

Program EVALPLOT  
(Version 2015-2)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

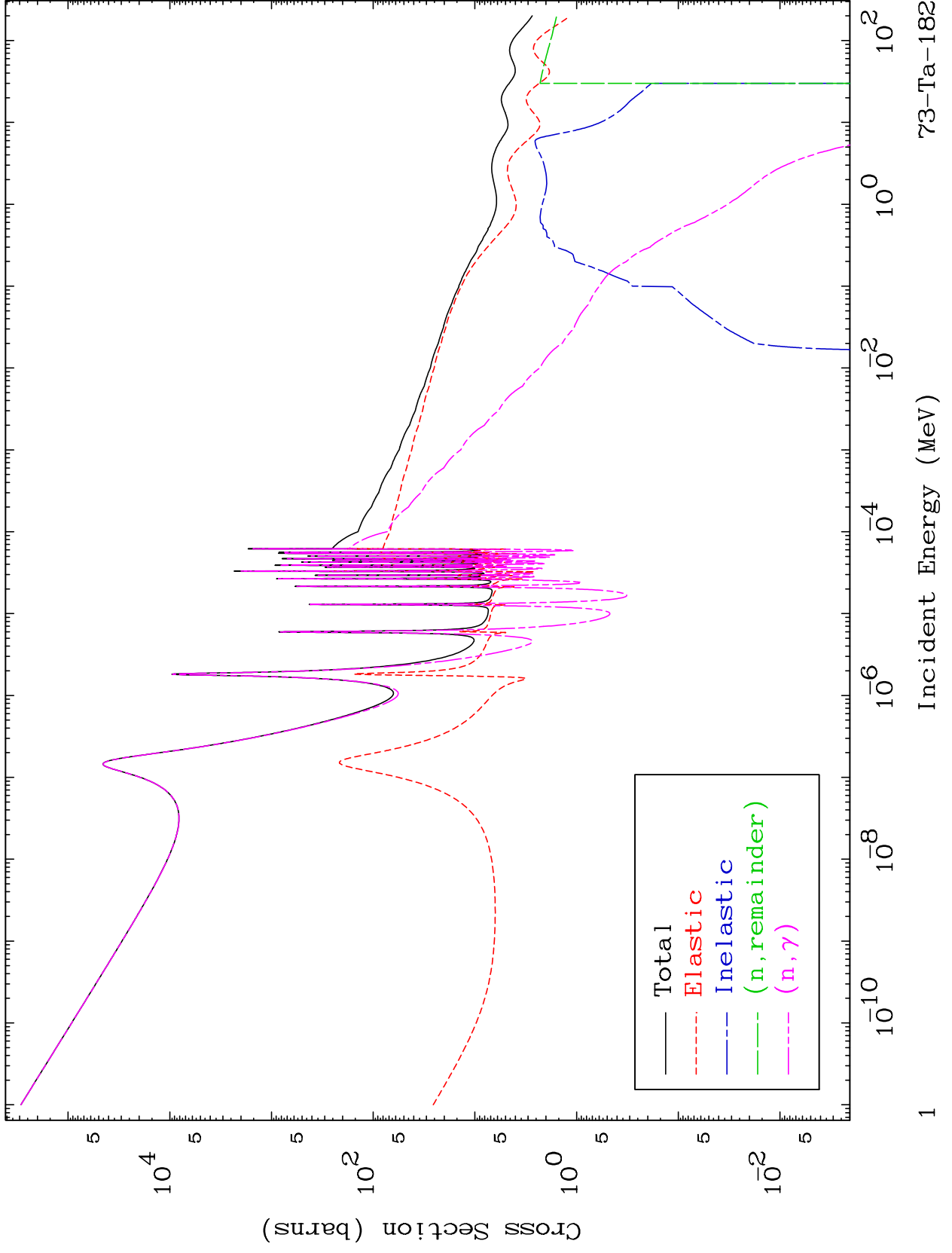
Press Mouse Button to Start

MAT 7331

Major

293 Kelvin Cross Sections

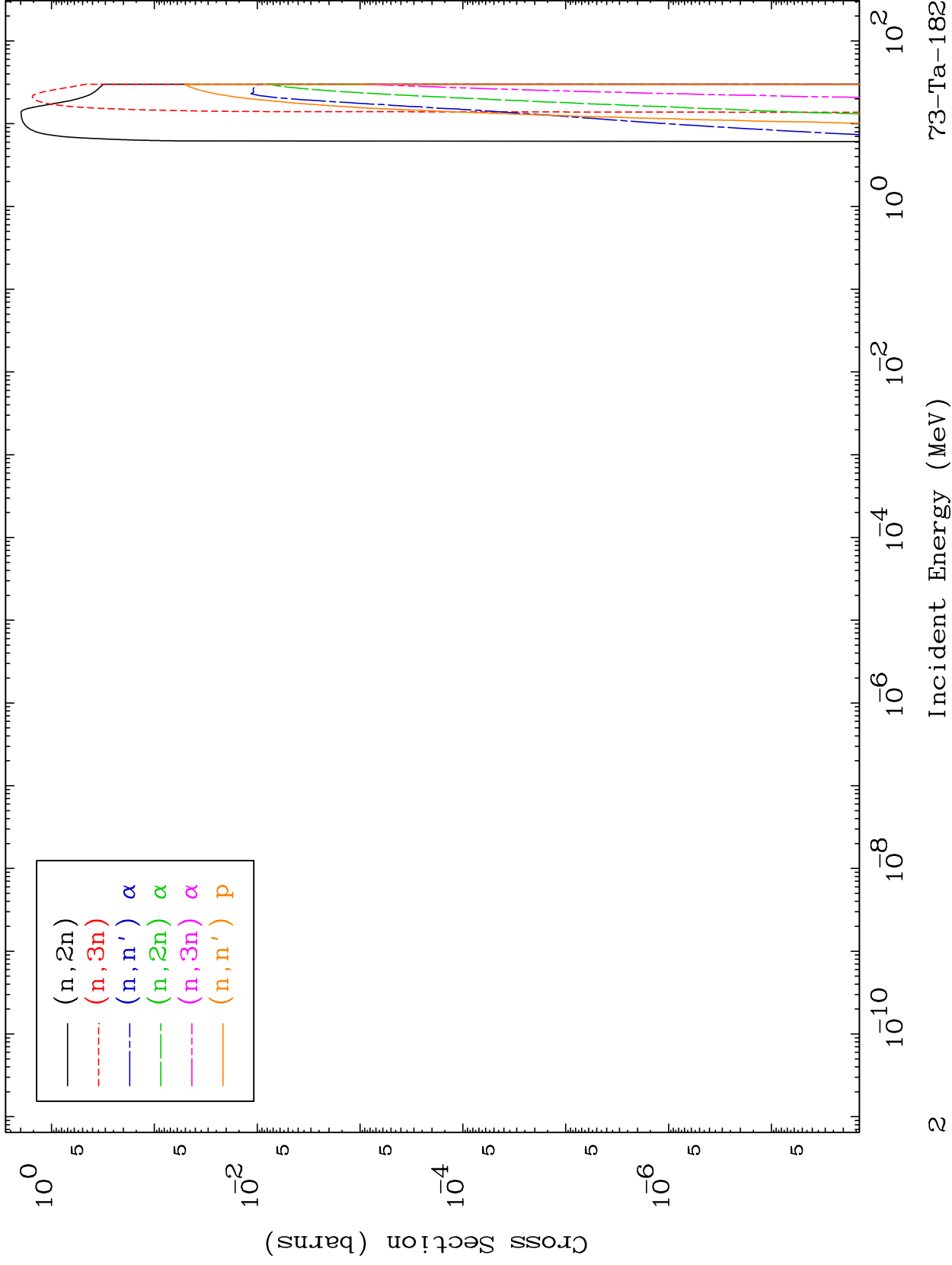
73-Ta-182



MAT 7331

Neutron Production  
293 Kelvin Cross Sections

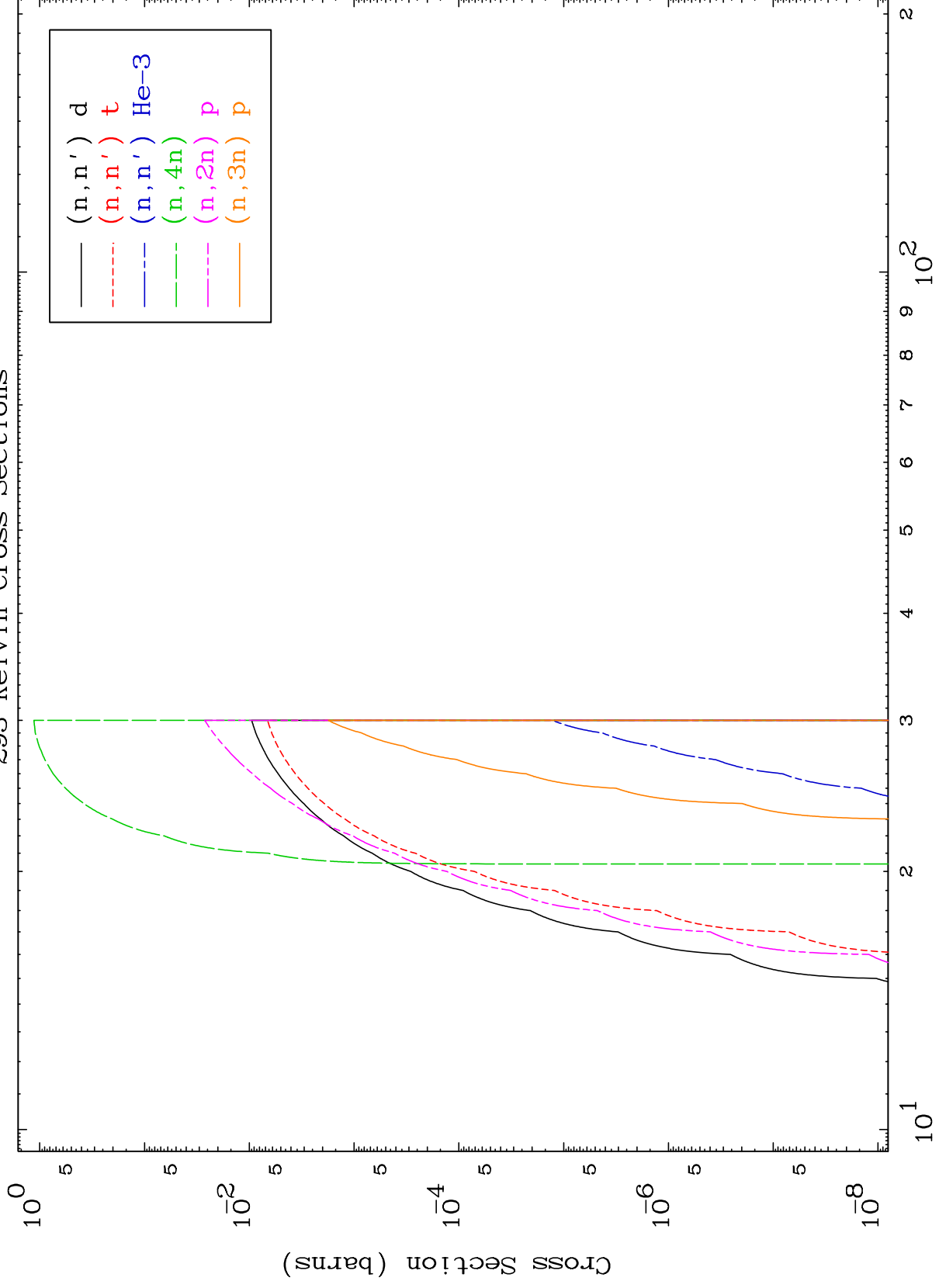
73-Ta-182



MAT 7331

Neutron Production  
293 Kelvin Cross Sections

73-Ta-182



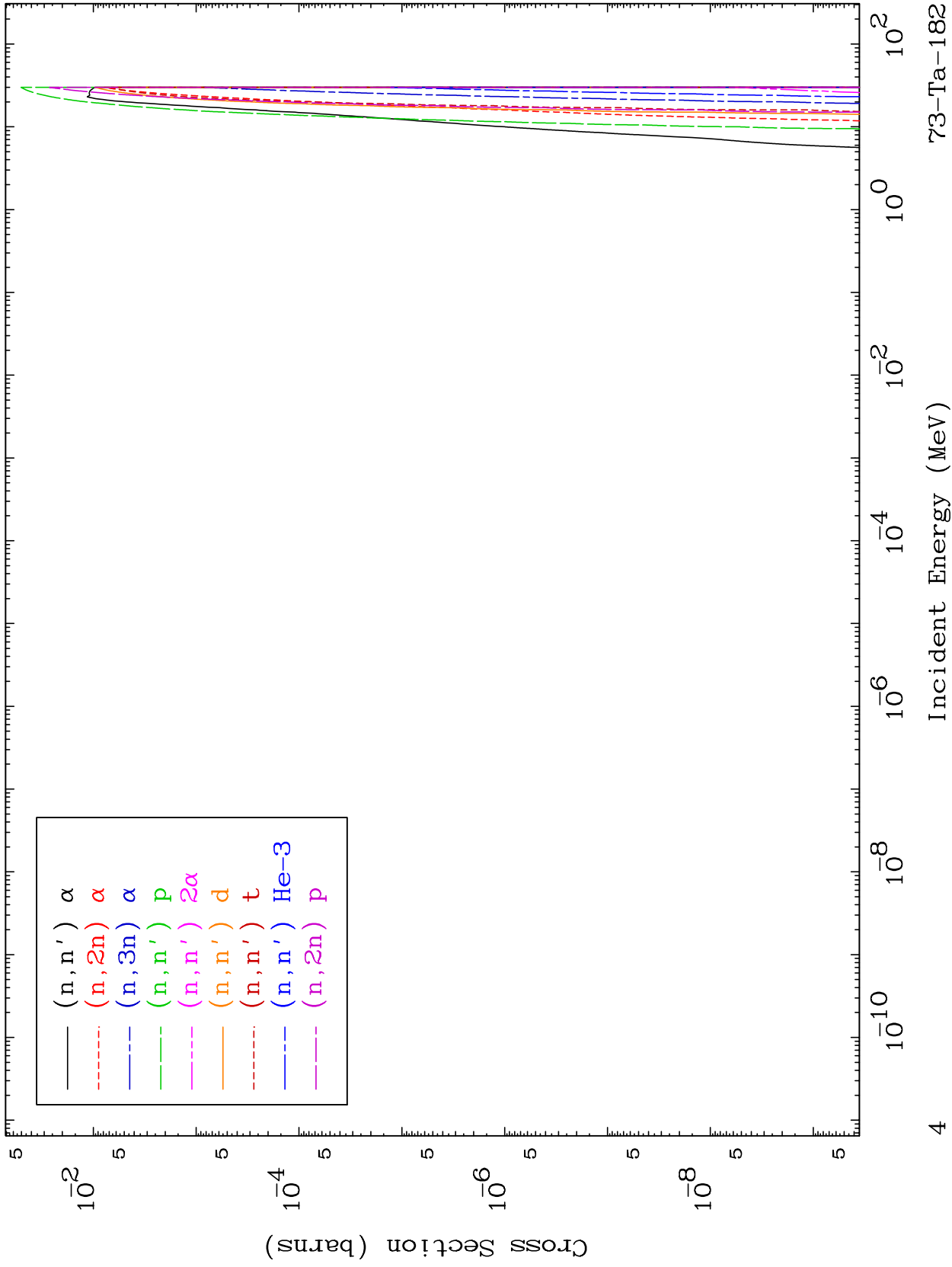
Incident Energy (MeV)

