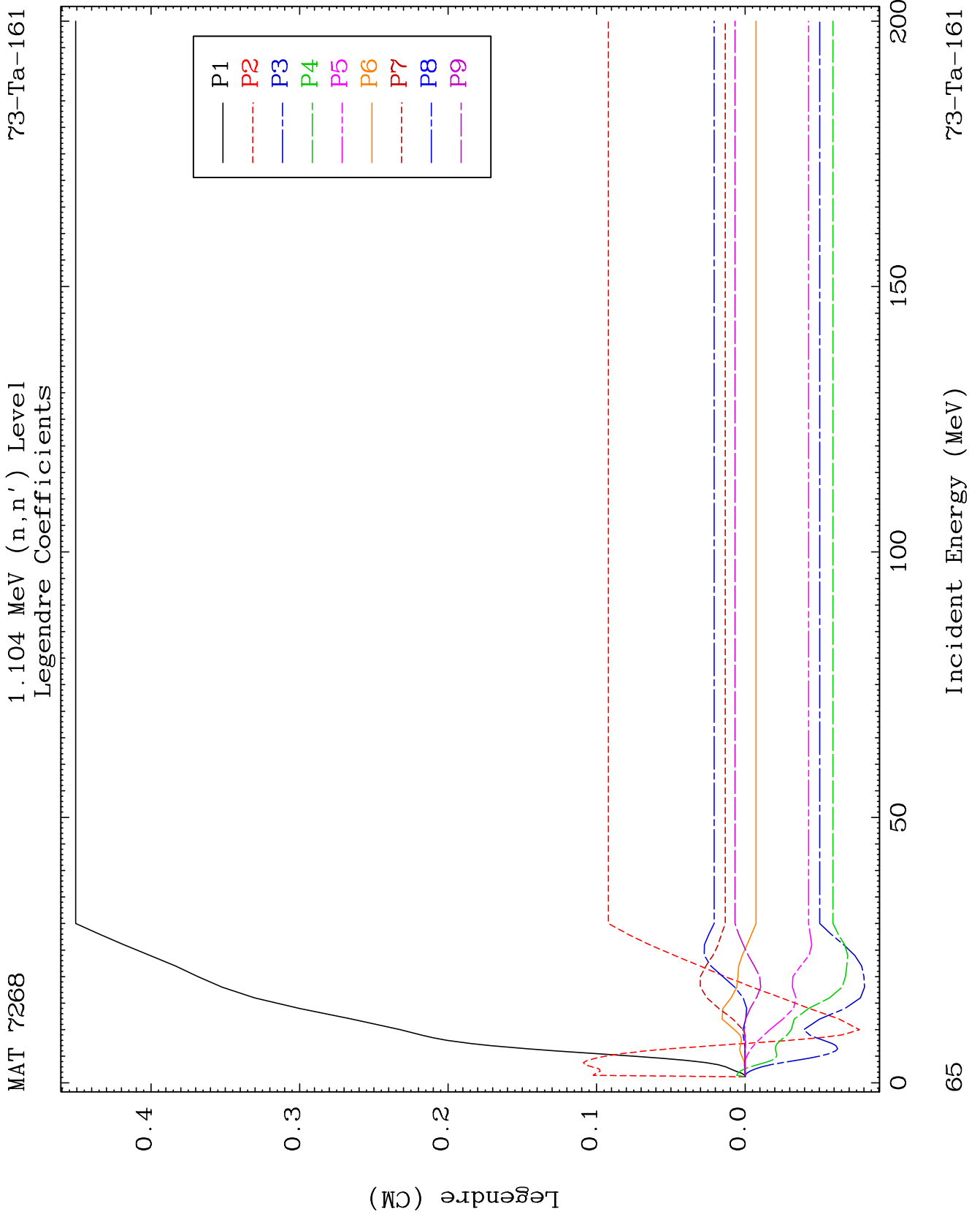
73-Ta-161

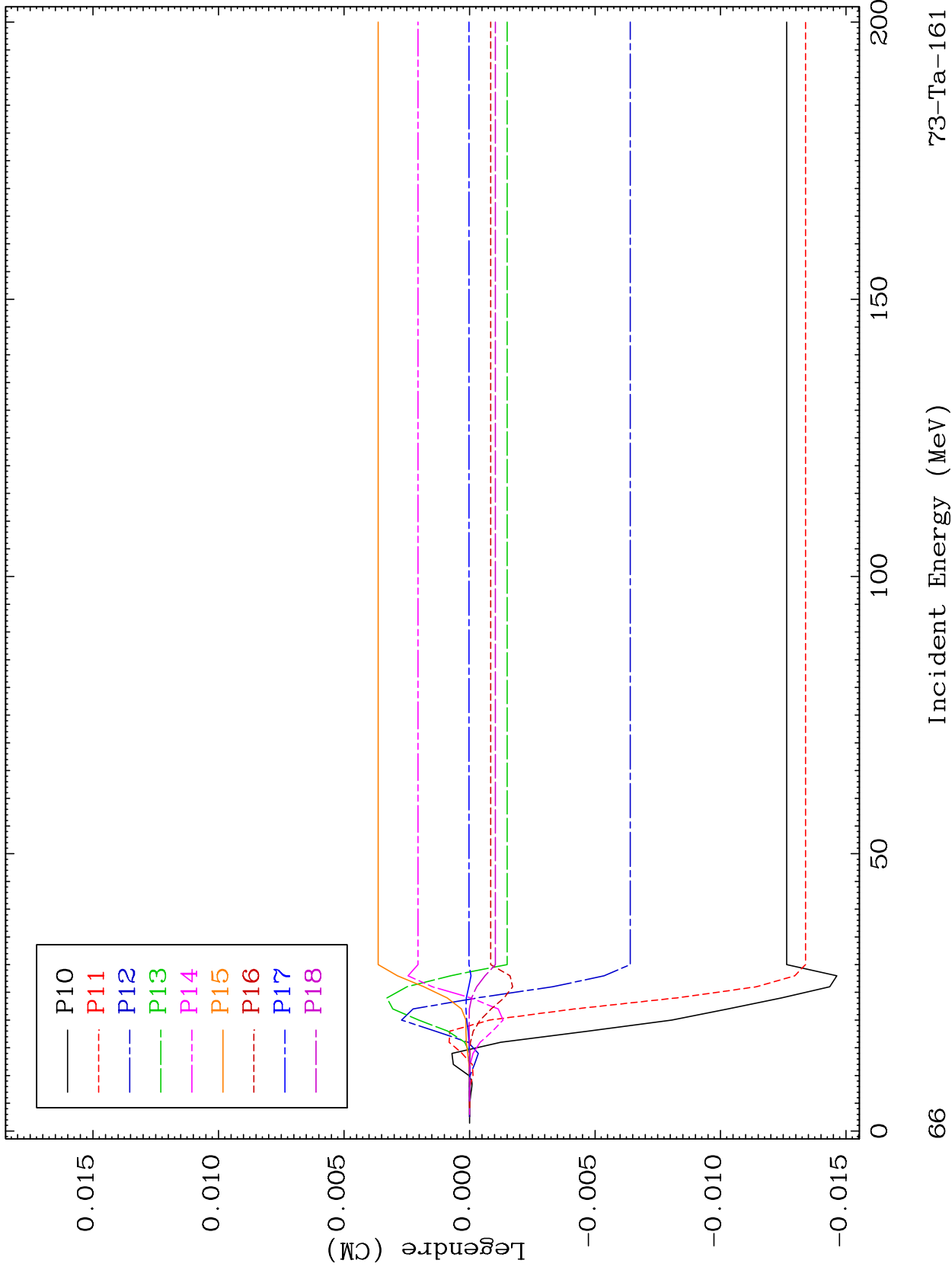


64

Incident Energy (MeV)