73-Ta-182

MAT 7331

Charged Particle  
293 Kelvin Cross Sections

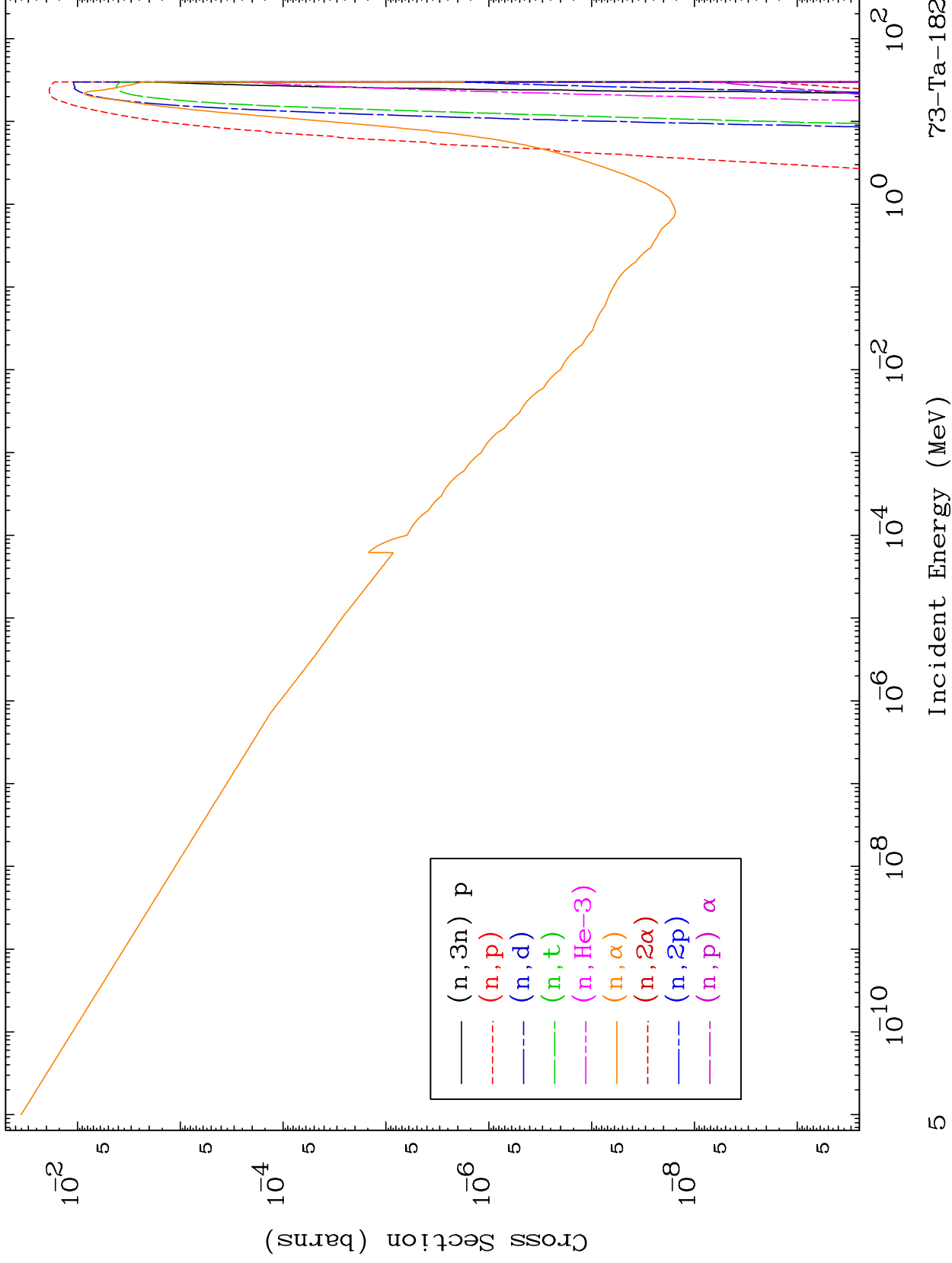
73-Ta-182



MAT 7331

Charged Particle  
293 Kelvin Cross Sections

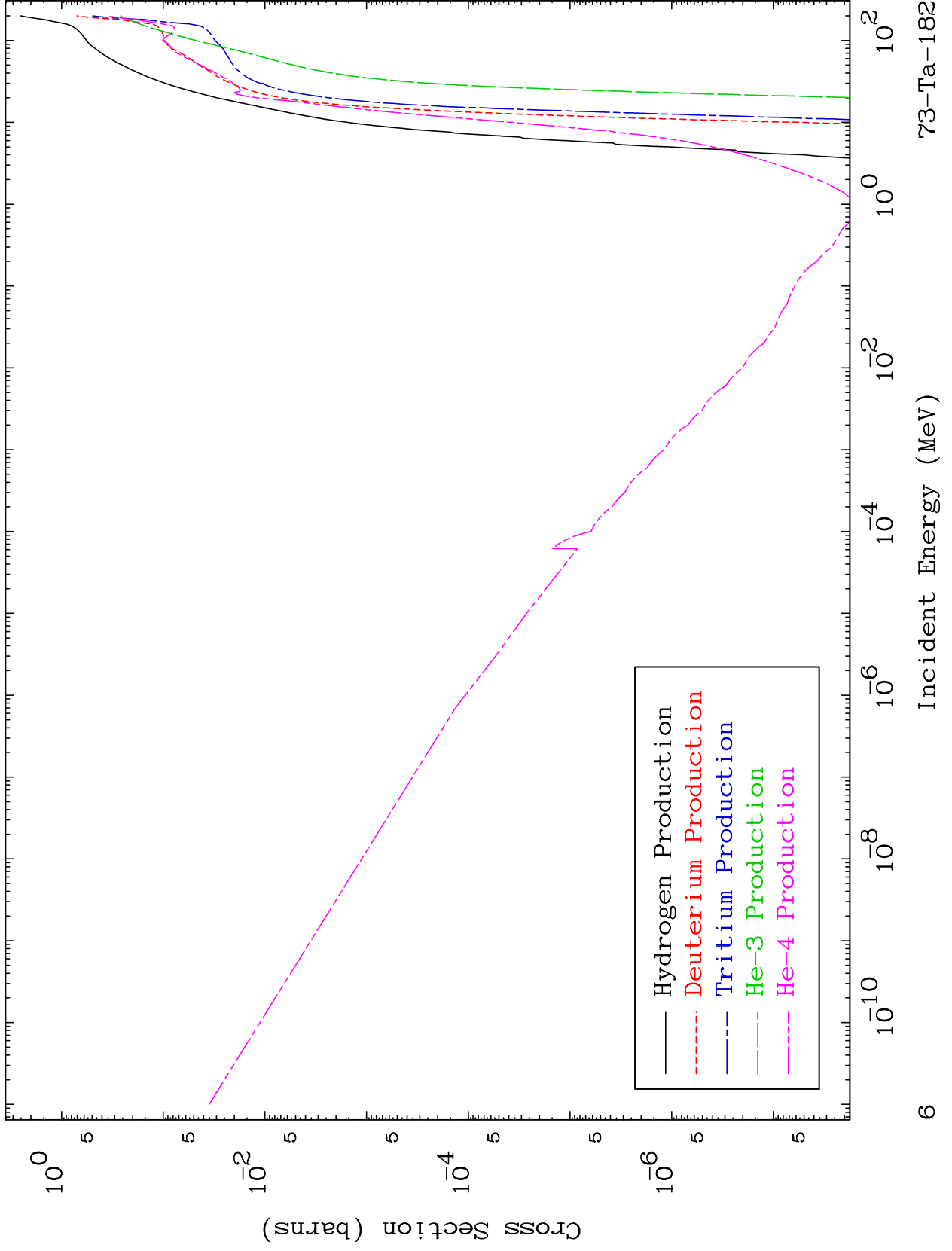
73-Ta-182



MAT 7331

Particle Production  
293 Kelvin Cross Sections

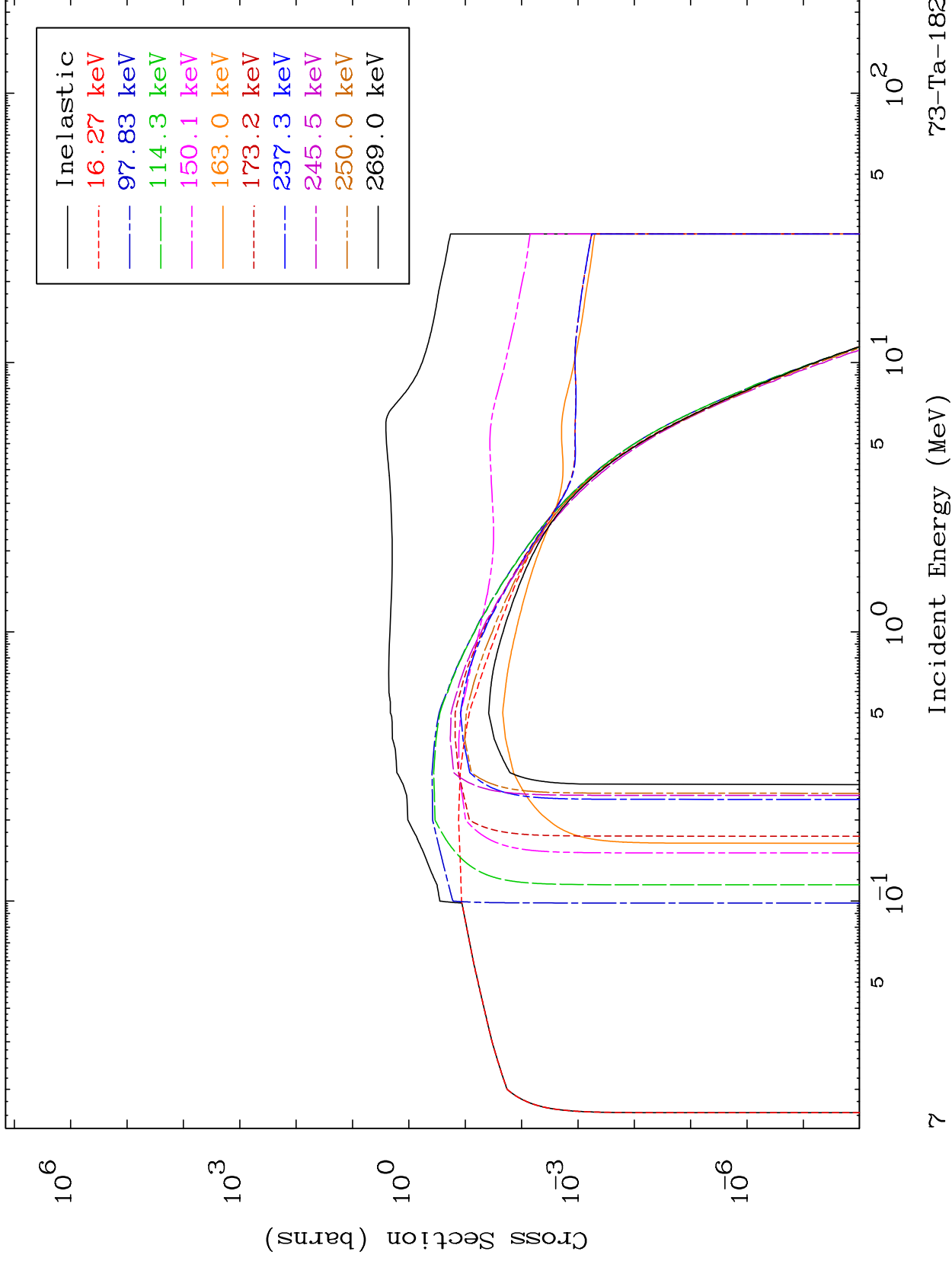
<sup>73</sup>Ta-182



MAT 7331

(n,n') Level  
293 Kelvin Cross Sections

73-Ta-182



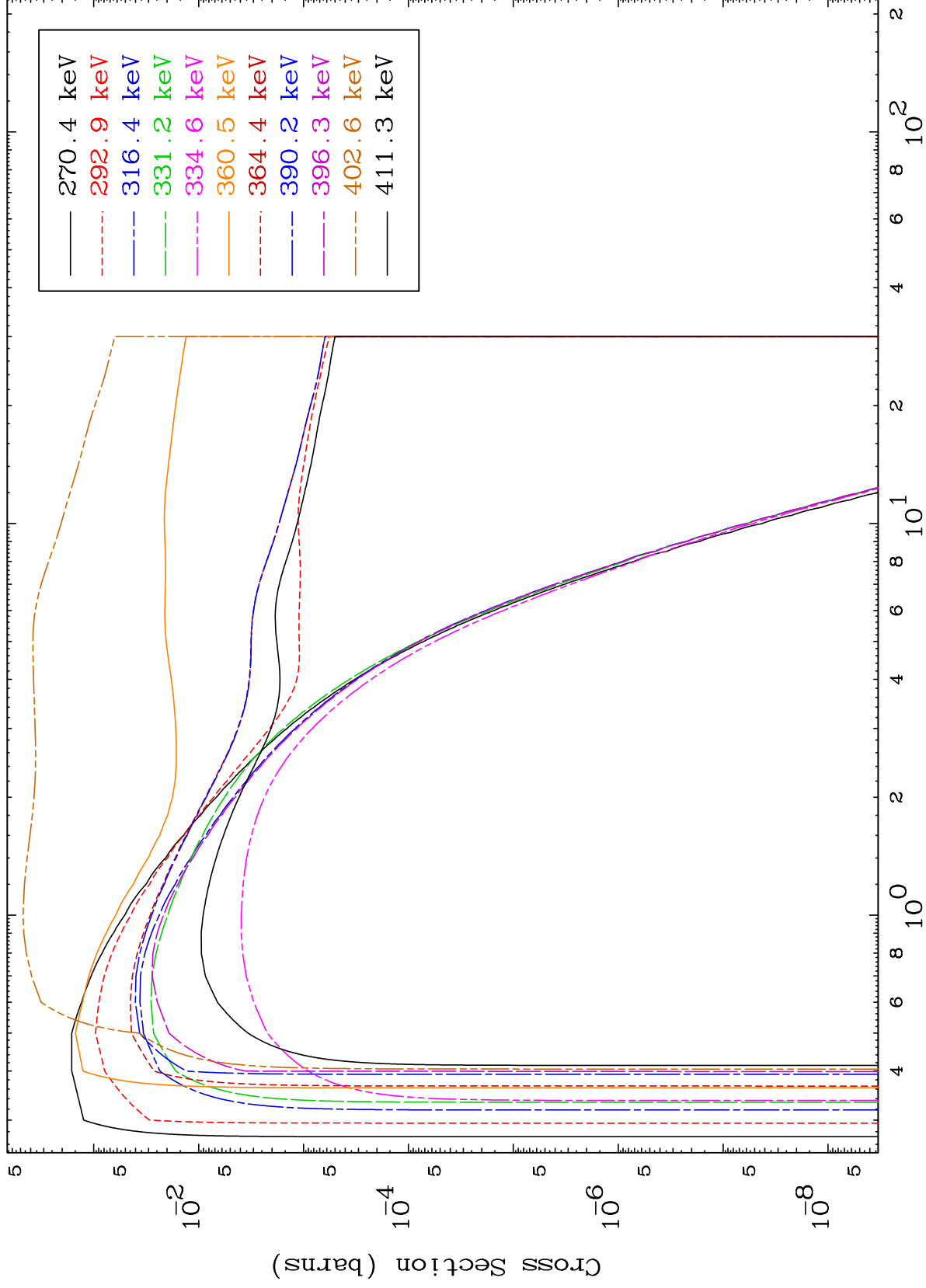


MAT 7331

(n,n') Level

73-Ta-182

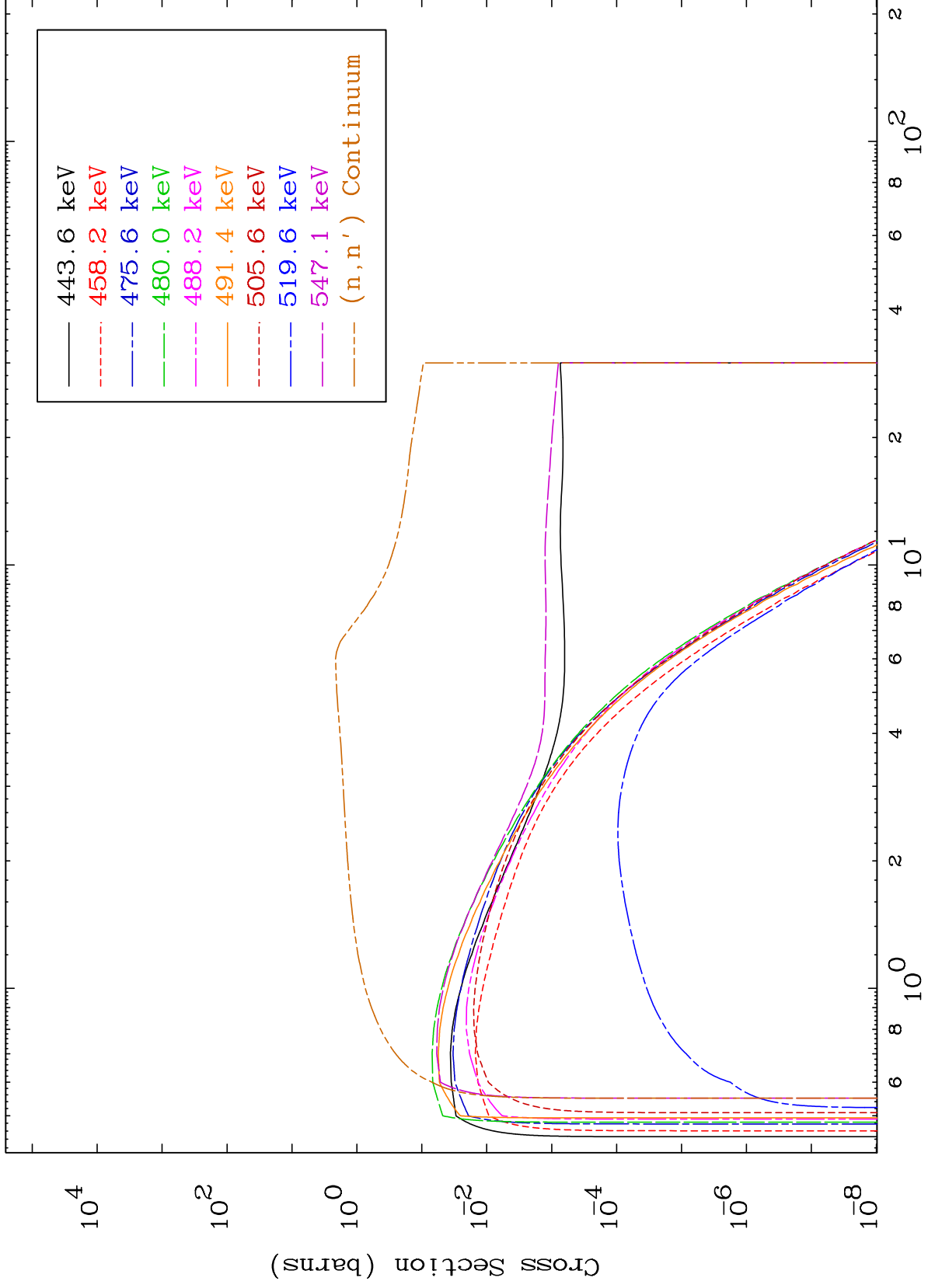
293 Kelvin Cross Sections



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Incident Energy (MeV)