73-Ta-161

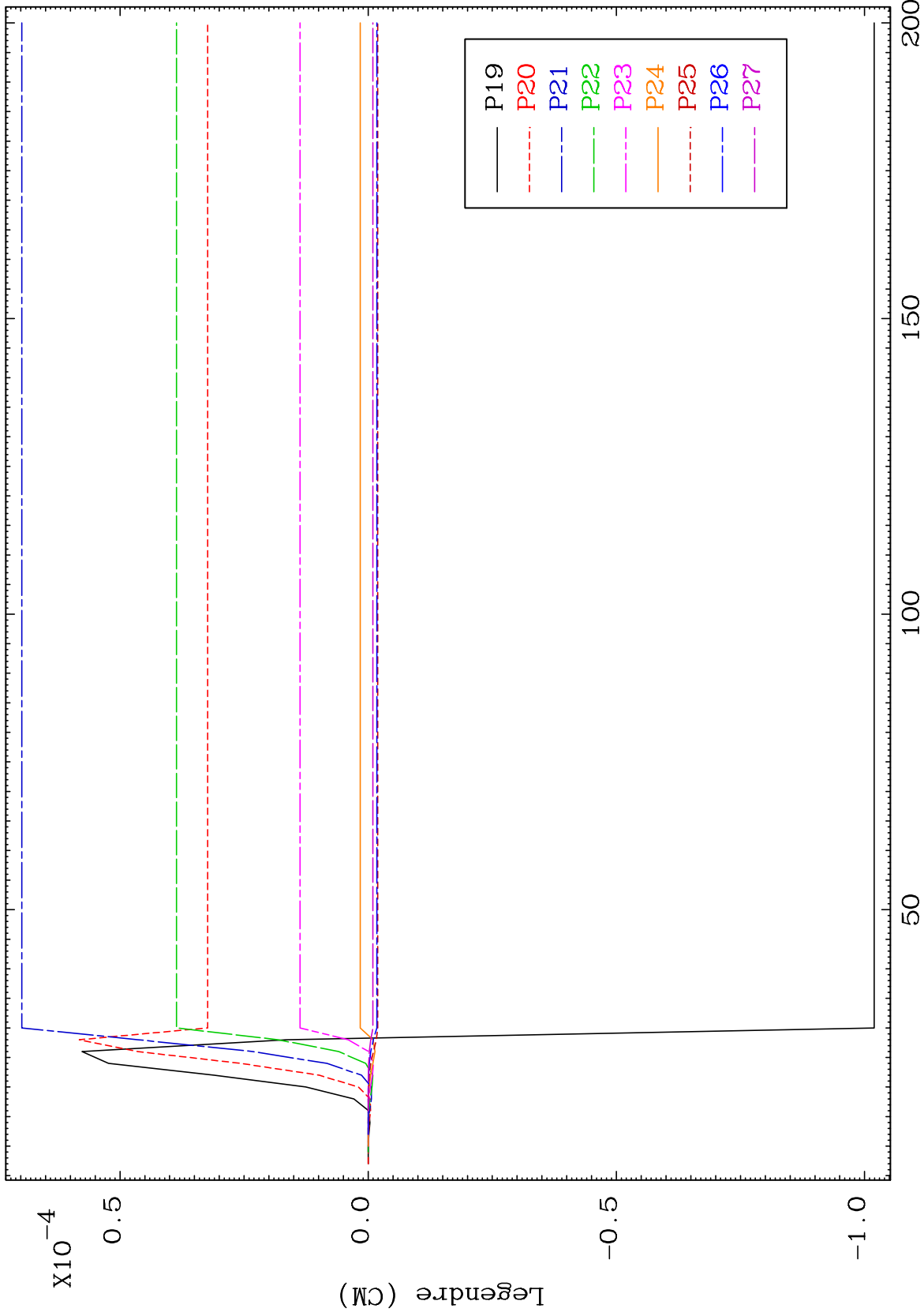




MAT 7268

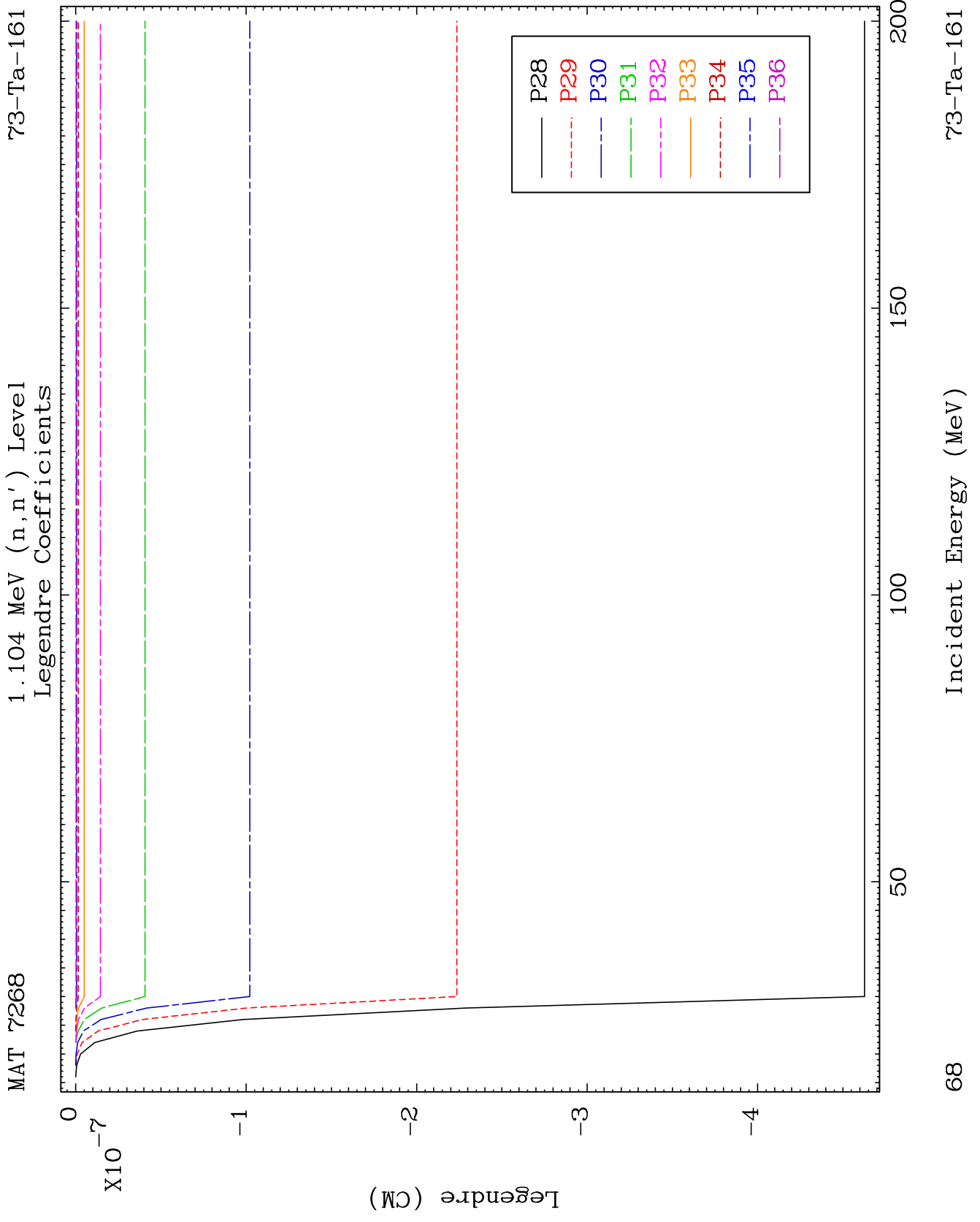
1.104 MeV (n,n') Level
Legendre Coefficients

73-Ta-161



67

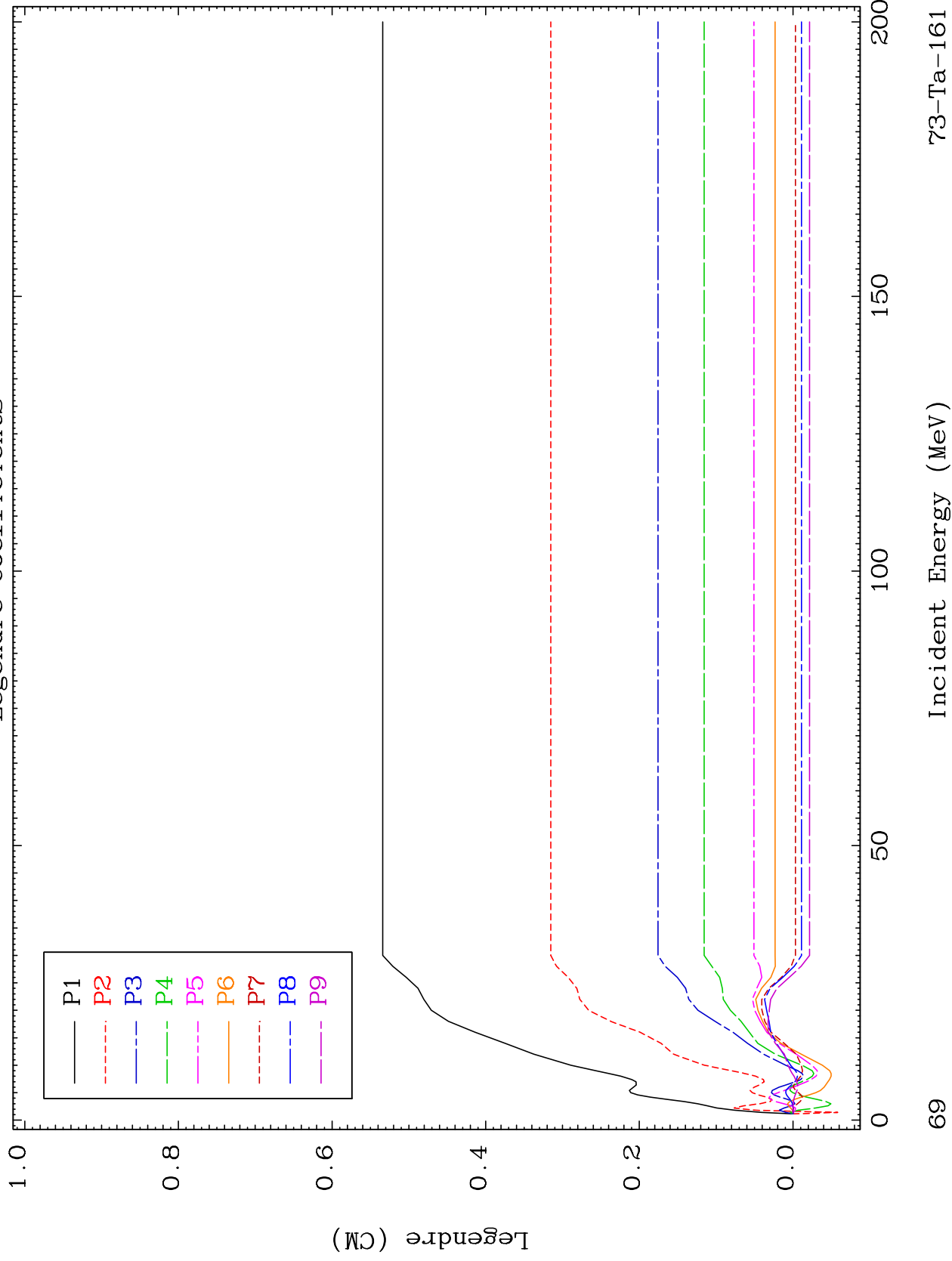
73-Ta-161



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1.129 MeV (n,n') Level
Legendre Coefficients

⁷³Ta-161



⁷³Ta-161

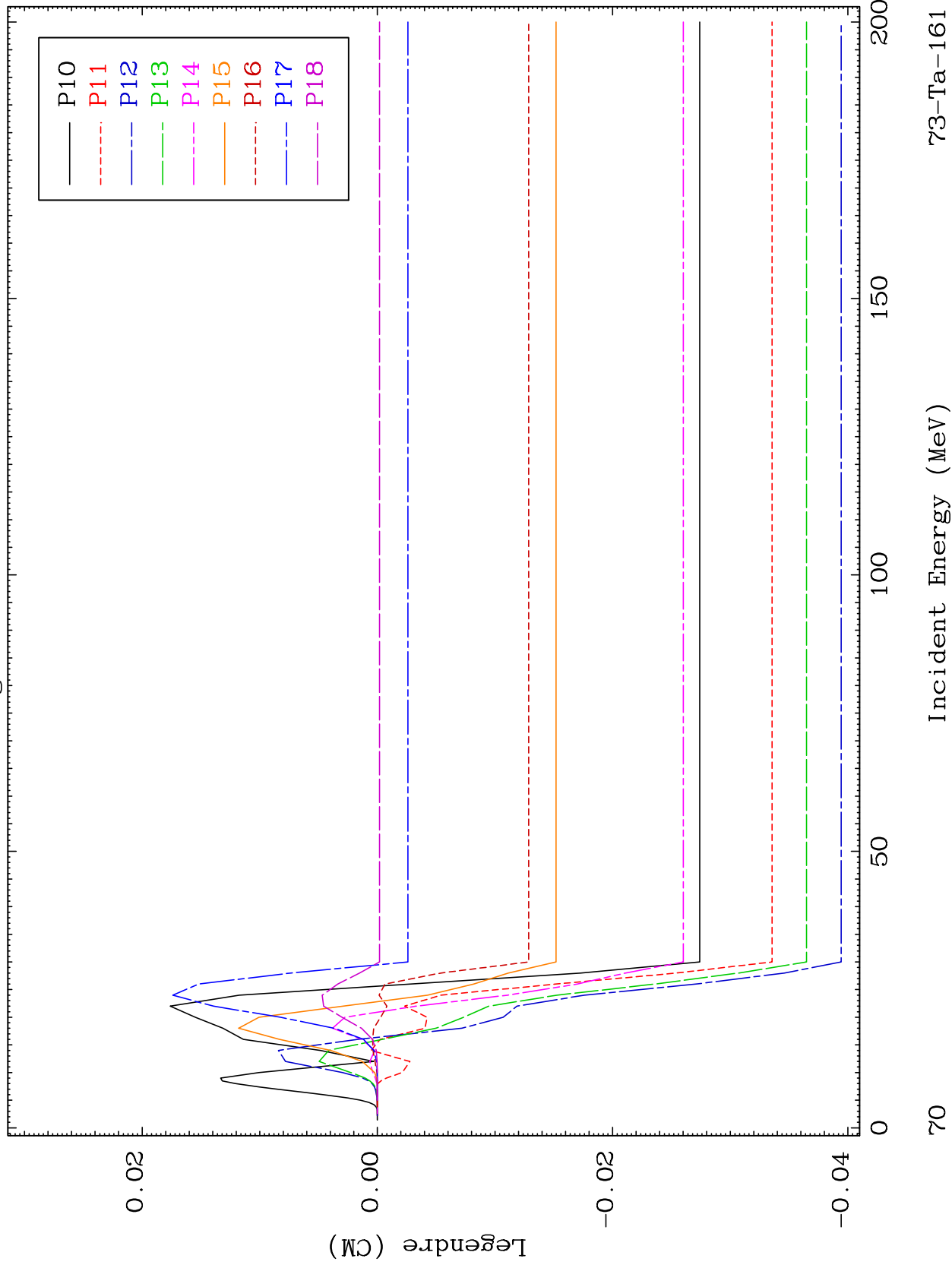
Incident Energy (MeV)

69

MAT 7268

1.129 MeV (n,n') Level
Legendre Coefficients

73-Ta-161



70

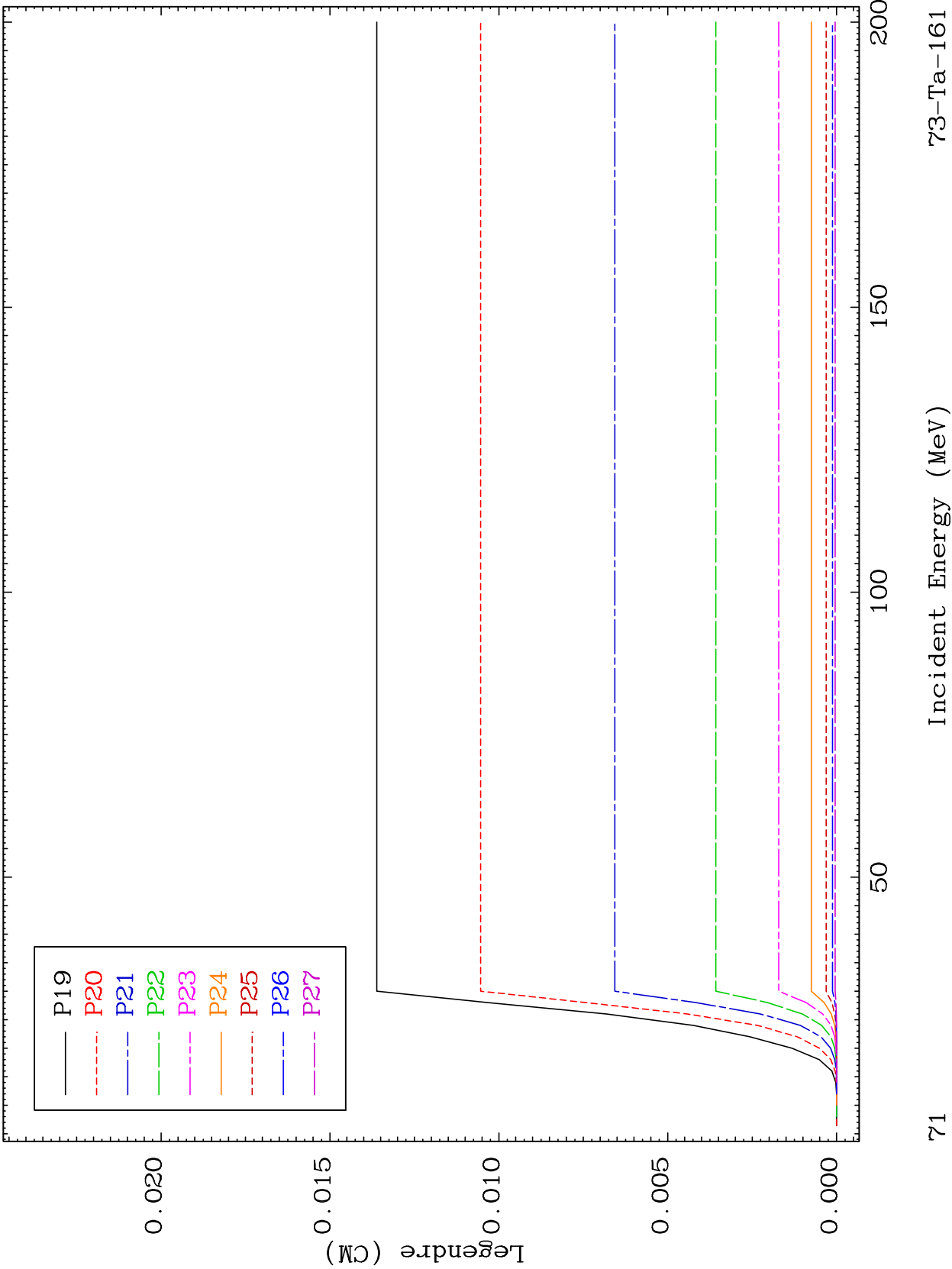
Incident Energy (MeV)