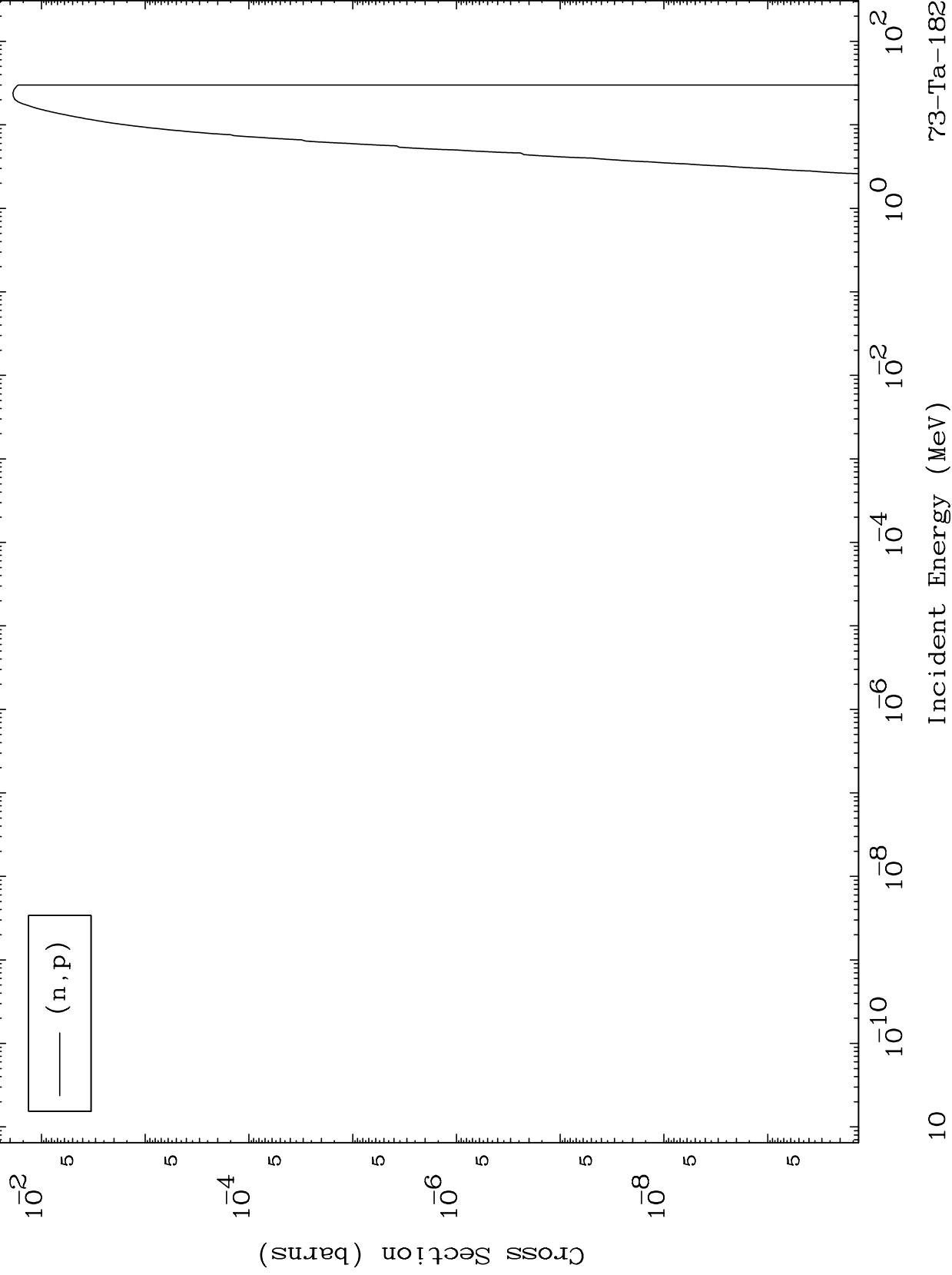
73-Ta-182



MAT 7331

(n,p) Levels  
293 Kelvin Cross Sections

73-Ta-182



10

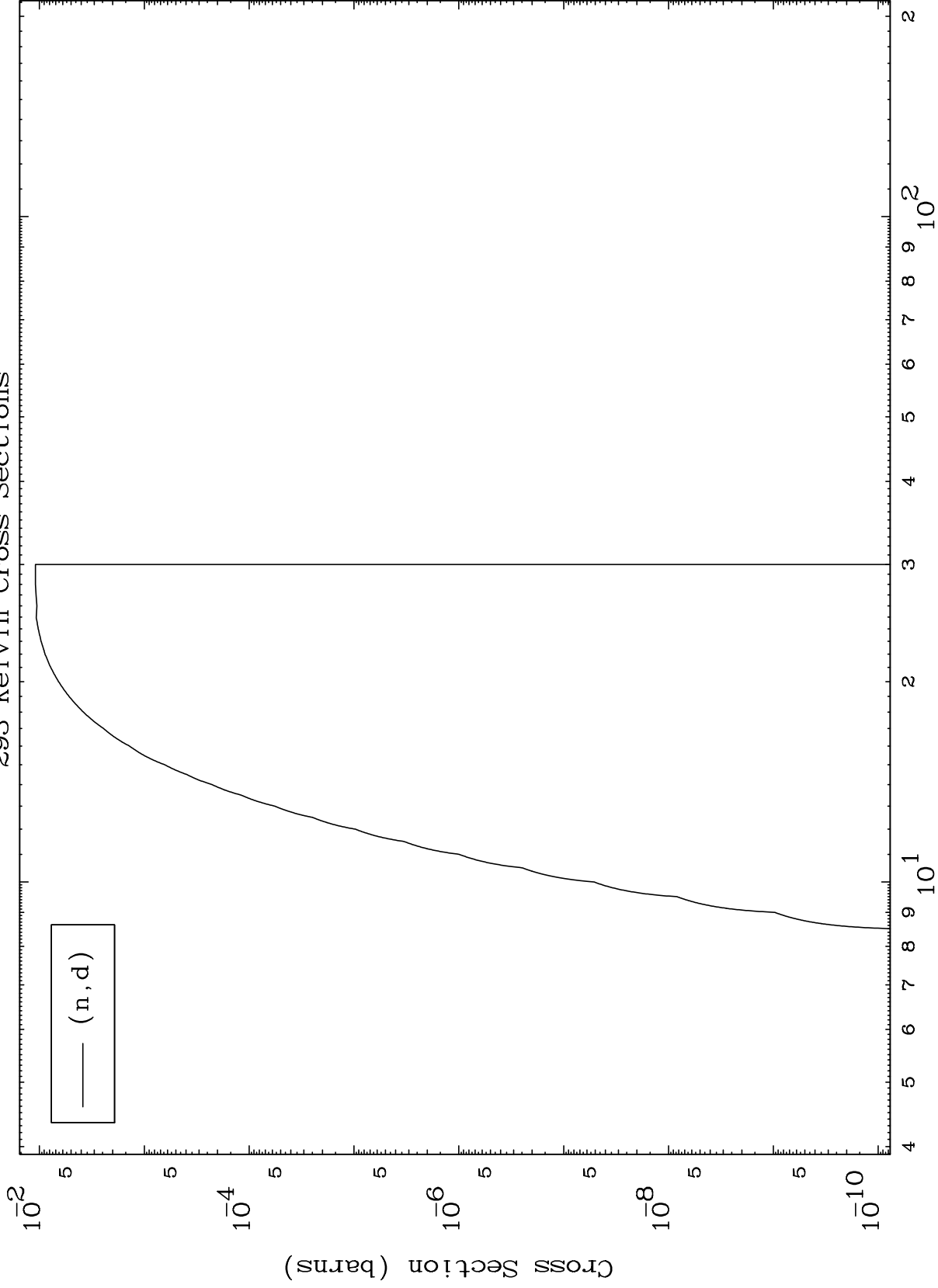
Incident Energy (MeV)

73-Ta-182

MAT 7331

(n,d) Levels  
293 Kelvin Cross Sections

73-Ta-182



11

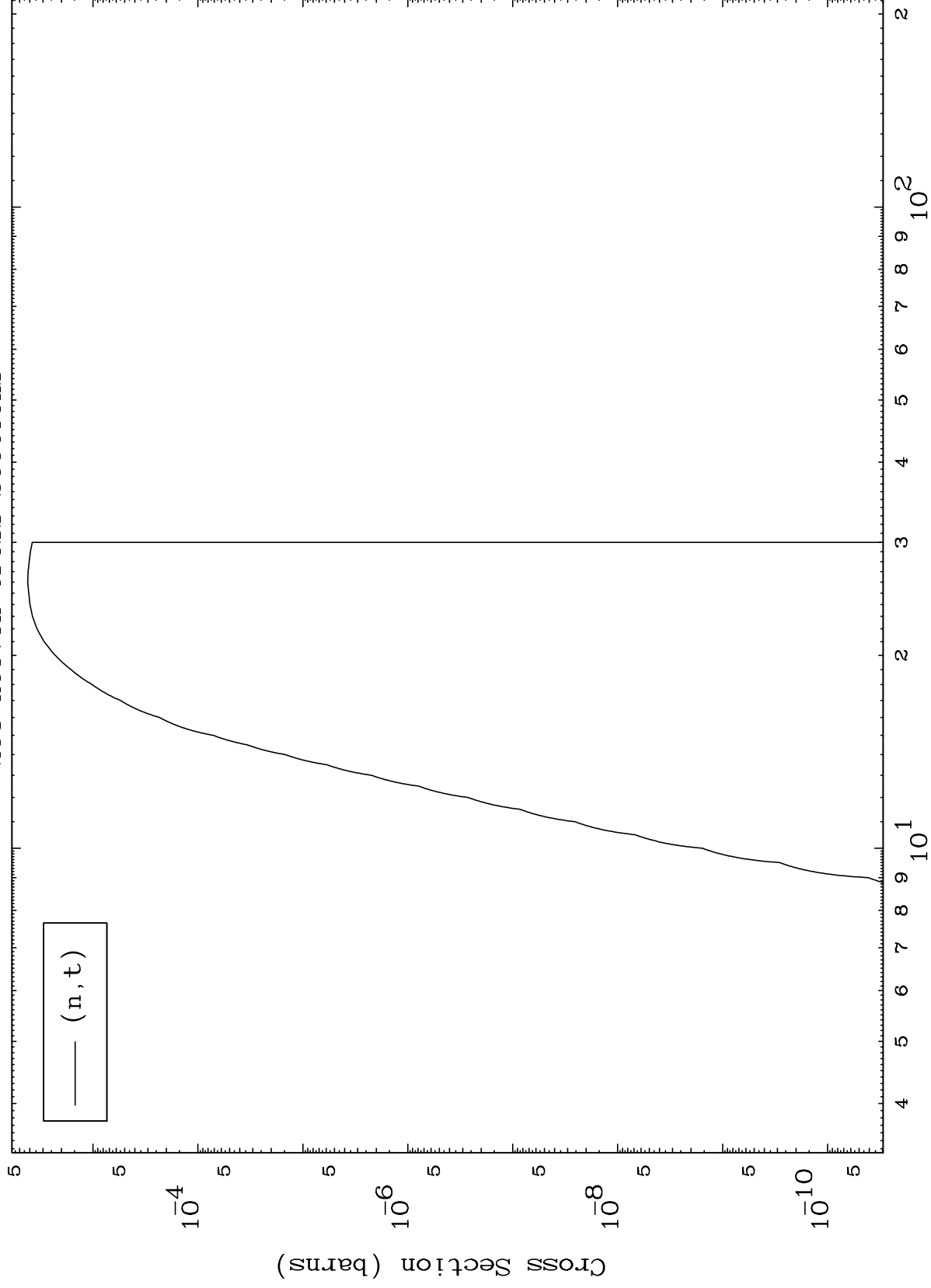
Incident Energy (MeV)

73-Ta-182

MAT 7331

73-Ta-182

(n,t) Levels  
293 Kelvin Cross Sections



73-Ta-182

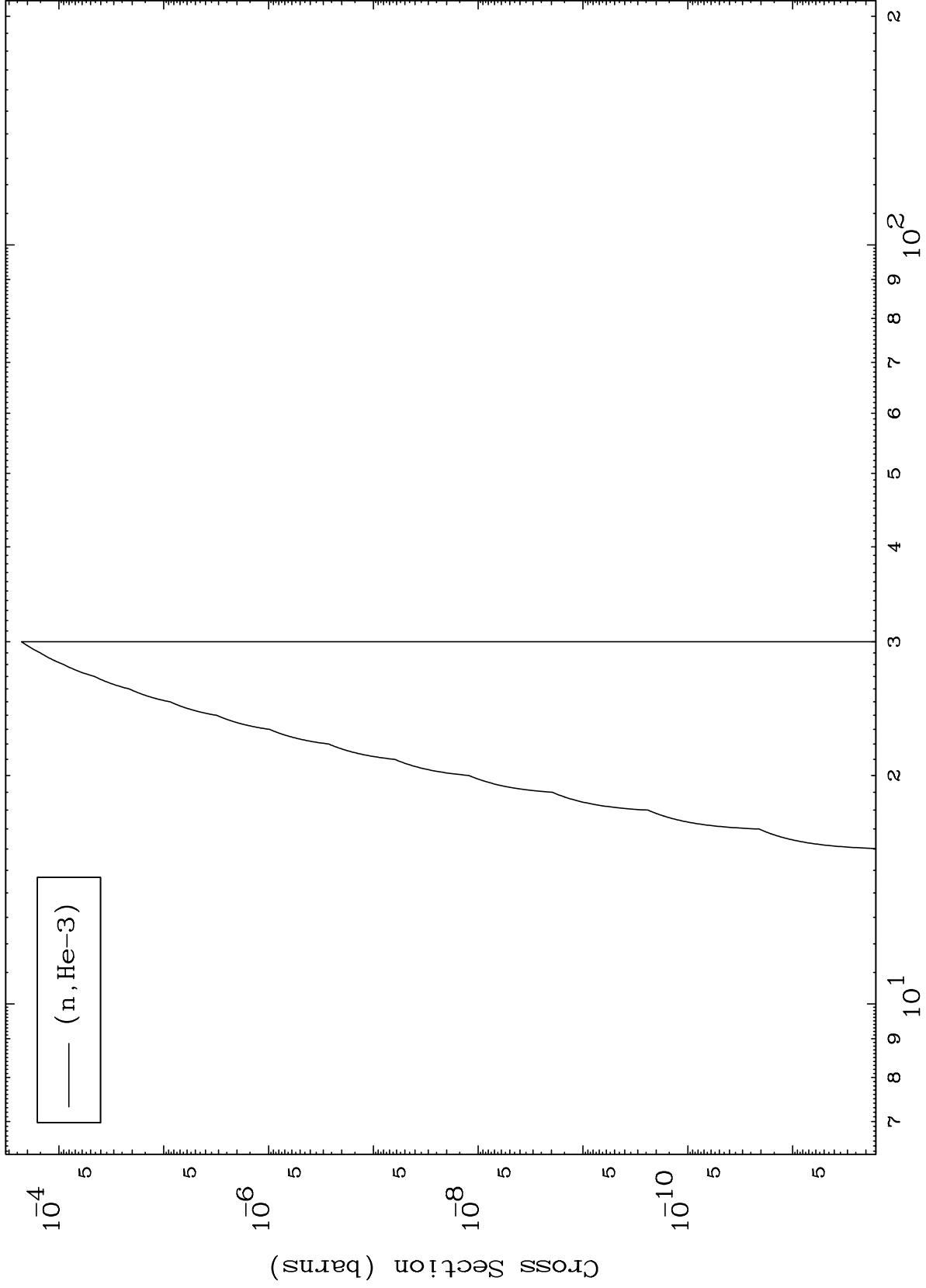
Incident Energy (MeV)

12

MAT 7331

(n,He3) Levels  
293 Kelvin Cross Sections

73-Ta-182



13

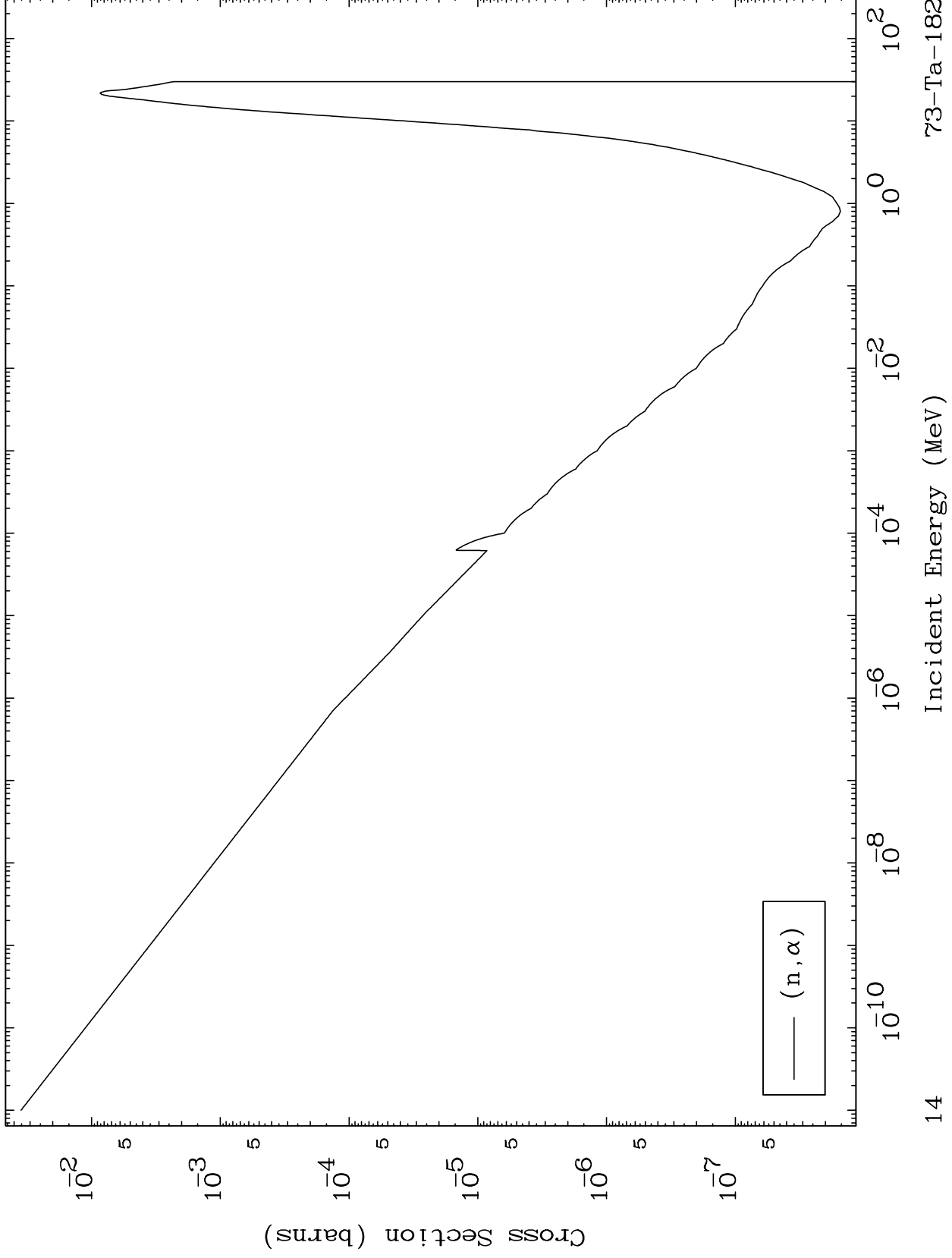
Incident Energy (MeV)

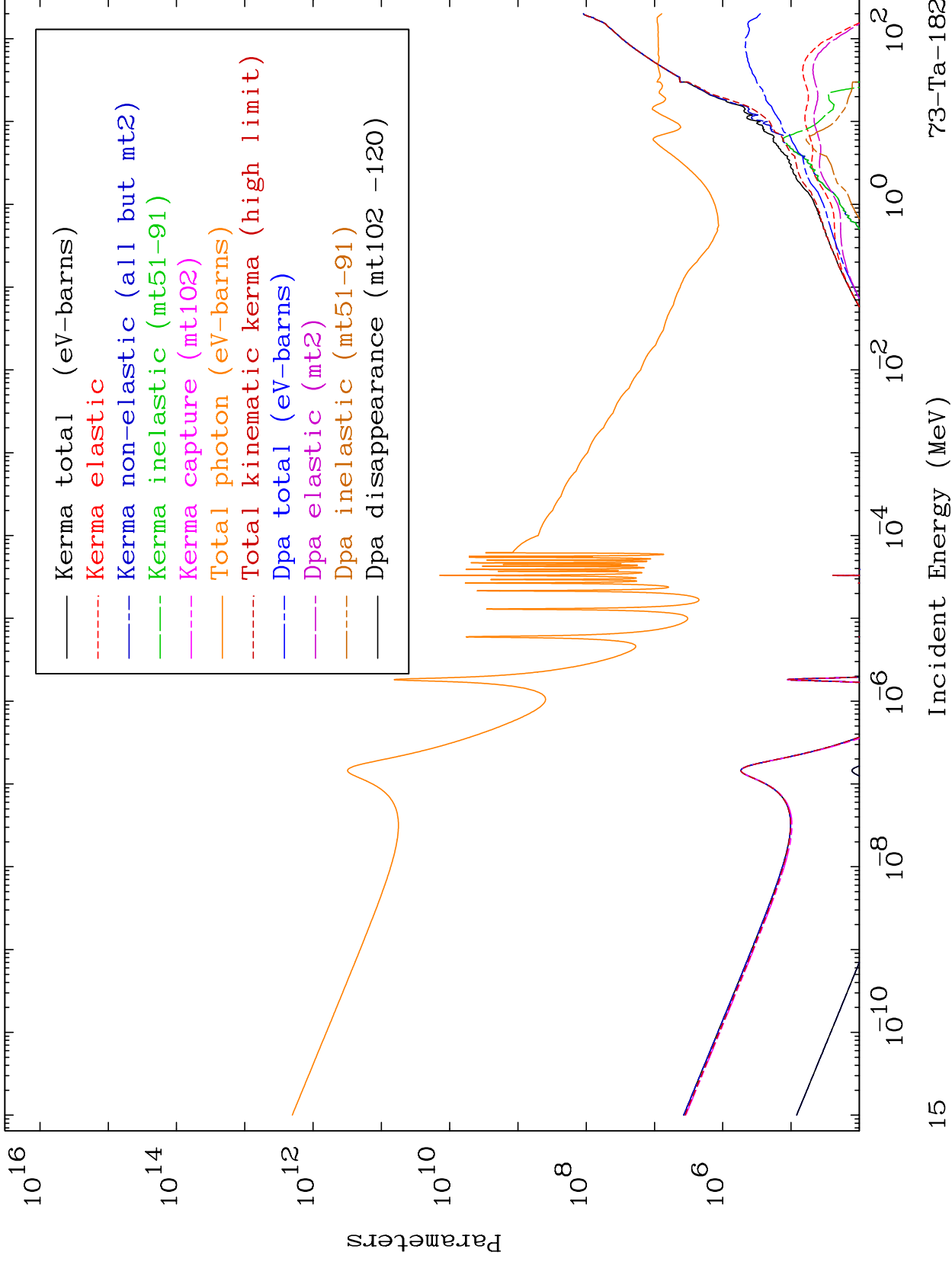
73-Ta-182

MAT 7331

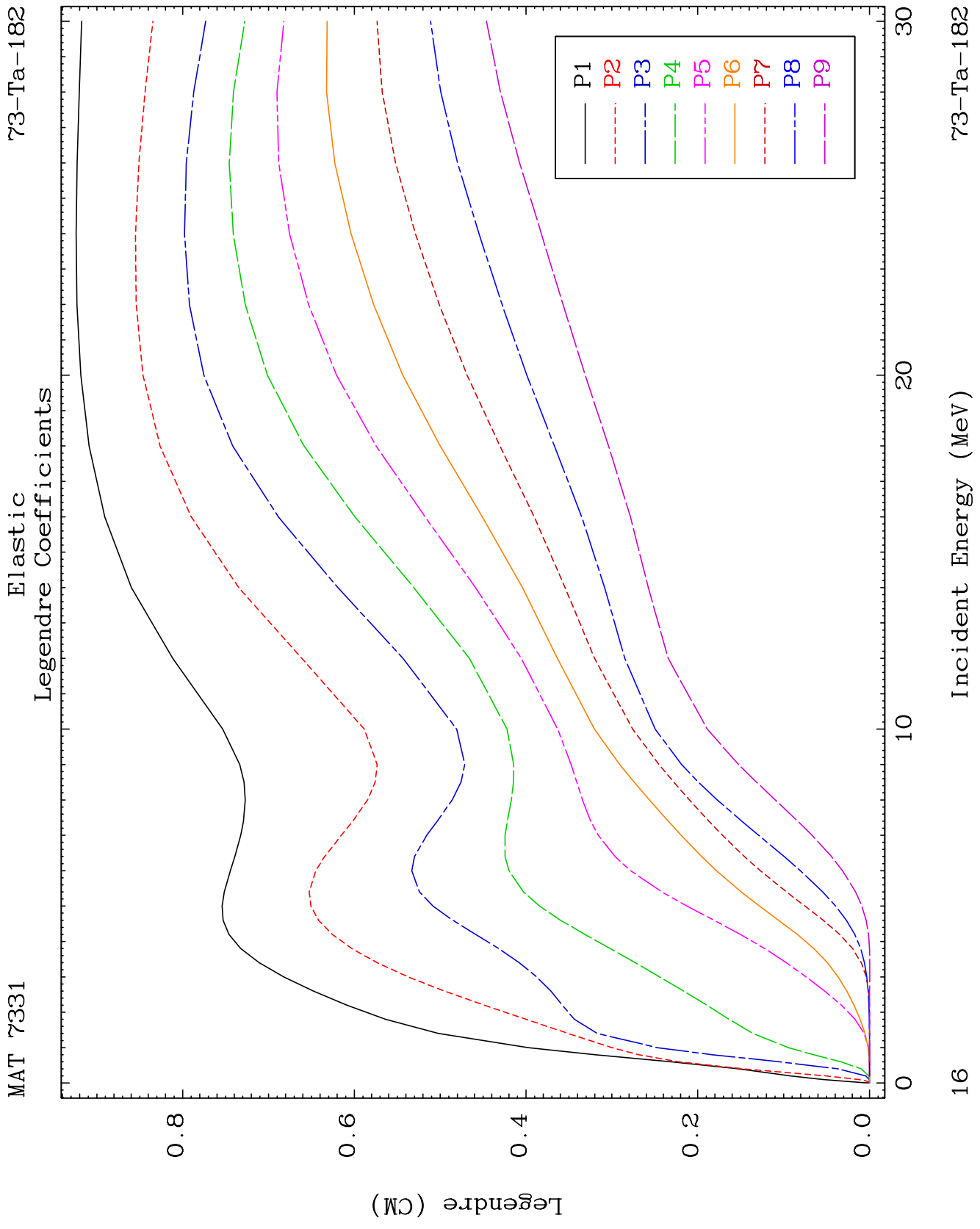
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

73-Ta-182





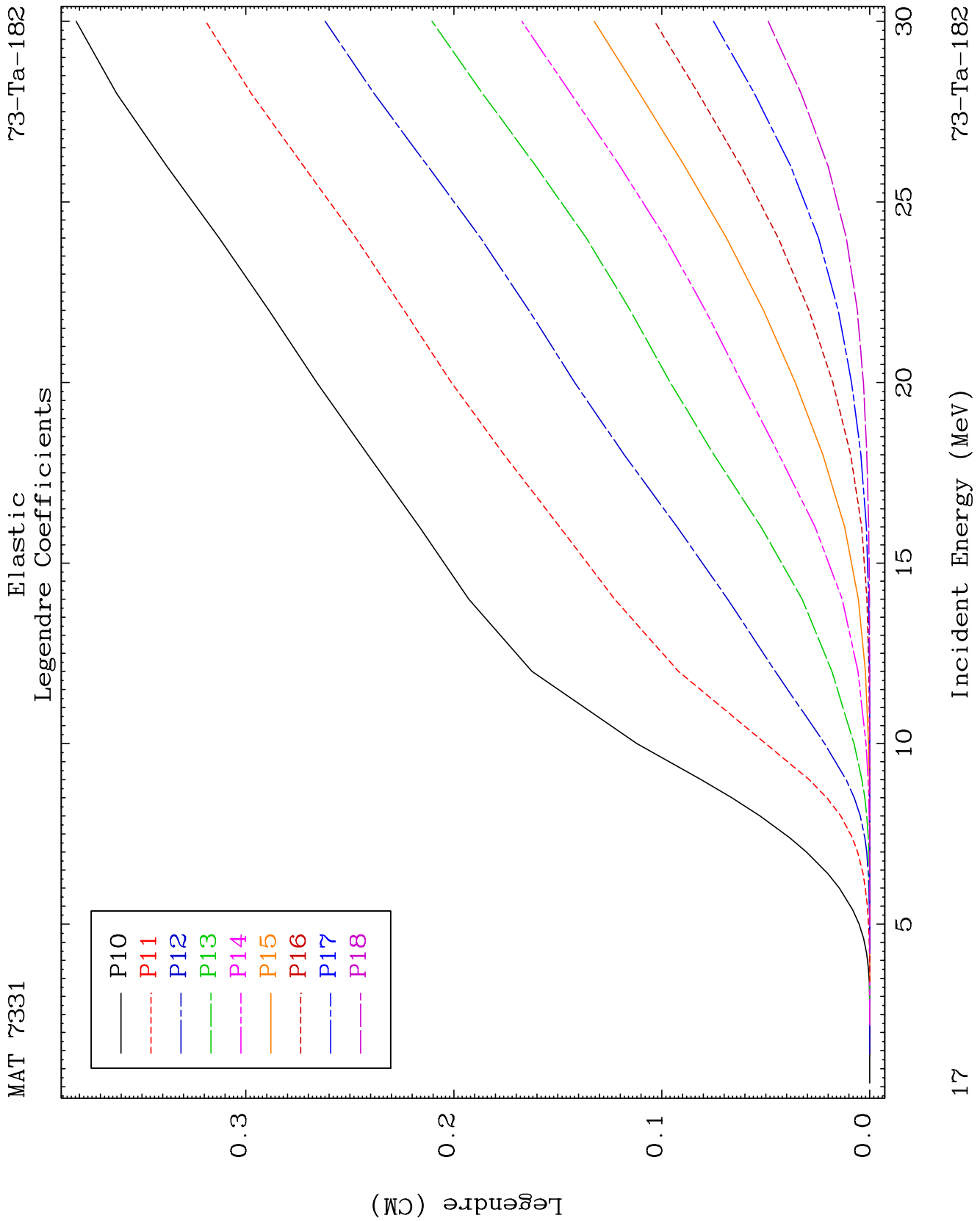




73-Ta-182

Incident Energy (MeV)