73-Ta-161

MAT 7268

1.129 MeV (n,n') Level Legendre Coefficients

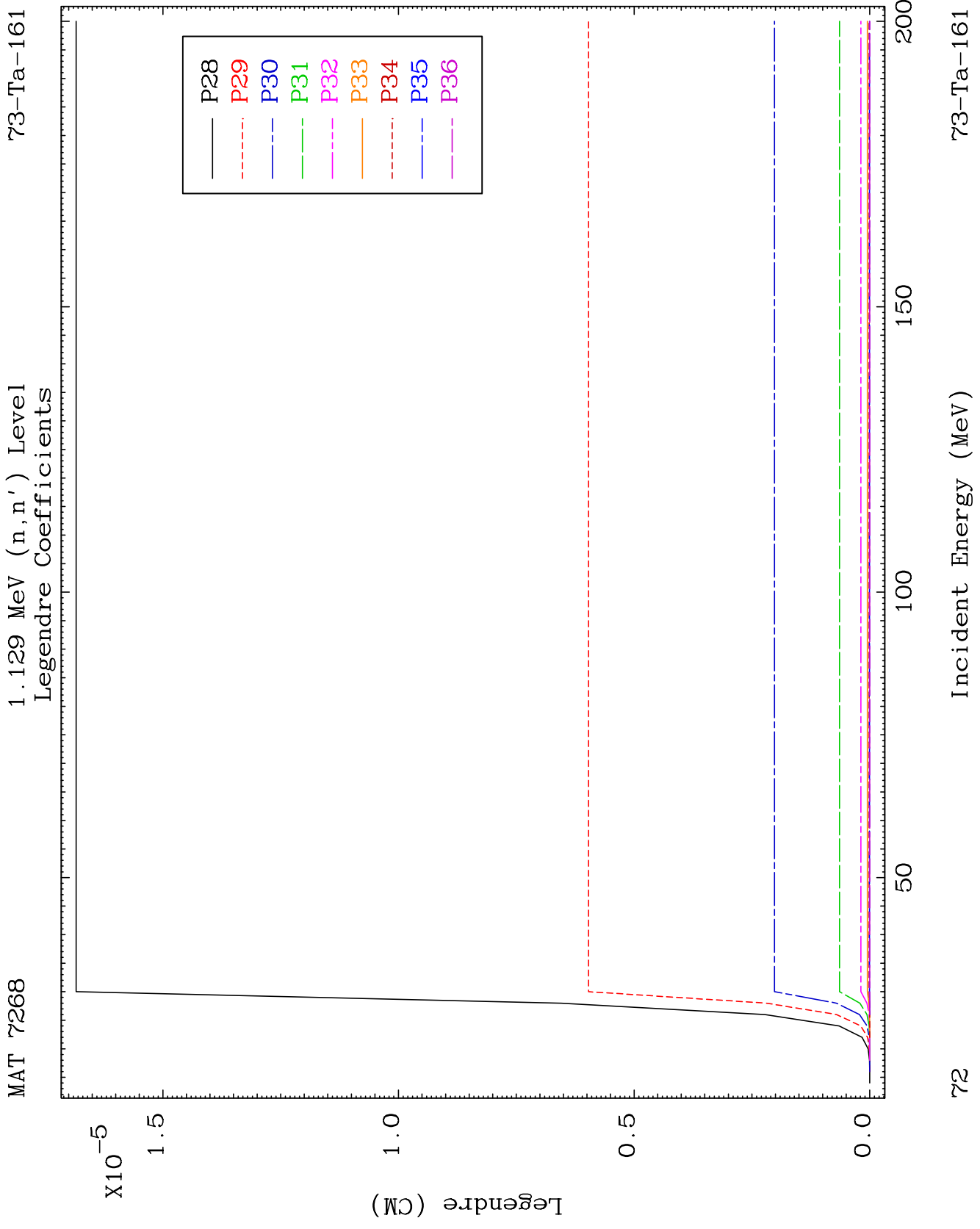
73-Ta-161

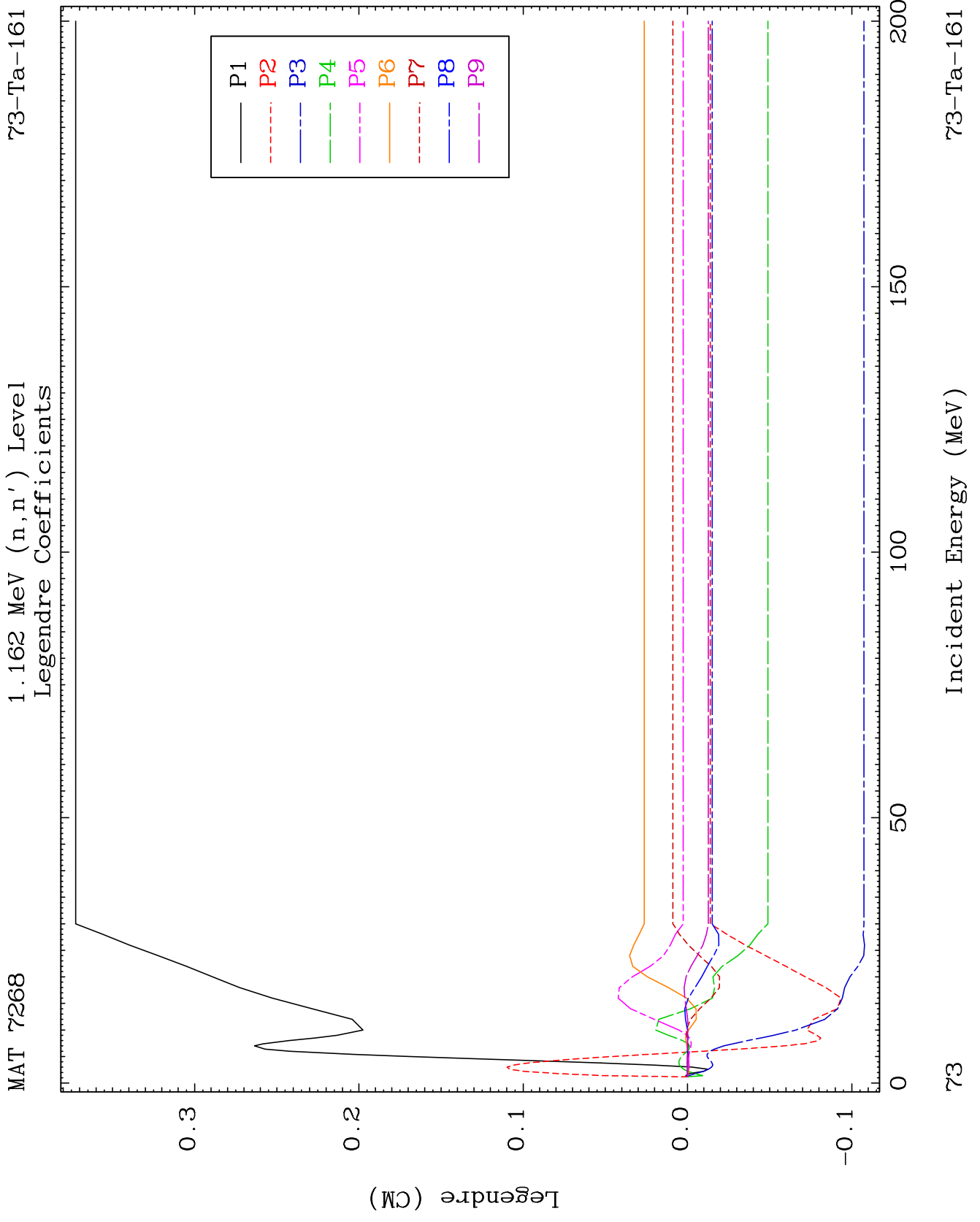


71

Incident Energy (MeV)

73-Ta-161

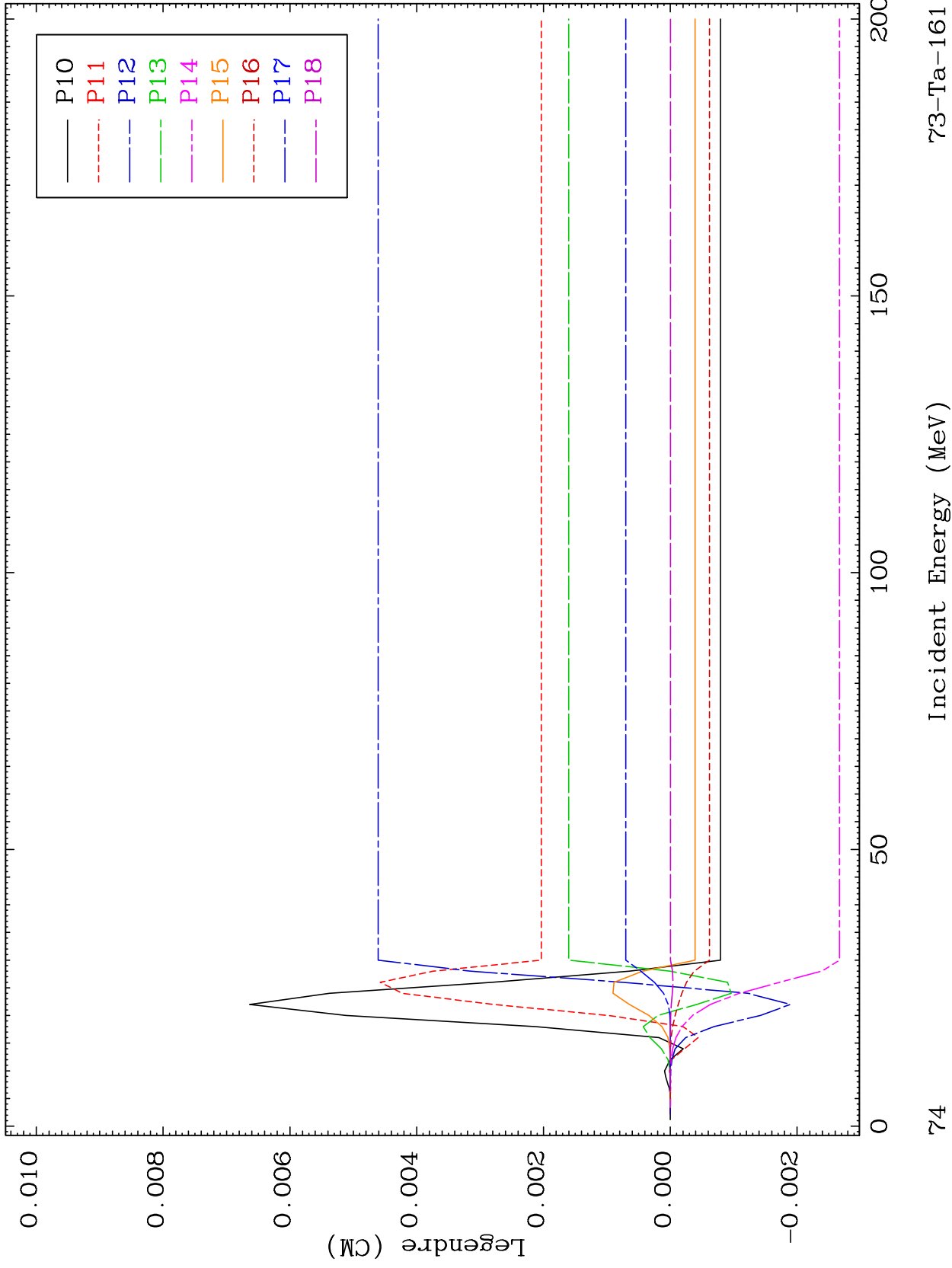




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1.162 MeV (n,n') Level
Legendre Coefficients

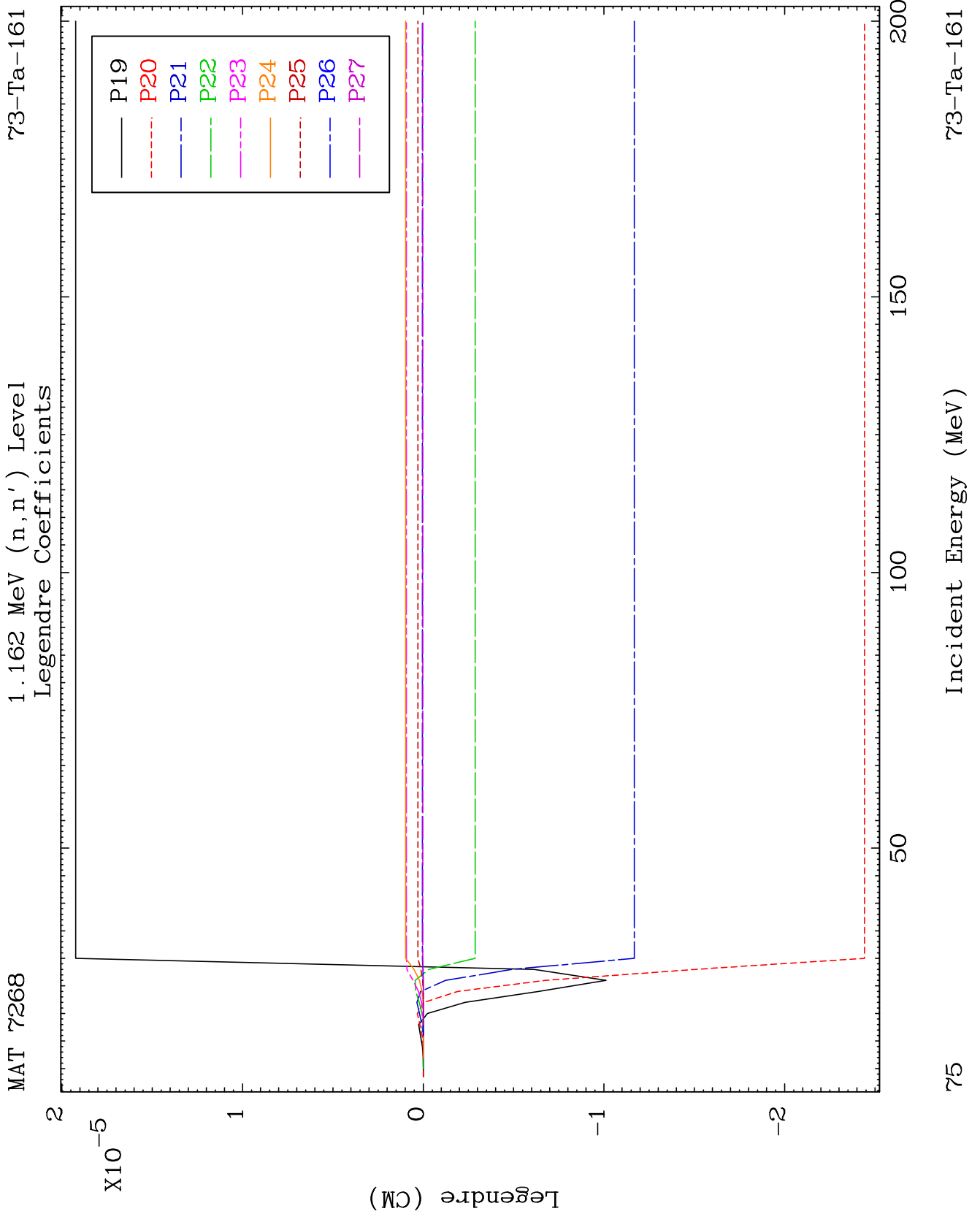
73-Ta-161

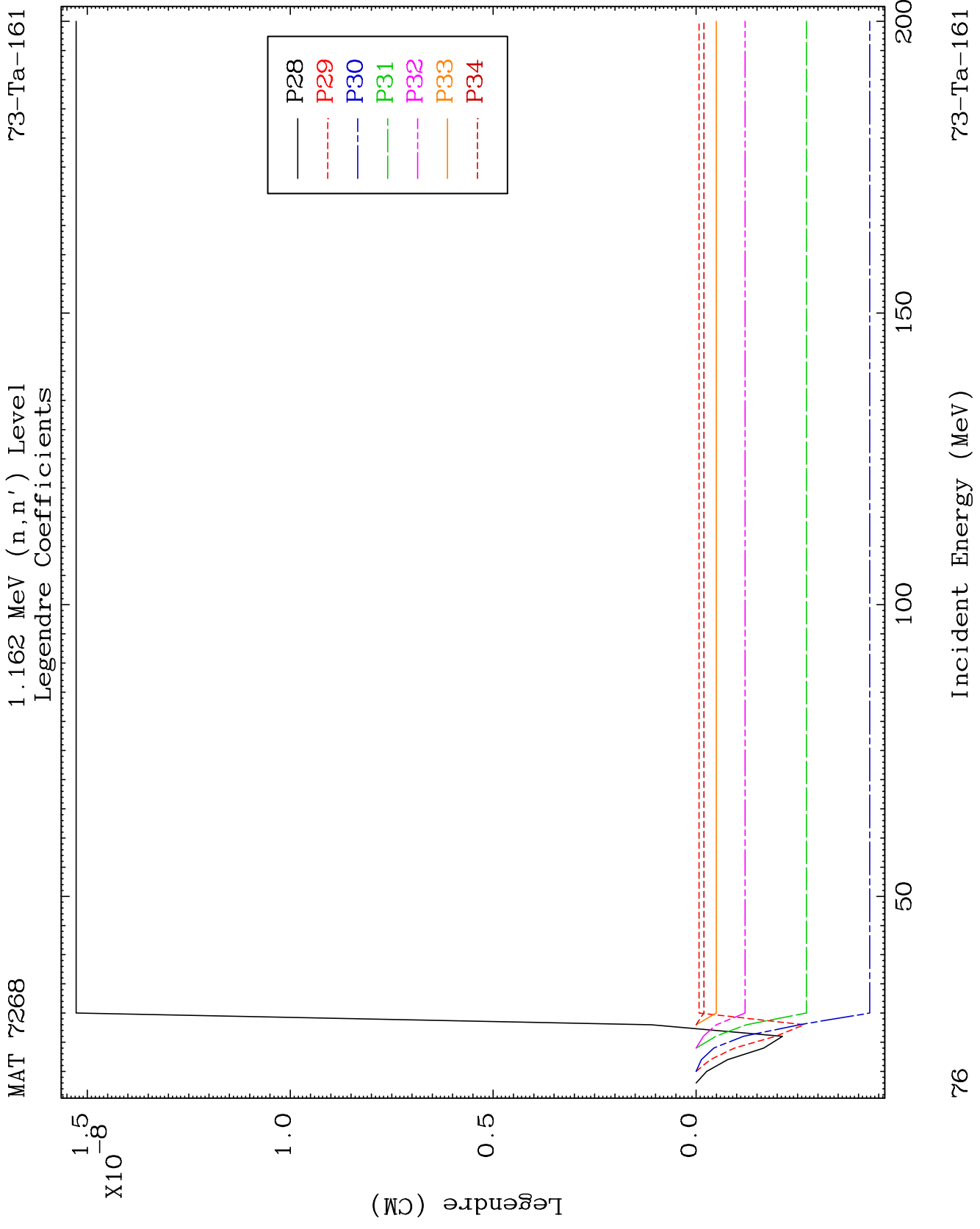


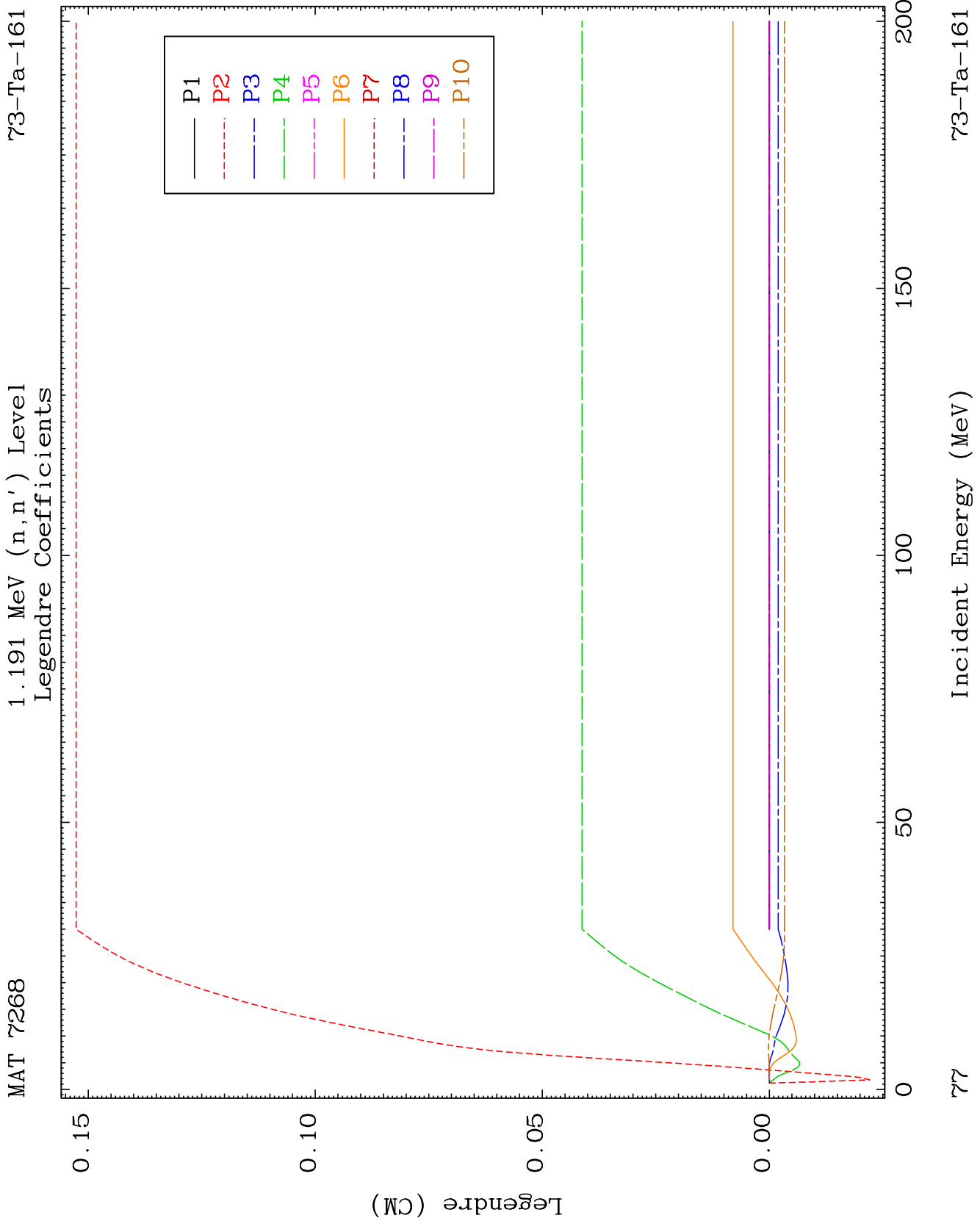
74

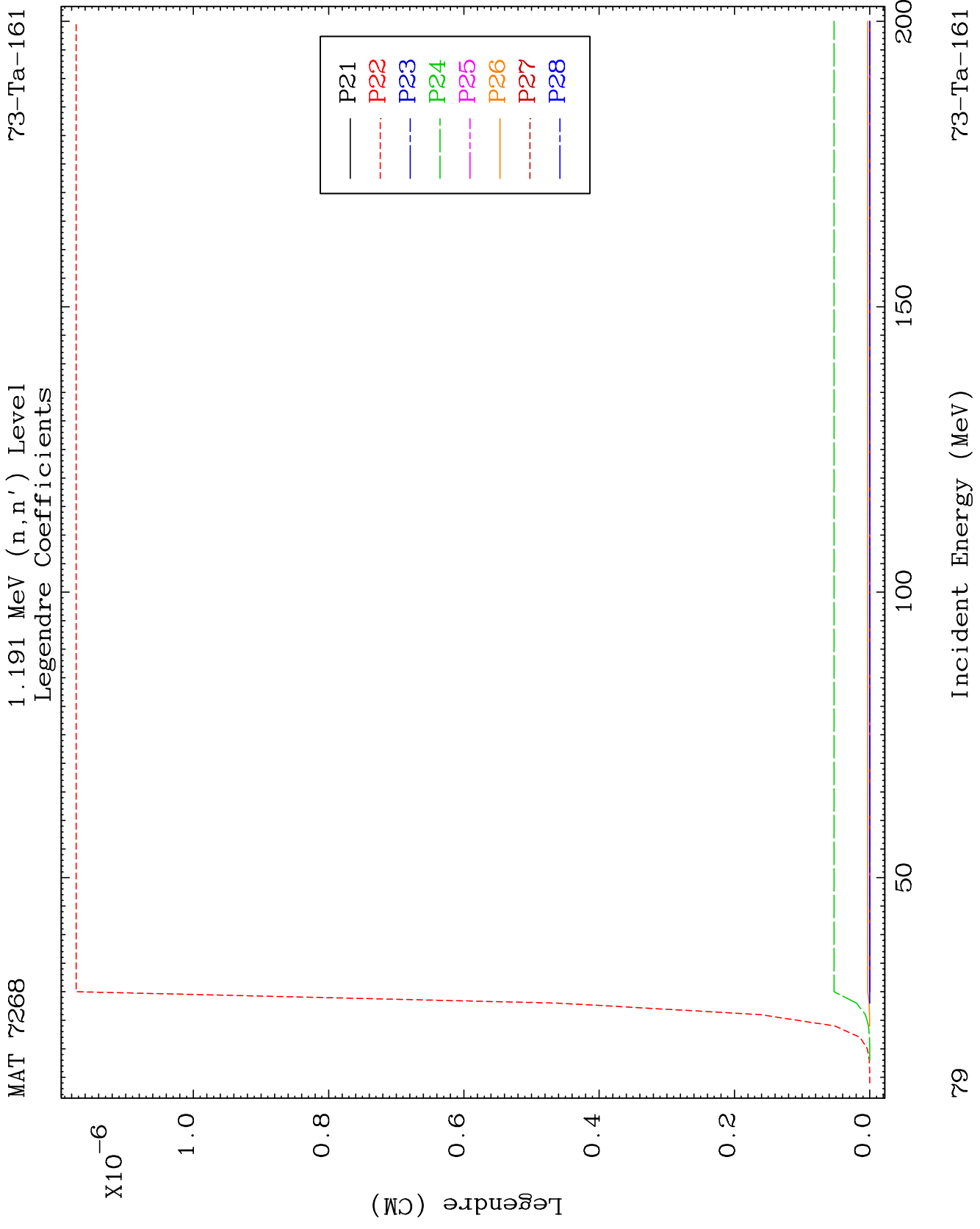
Incident Energy (MeV)