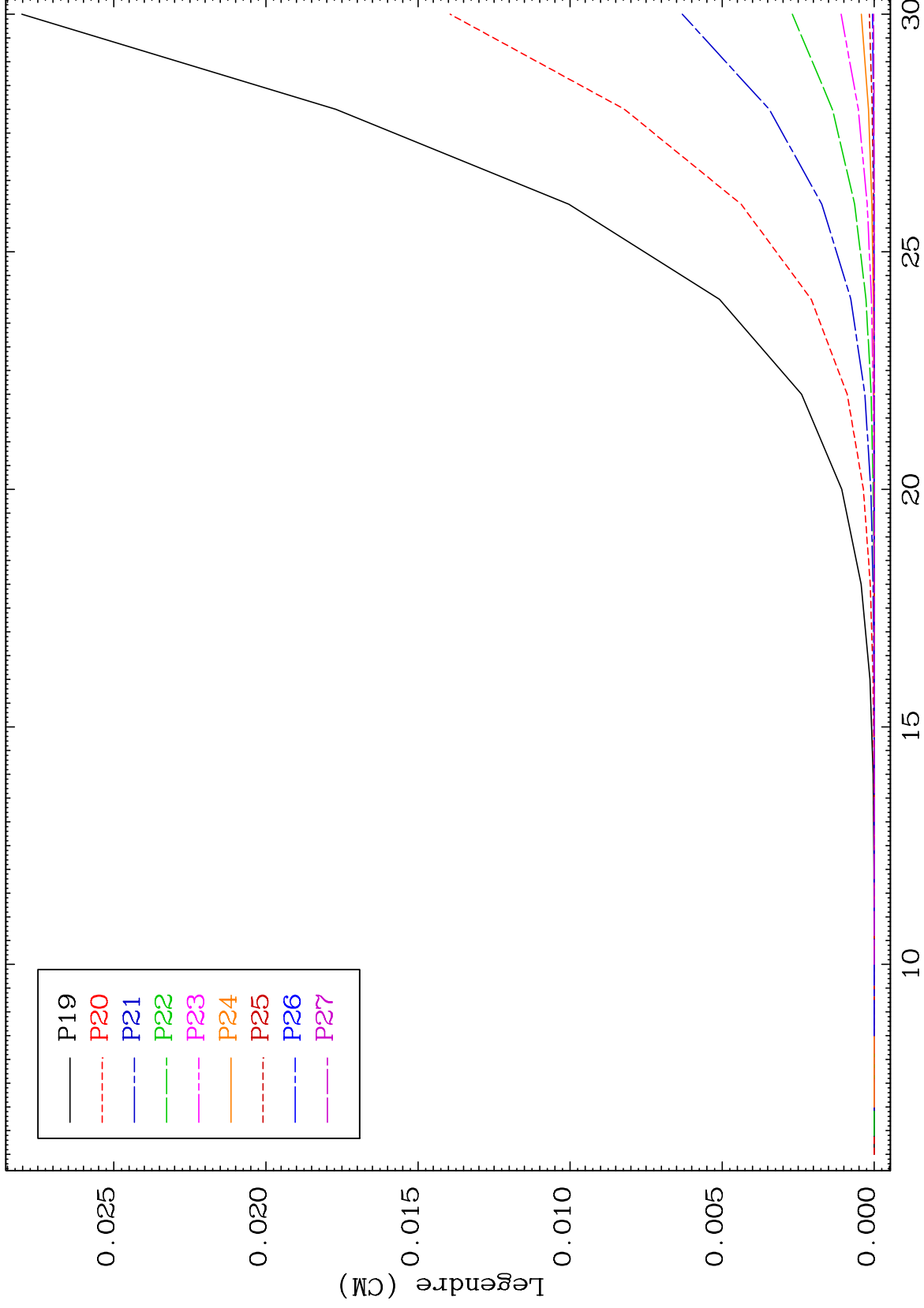
16



MAT 7331

Elastic Legendre Coefficients

73-Ta-182



18

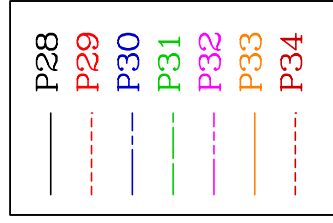
Incident Energy (MeV)

73-Ta-182

MAT 7331

Elastic  
Legendre Coefficients

73-Ta-182



$\times 10^{-6}$

6

4

2

0

Legendre (CM)

15

20

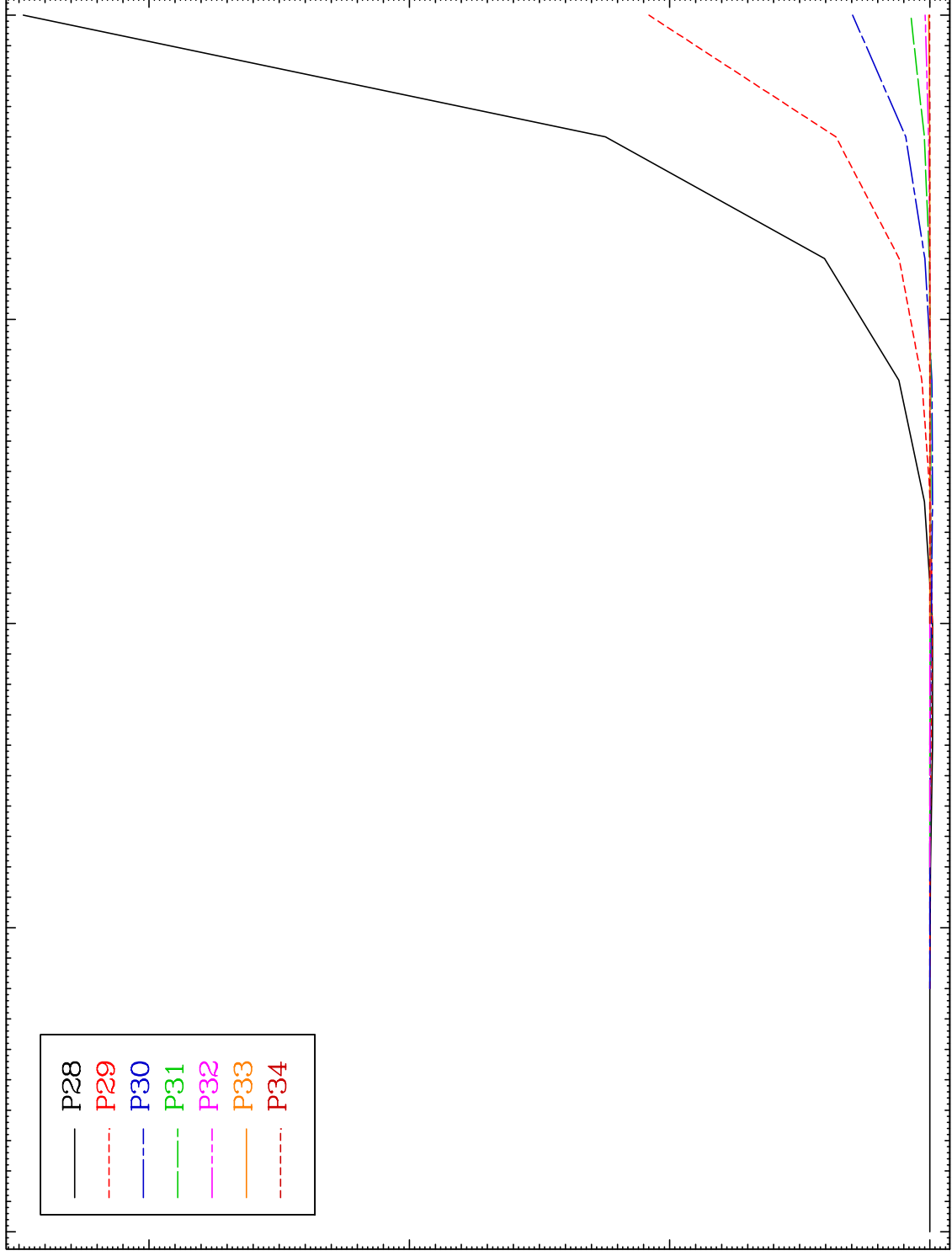
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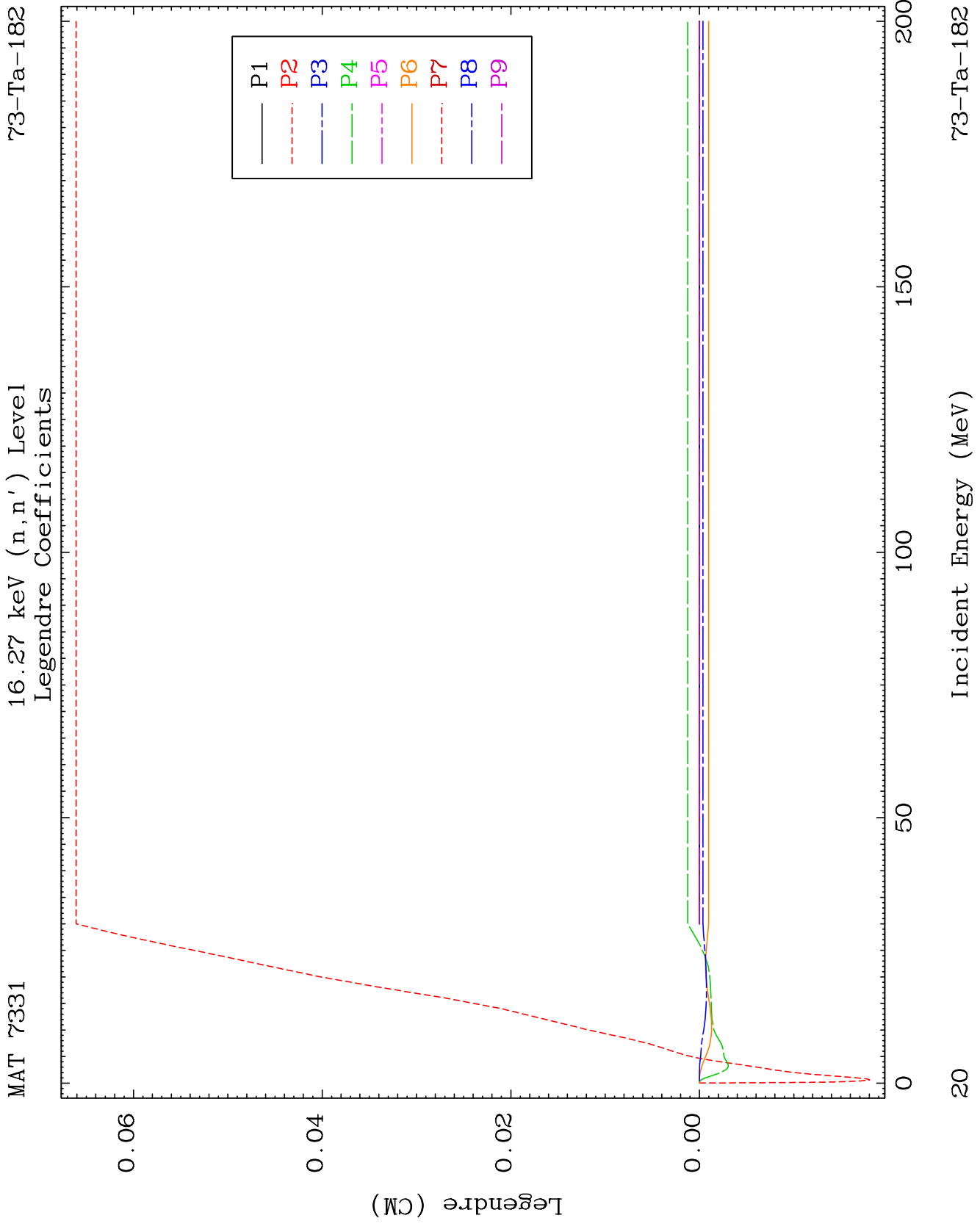
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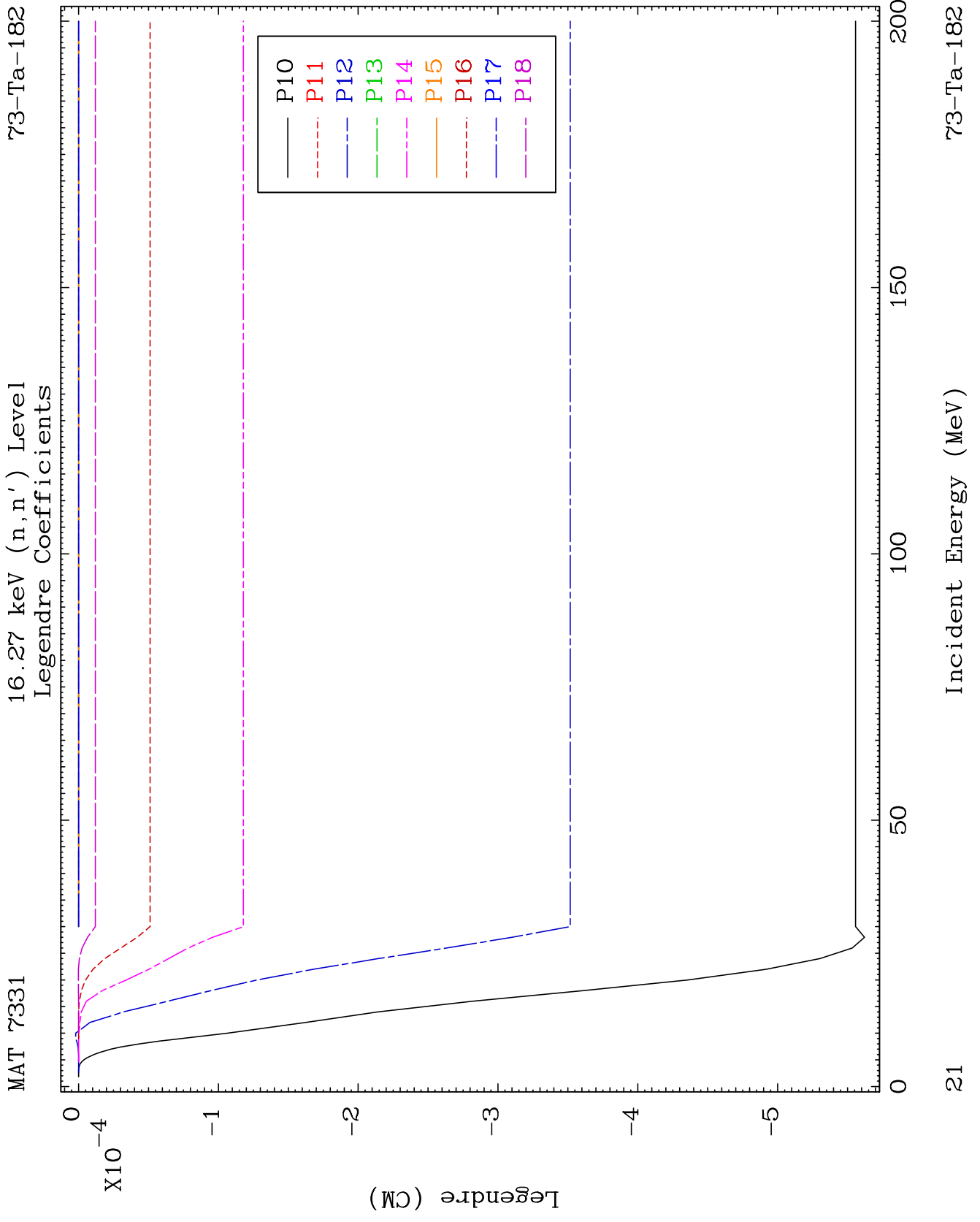
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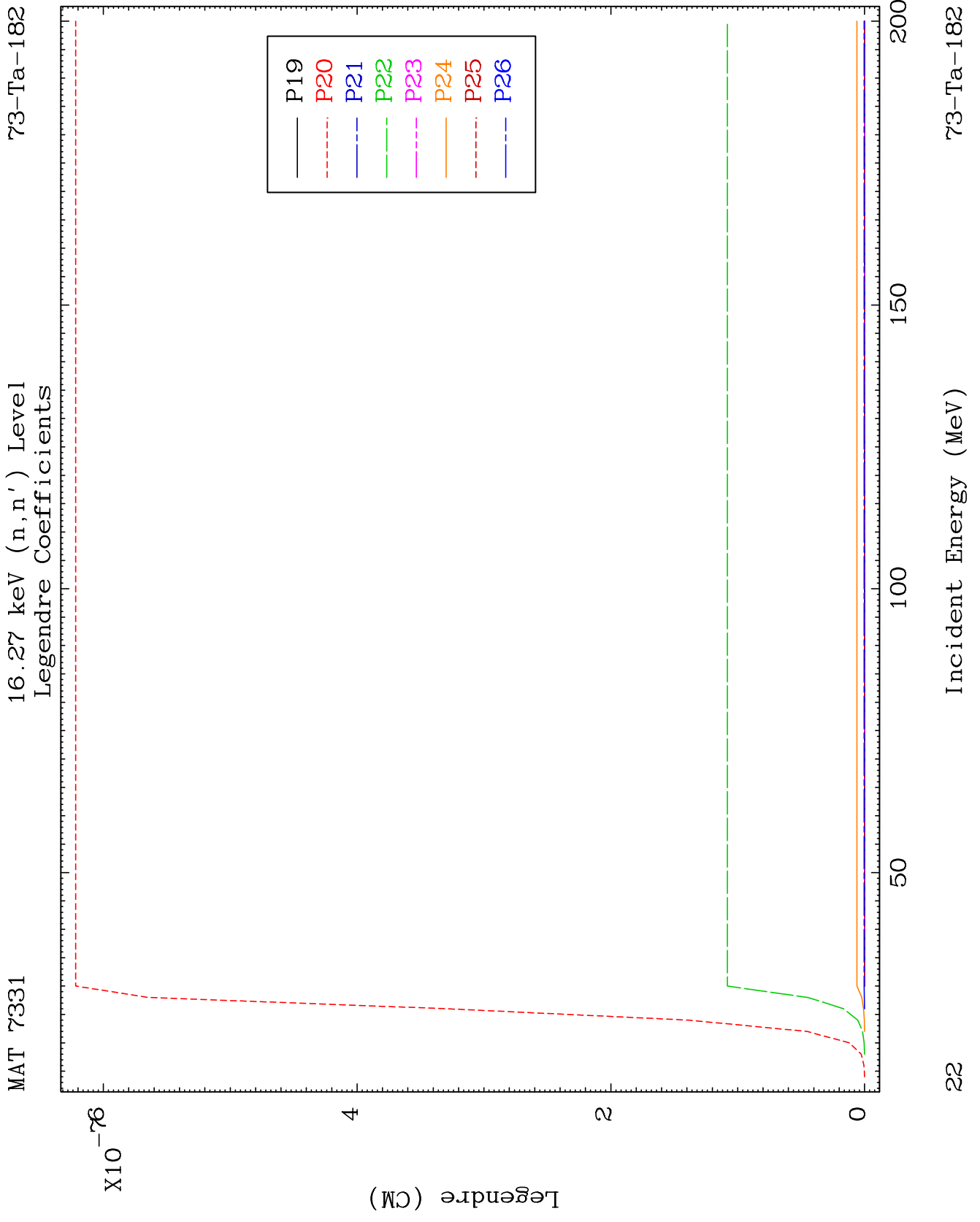
Incident Energy (MeV)