73-Ta-161





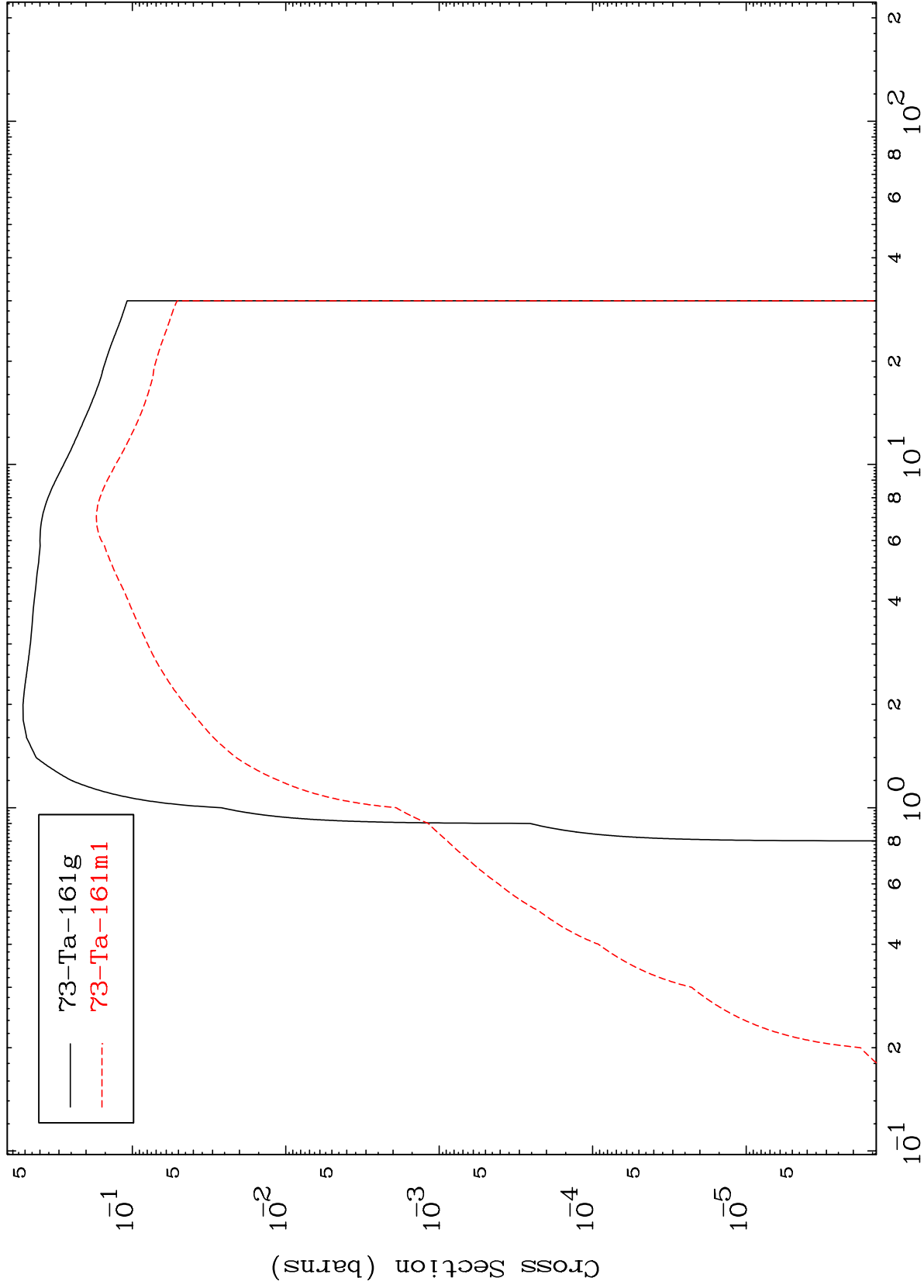




MAT 7268

⁷³Ta-161

Radionuclide Production Cross Section



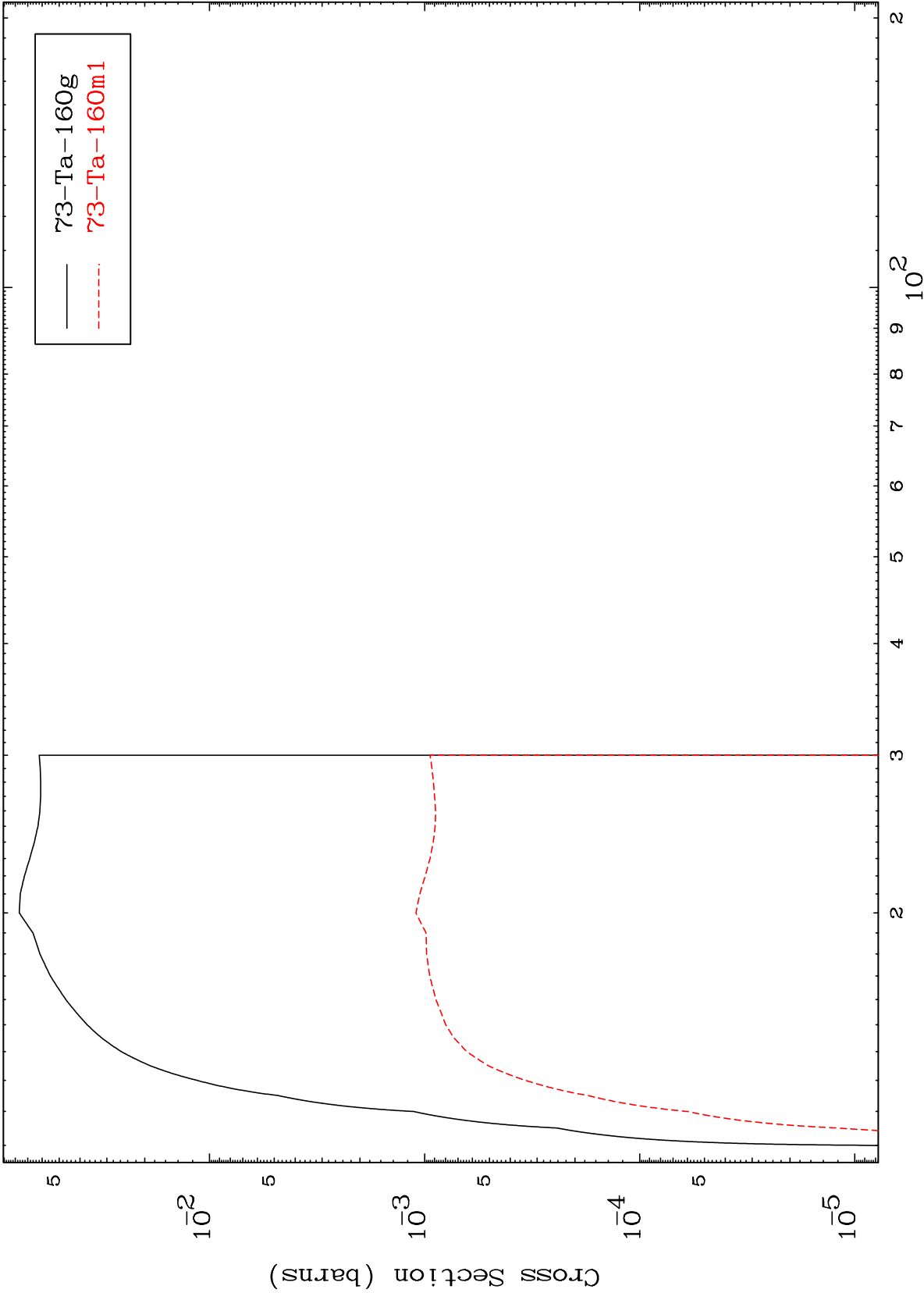
⁷³Ta-161

Incident Energy (MeV)

80

(n,2n)

Radionuclide Production Cross Section

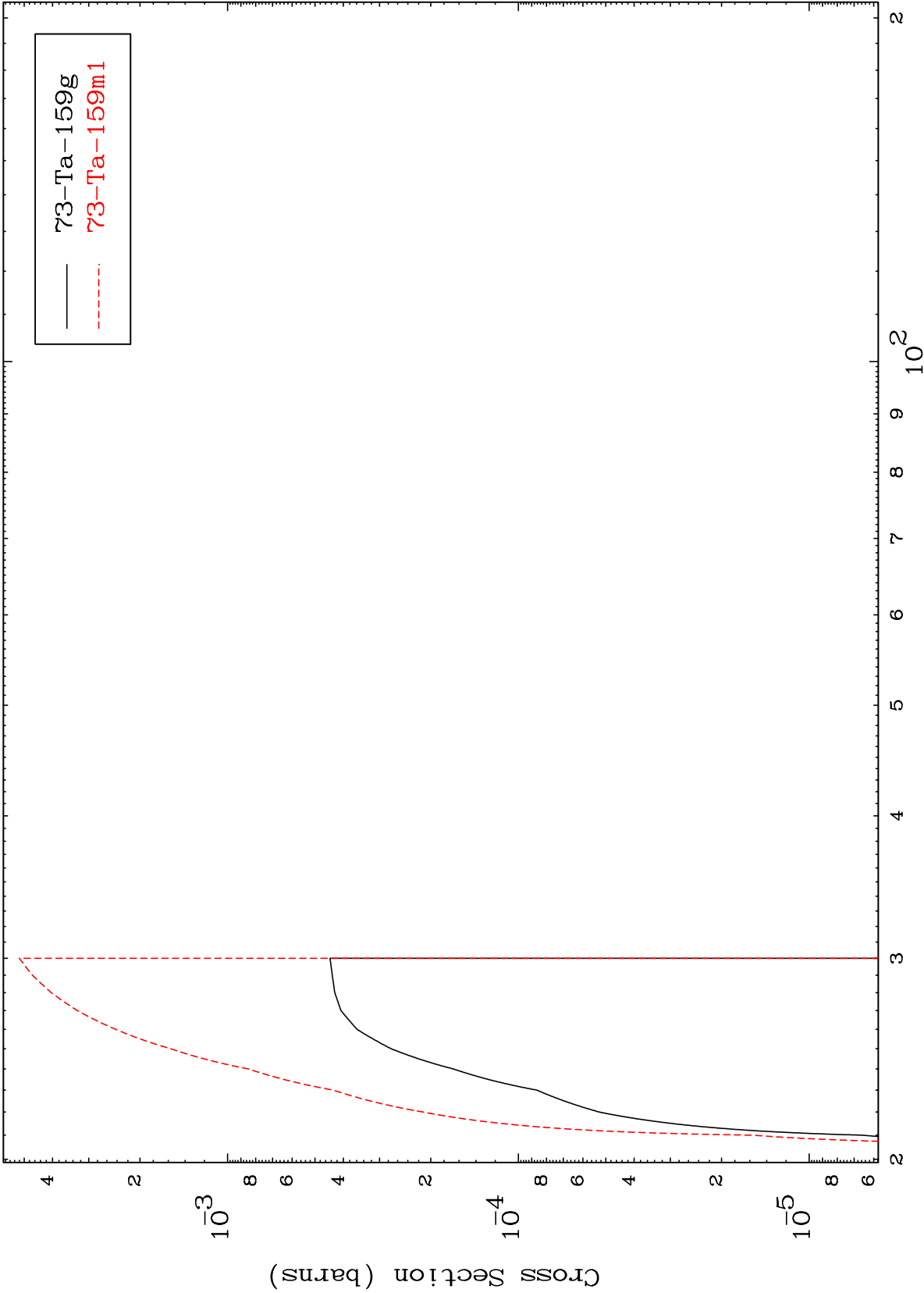


MAT 7268

(n,3n)

⁷³Ta-161

Radionuclide Production Cross Section



82

Incident Energy (MeV)

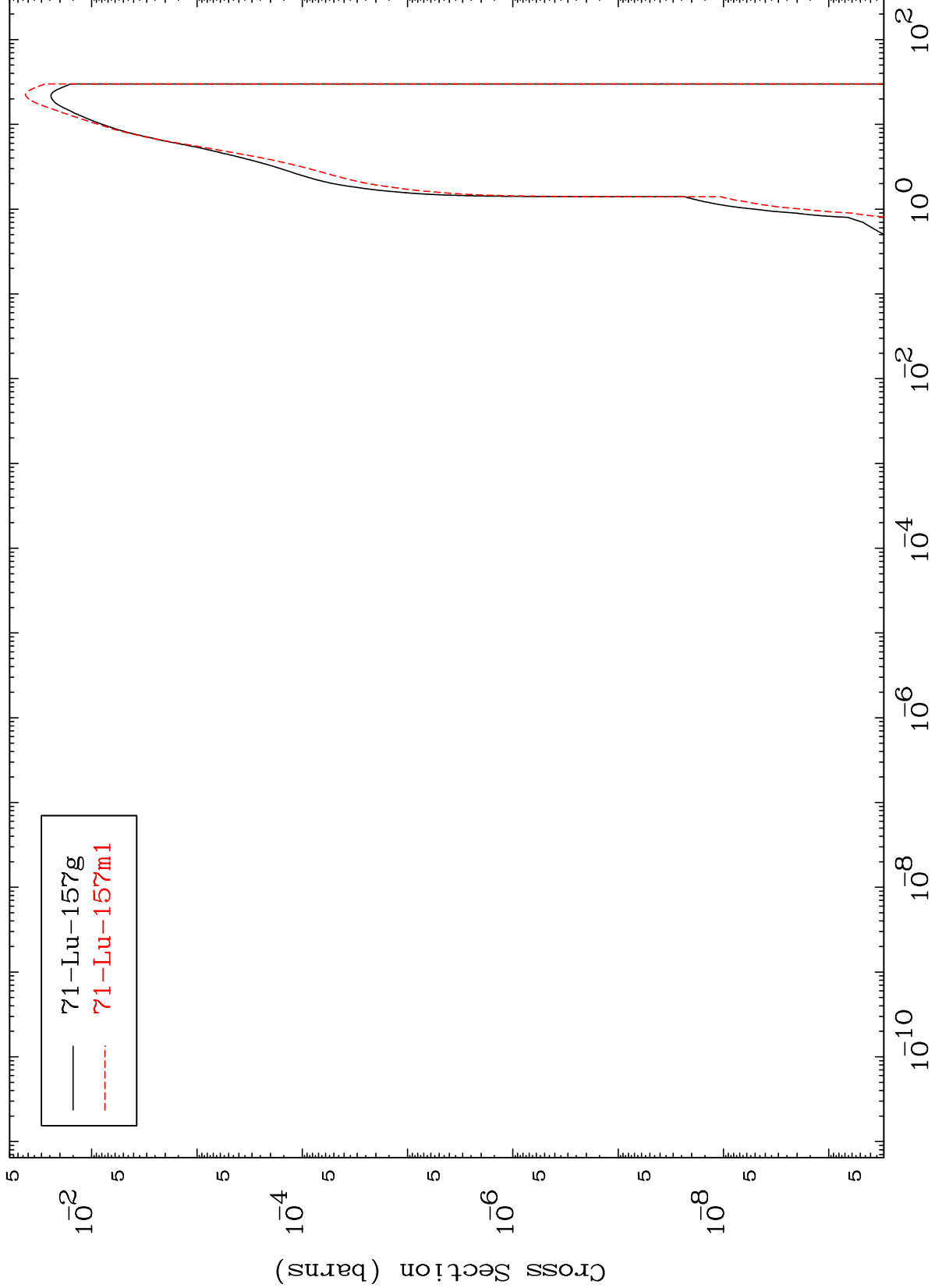
⁷³Ta-161

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(n, n') α

$^{73}\text{Ta-161}$

Radionuclide Production Cross Section

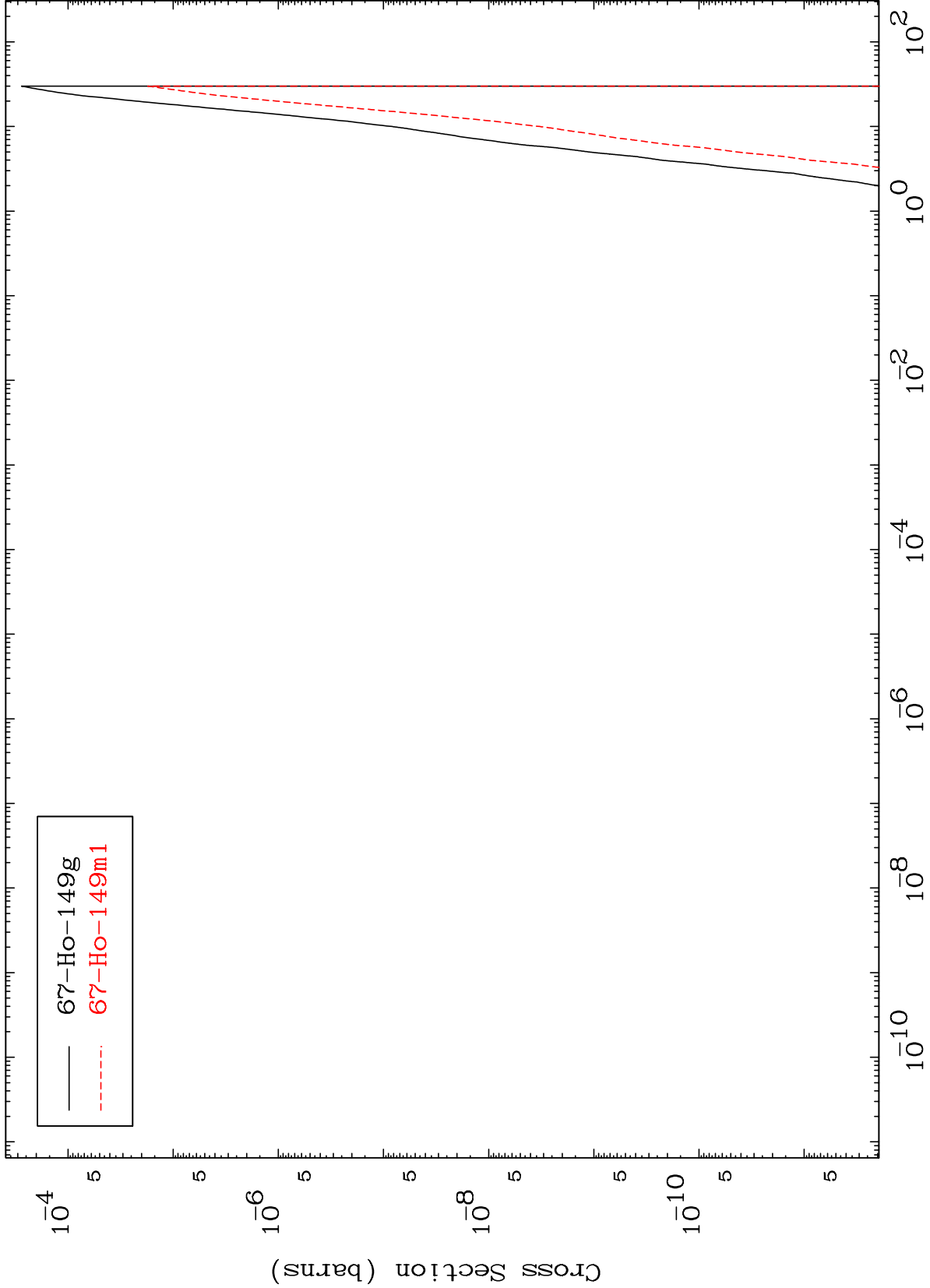


MAT 7268

(n,n') 3 α

73-Ta-161

Radionuclide Production Cross Section



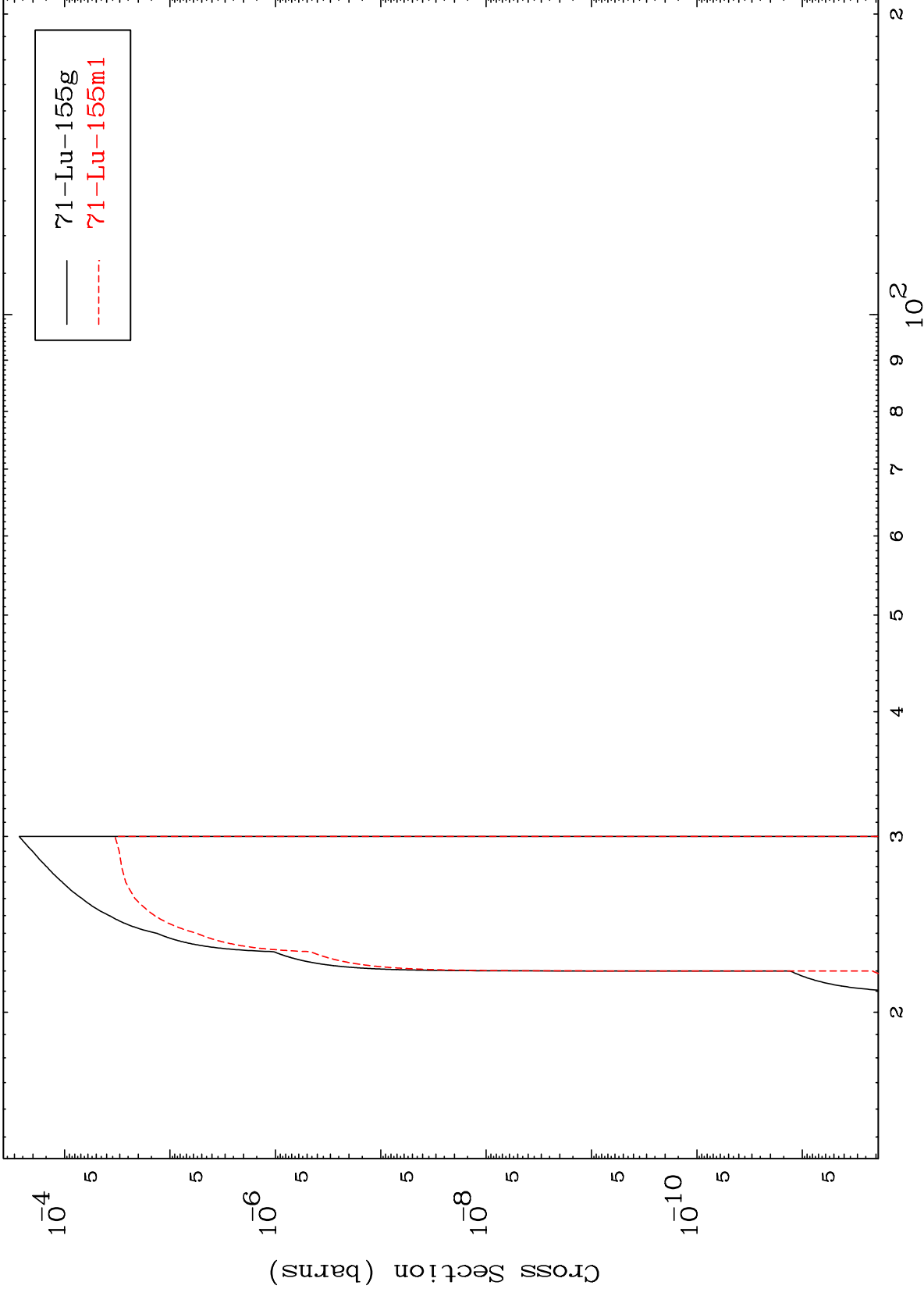
— 67-Ho-149g
- - - 67-Ho-149m1

MAT 7268

(n,3n) α

73-Ta-161

Radionuclide Production Cross Section



85

Incident Energy (MeV)

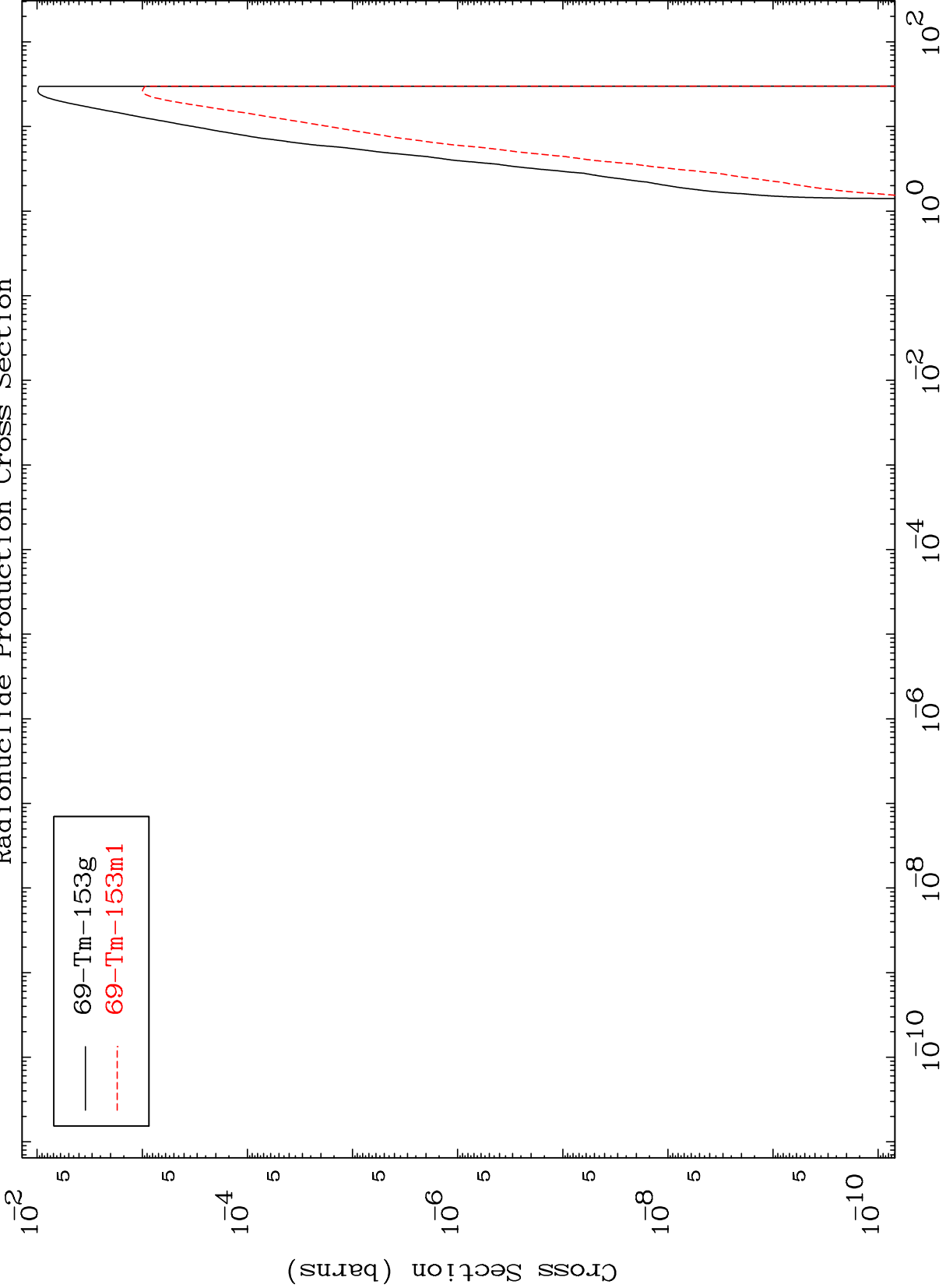
73-Ta-161

MAT 7268

(n,n') 2 α

73-Ta-161

Radionuclide Production Cross Section



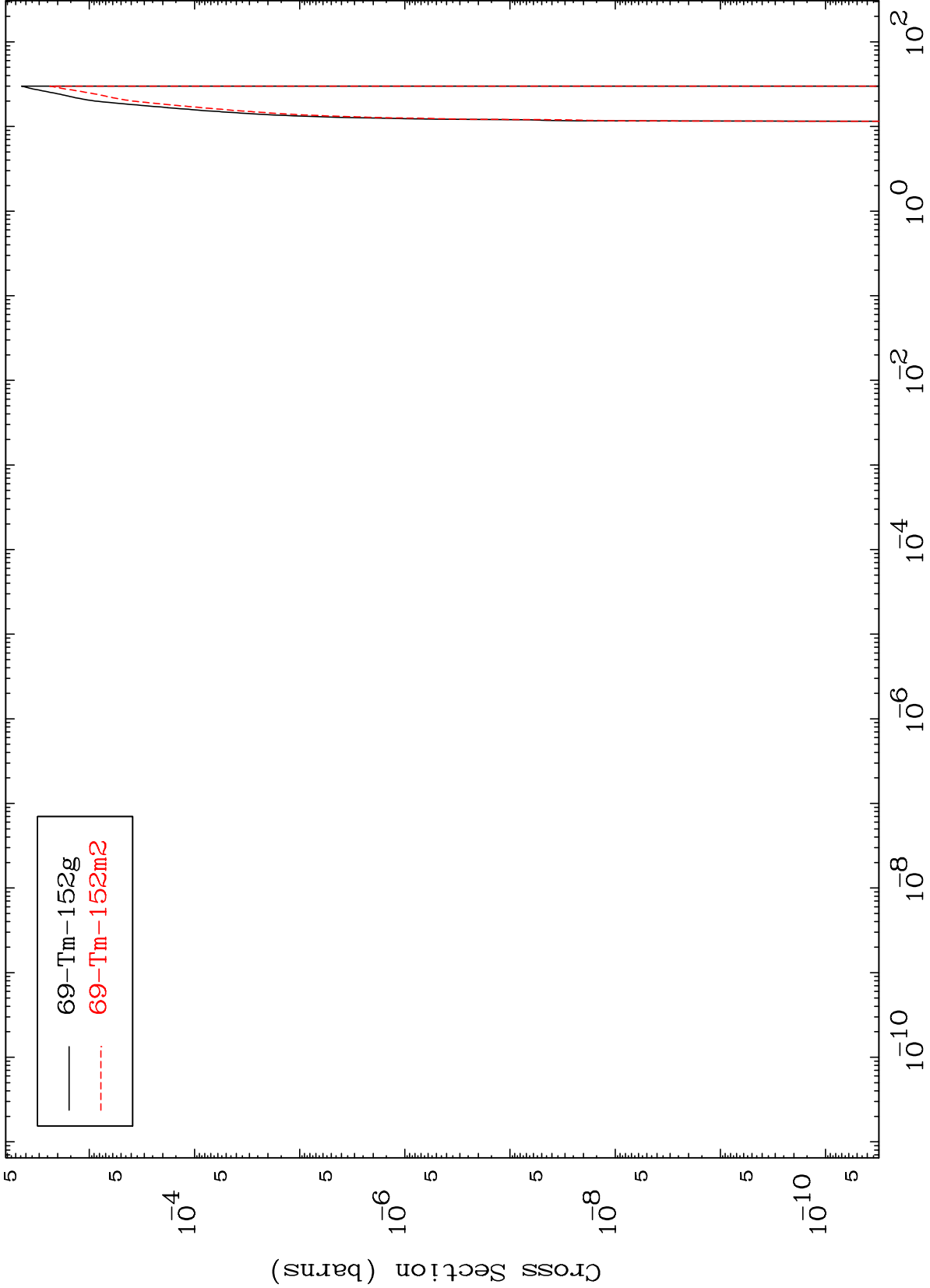
— 69-Tm-153g
- - - 69-Tm-153m1

MAT 7268

(n,2n) 2α

73-Ta-161

Radionuclide Production Cross Section



87

Incident Energy (MeV)

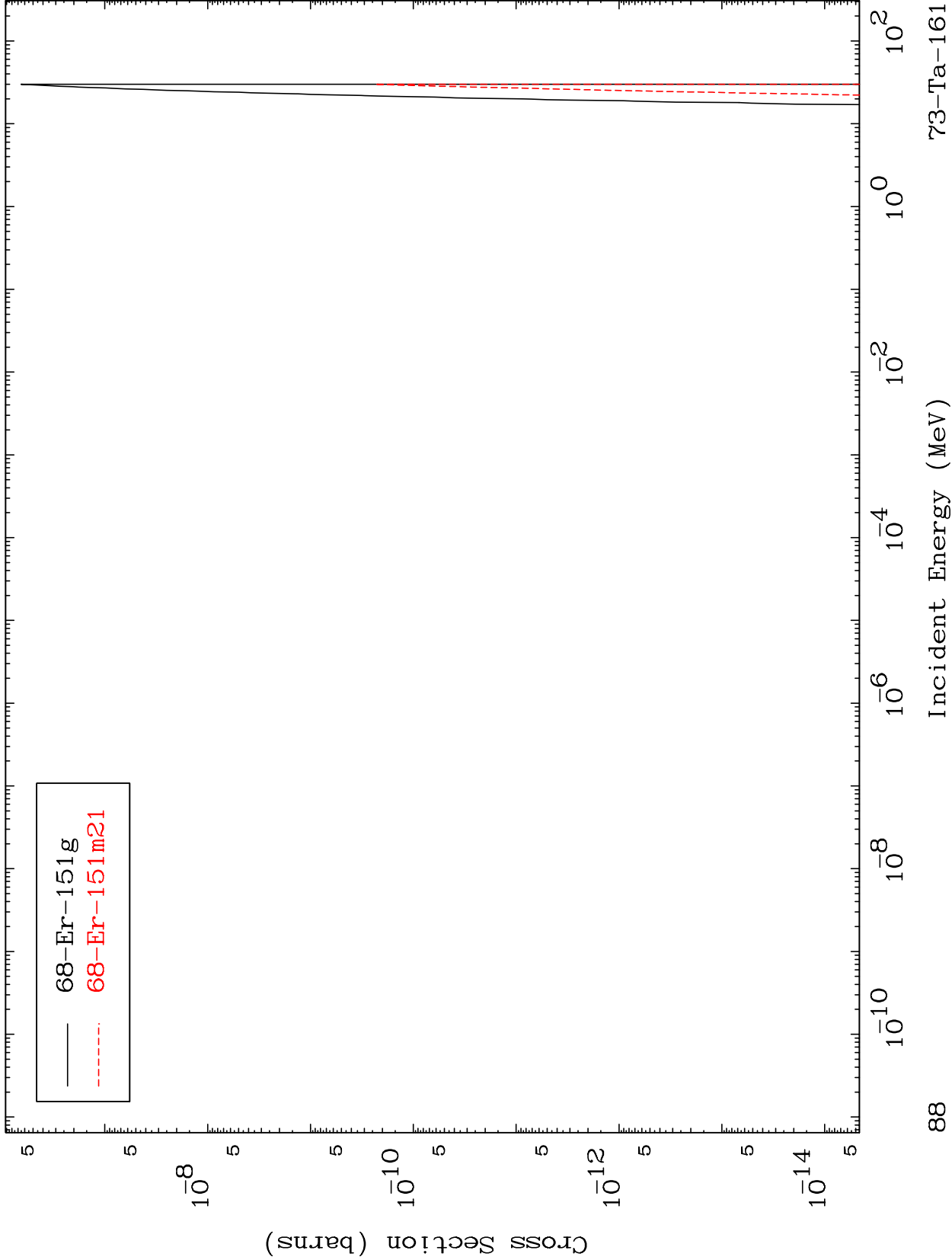
73-Ta-161

MAT 7268

(n,n') d,2α

73-Ta-161

Radionuclide Production Cross Section



88

Incident Energy (MeV)

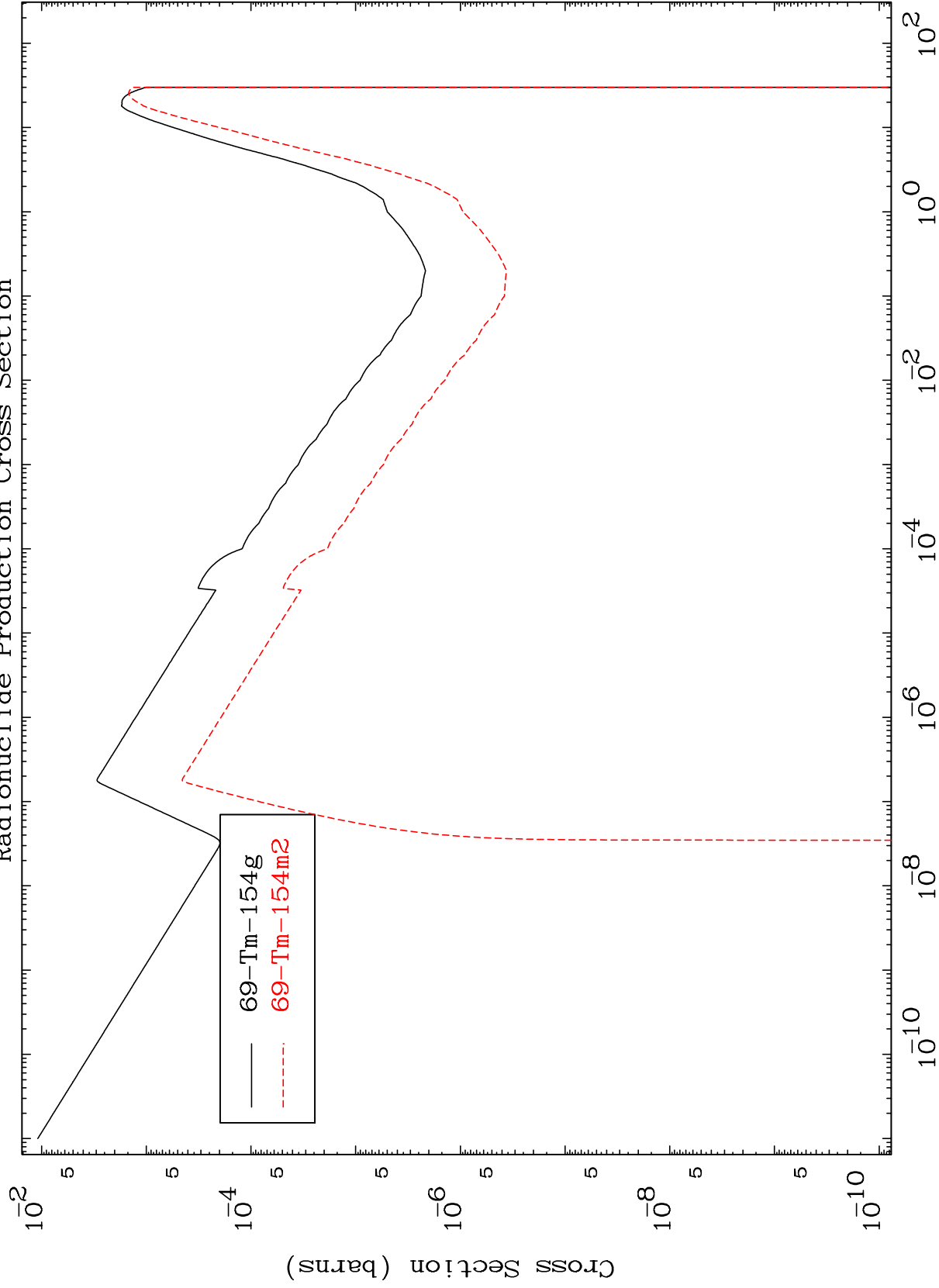
73-Ta-161

MAT 7268

(n,2α)

73-Ta-161

Radionuclide Production Cross Section



89

Incident Energy (MeV)

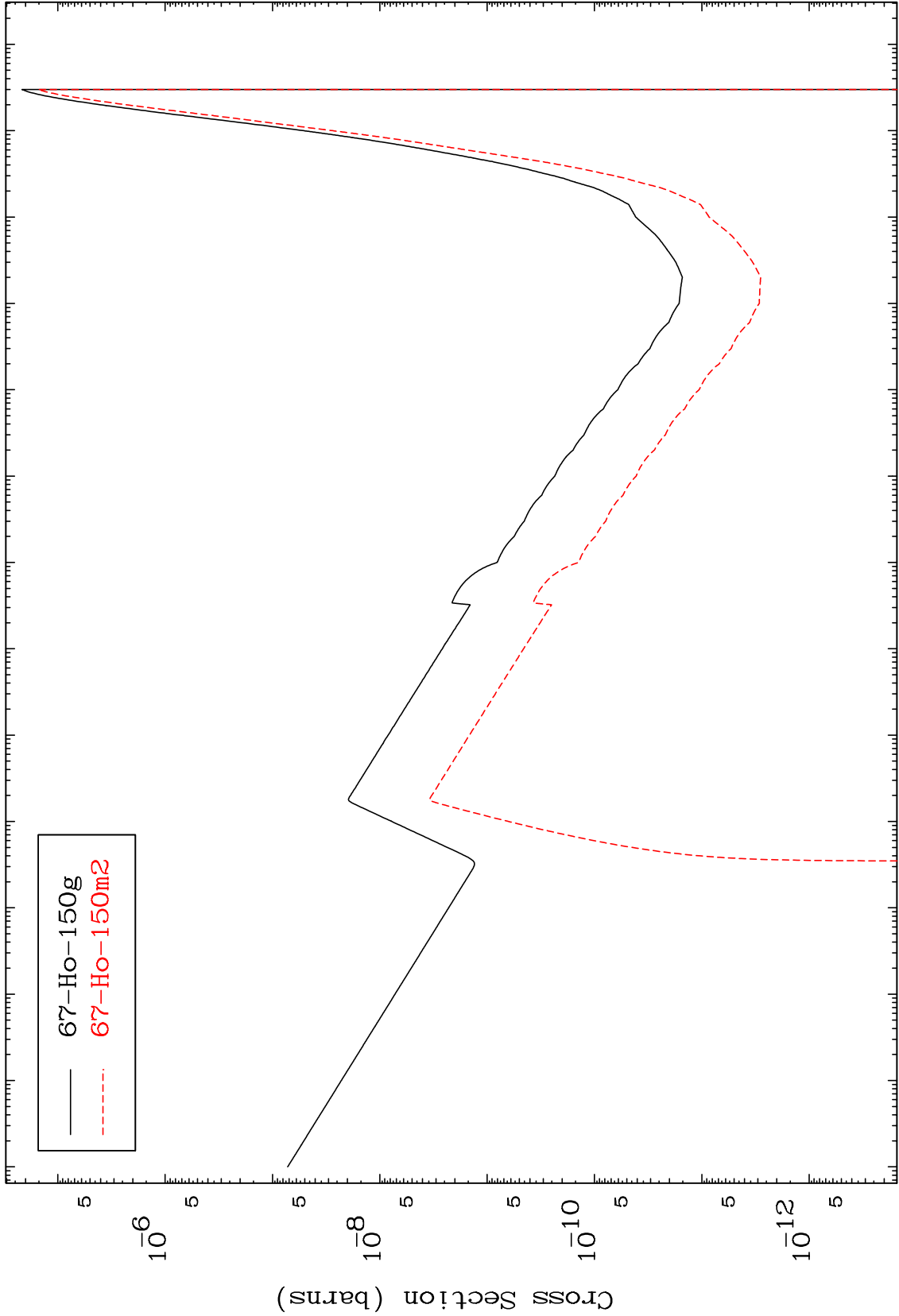
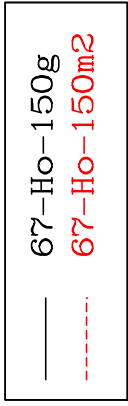
73-Ta-161

MAT 7268

(n, 3α)

73-Ta-161

Radionuclide Production Cross Section



Cross Section (barns)

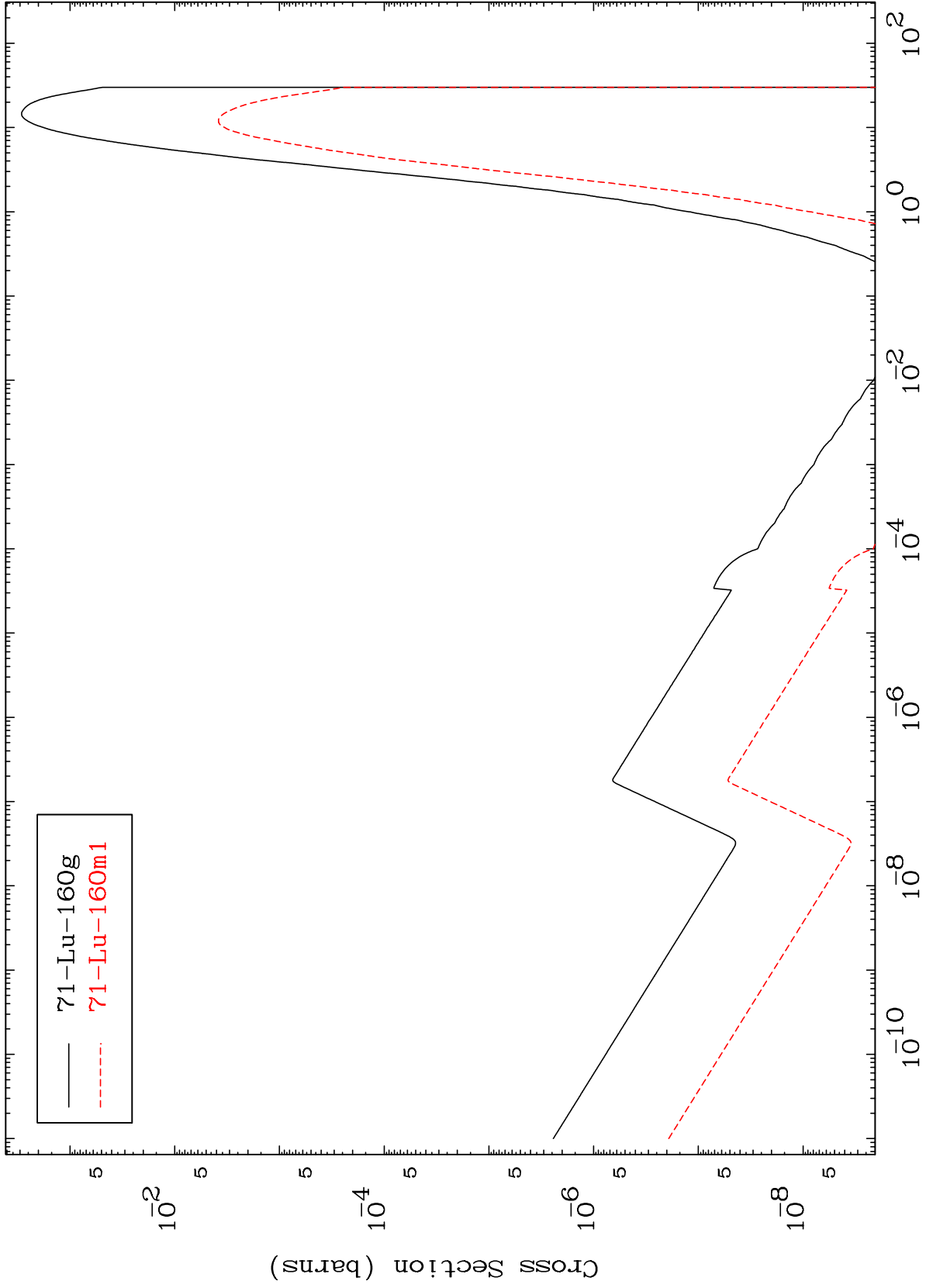
Incident Energy (MeV)

73-Ta-161

MAT 7268

73-Ta-161

(n,2p)
Radionuclide Production Cross Section



— 71-Lu-160g
- - - 71-Lu-160m1

91

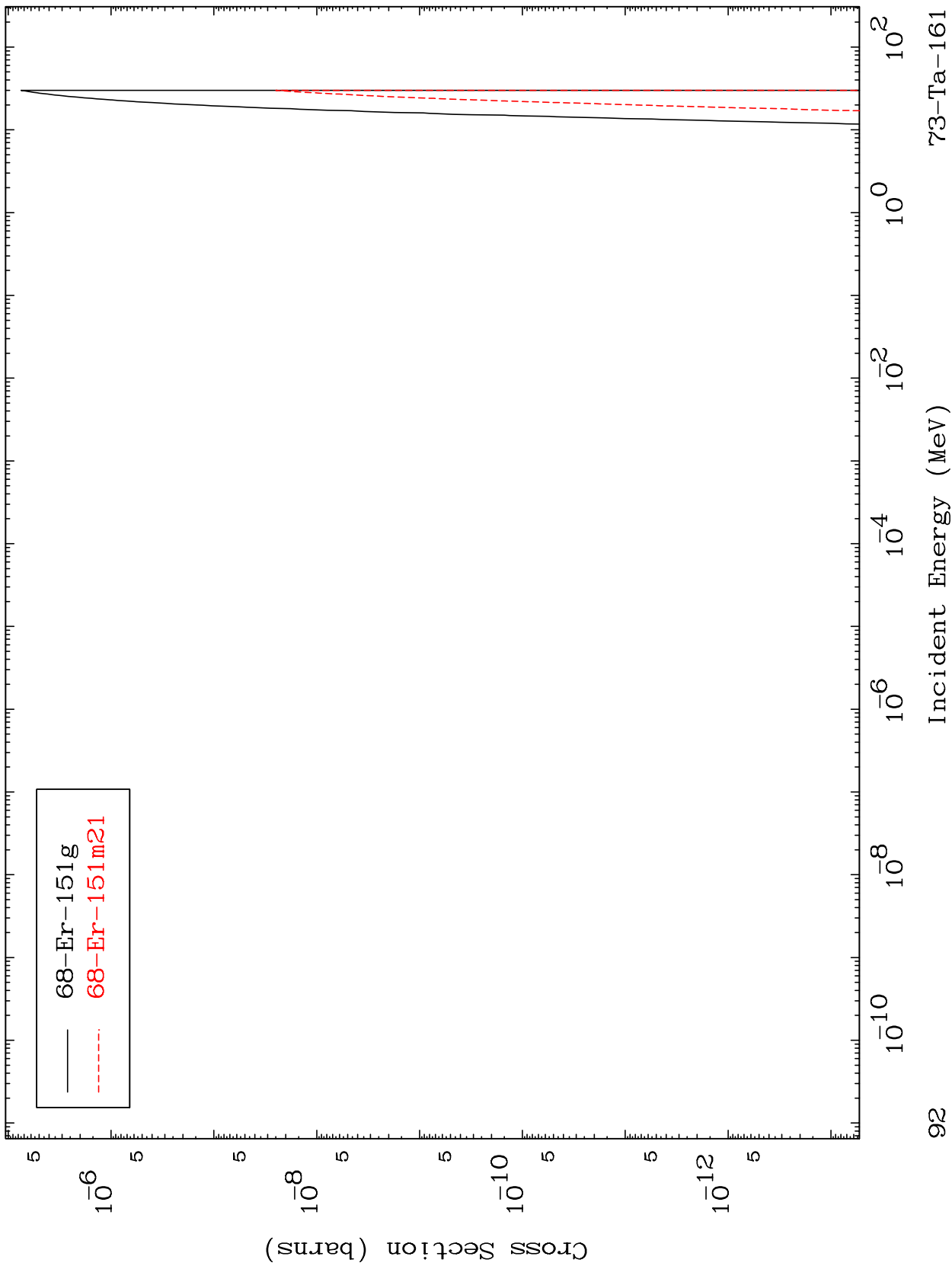
73-Ta-161

MAT 7268

(n,t) 2 α

73-Ta-161

Radionuclide Production Cross Section



92

Incident Energy (MeV)

73-Ta-161