73-Ta-182



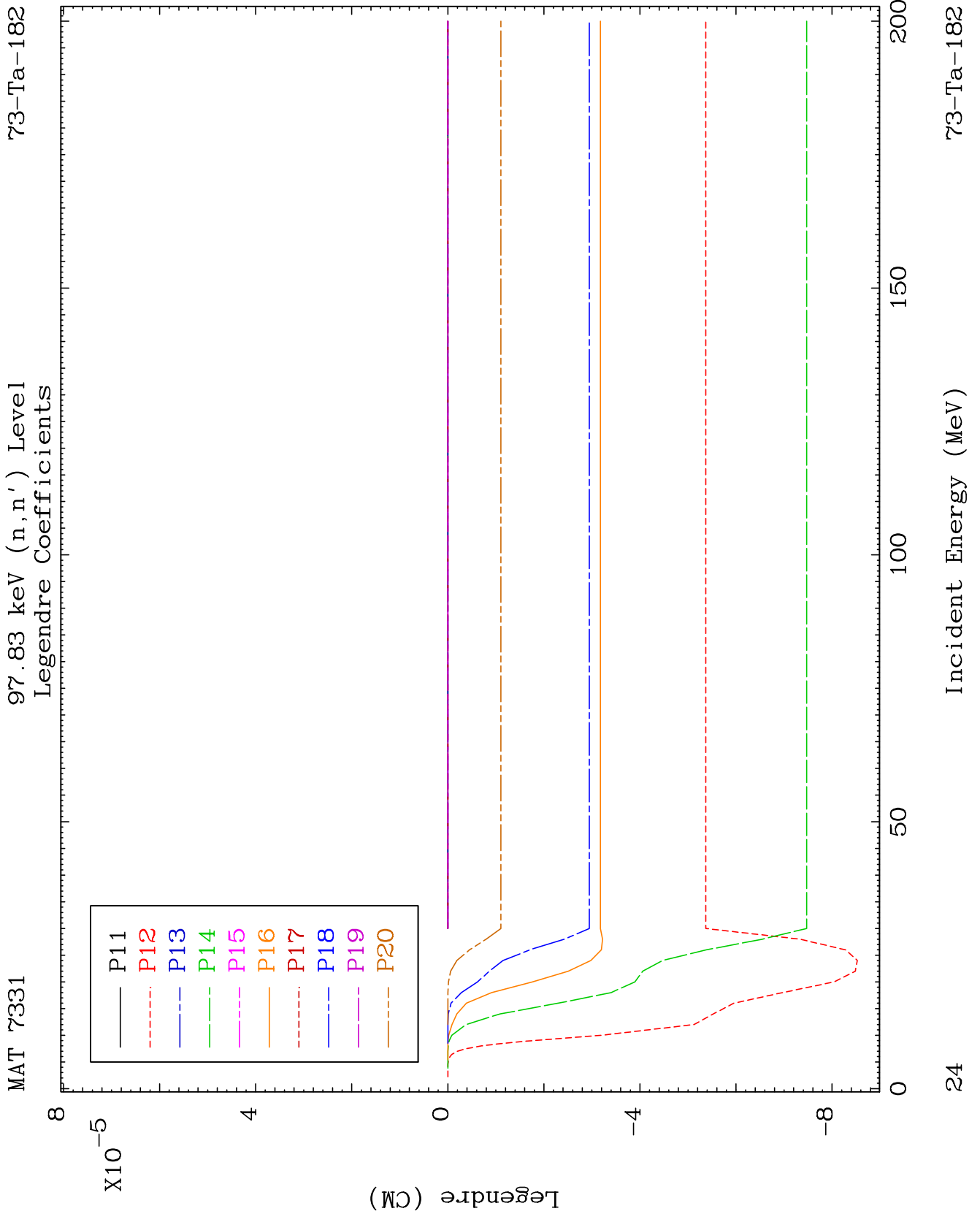




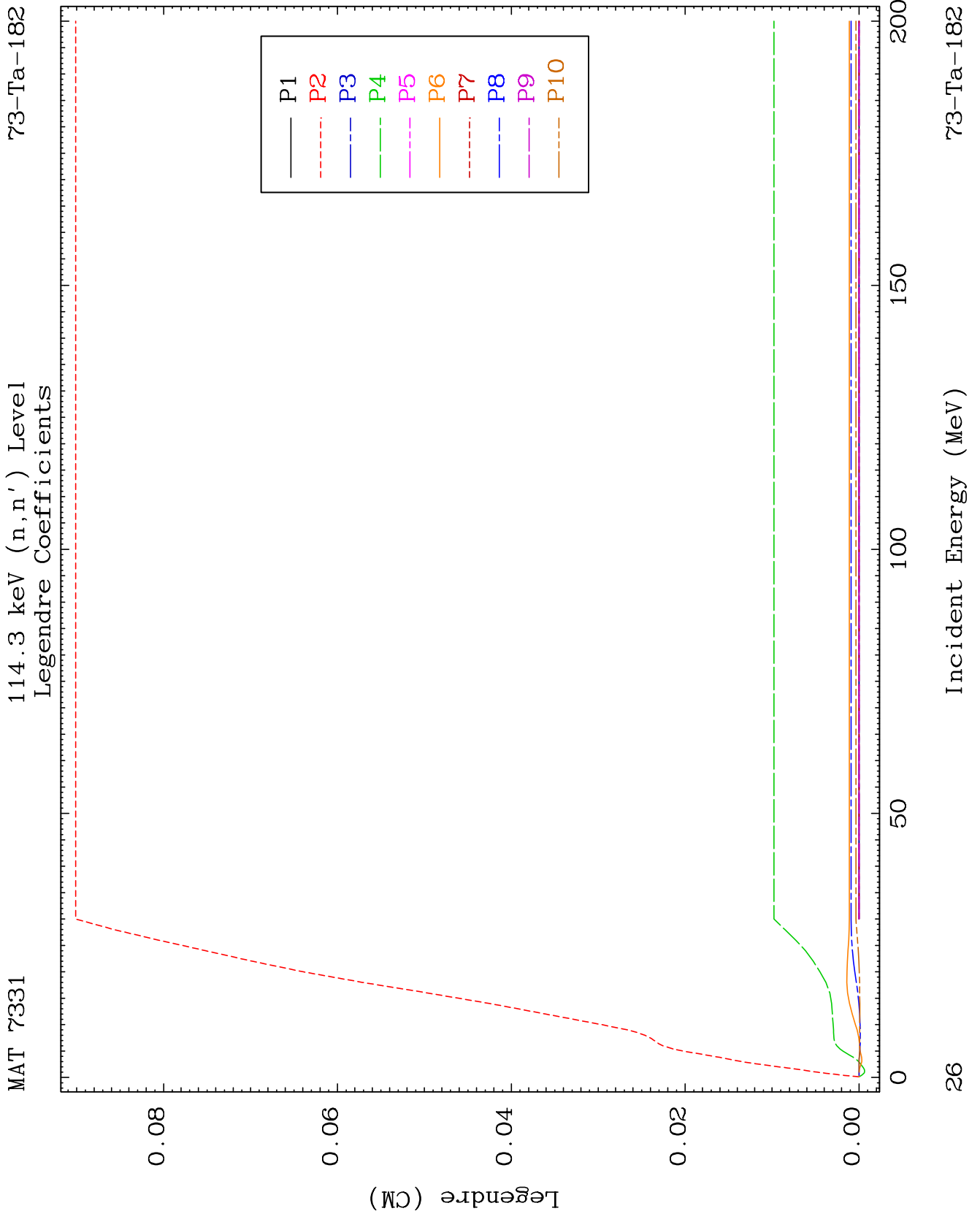


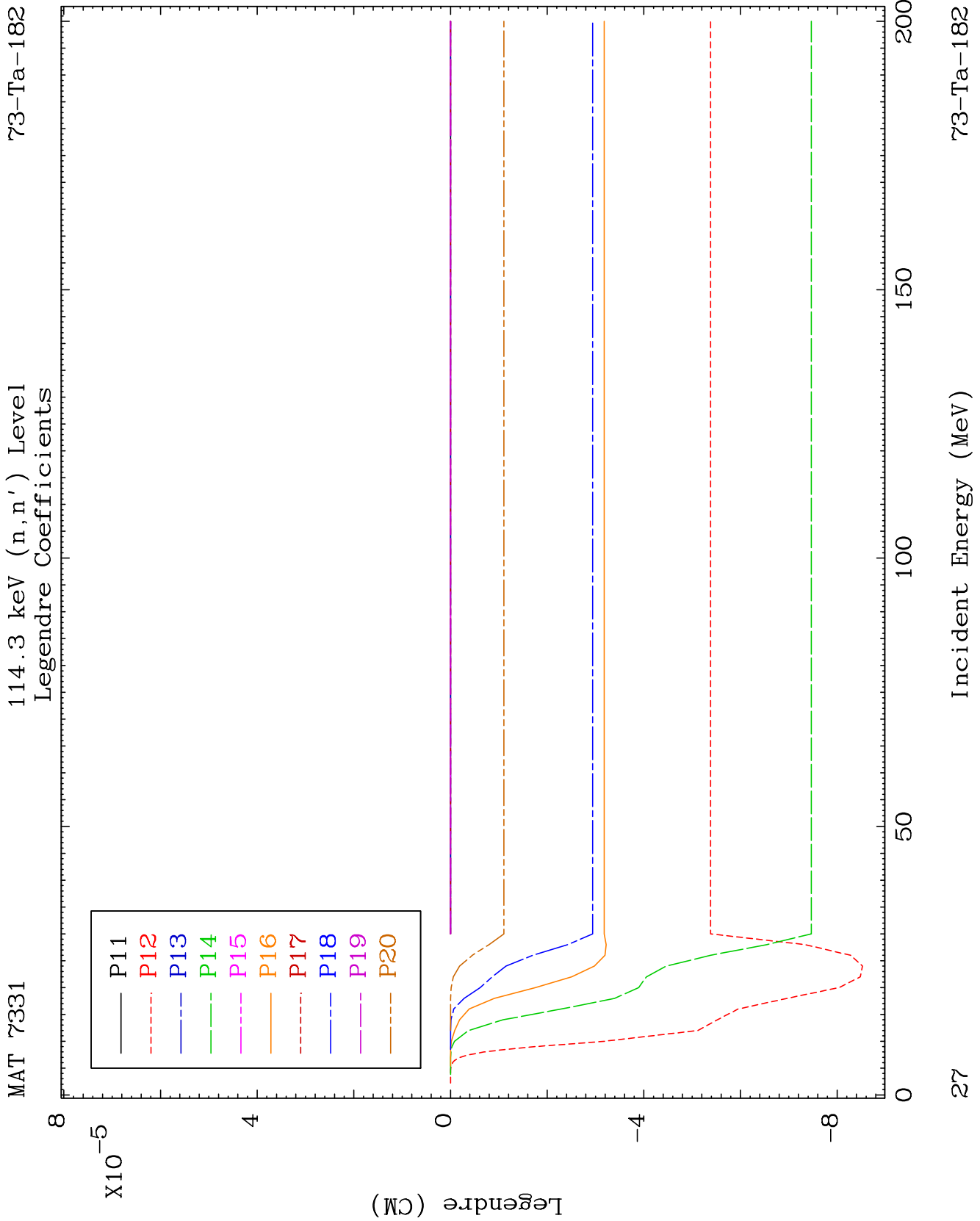


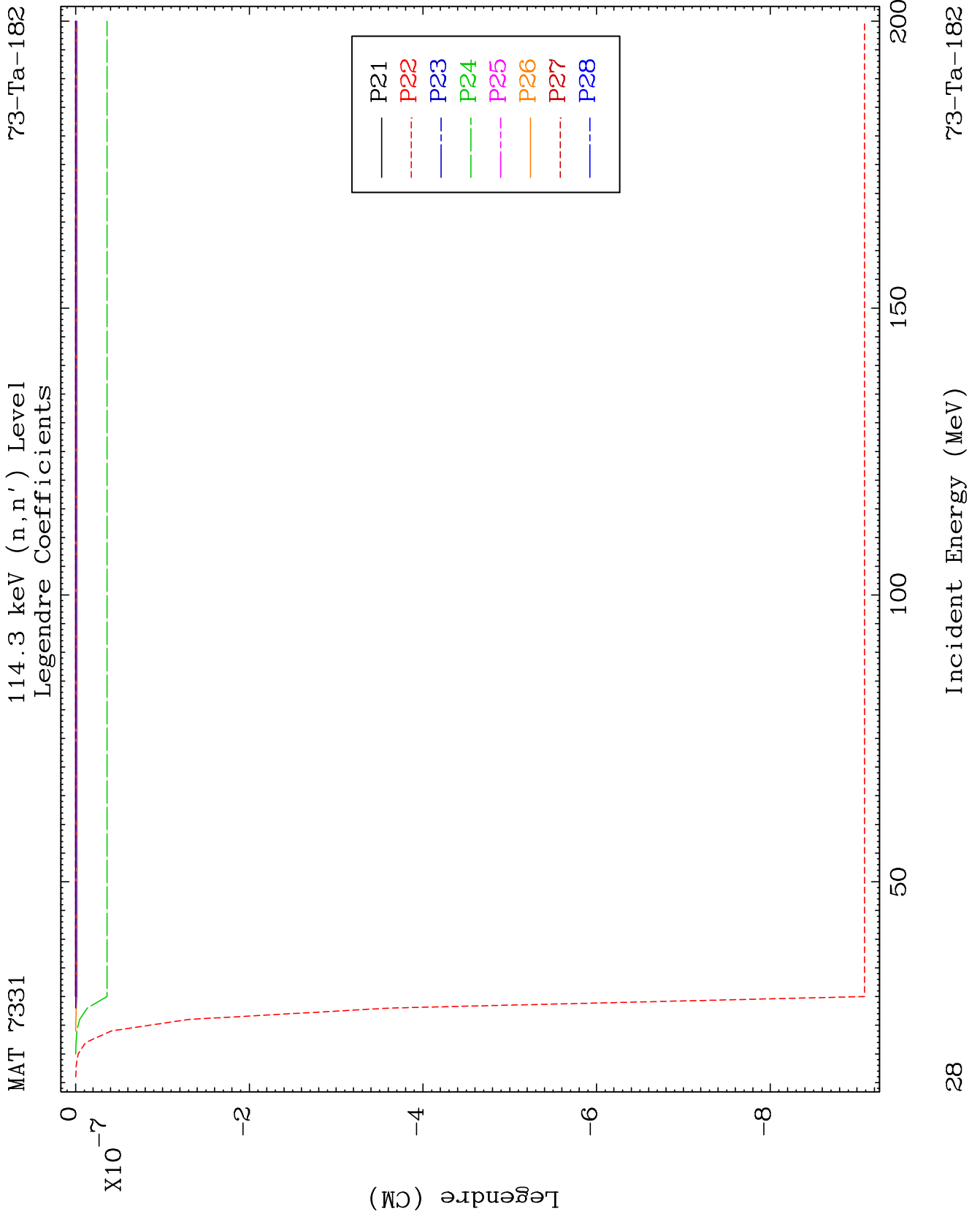


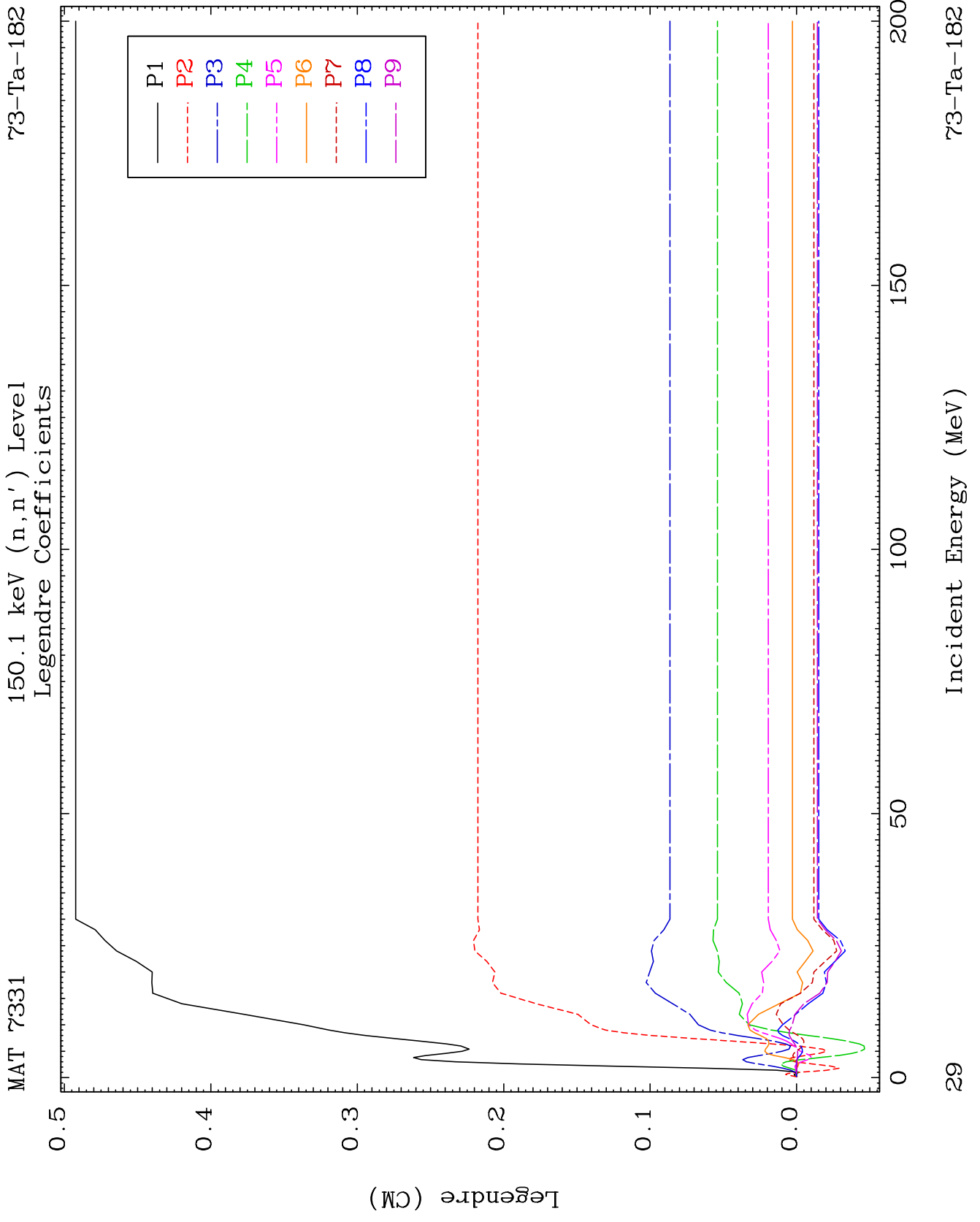


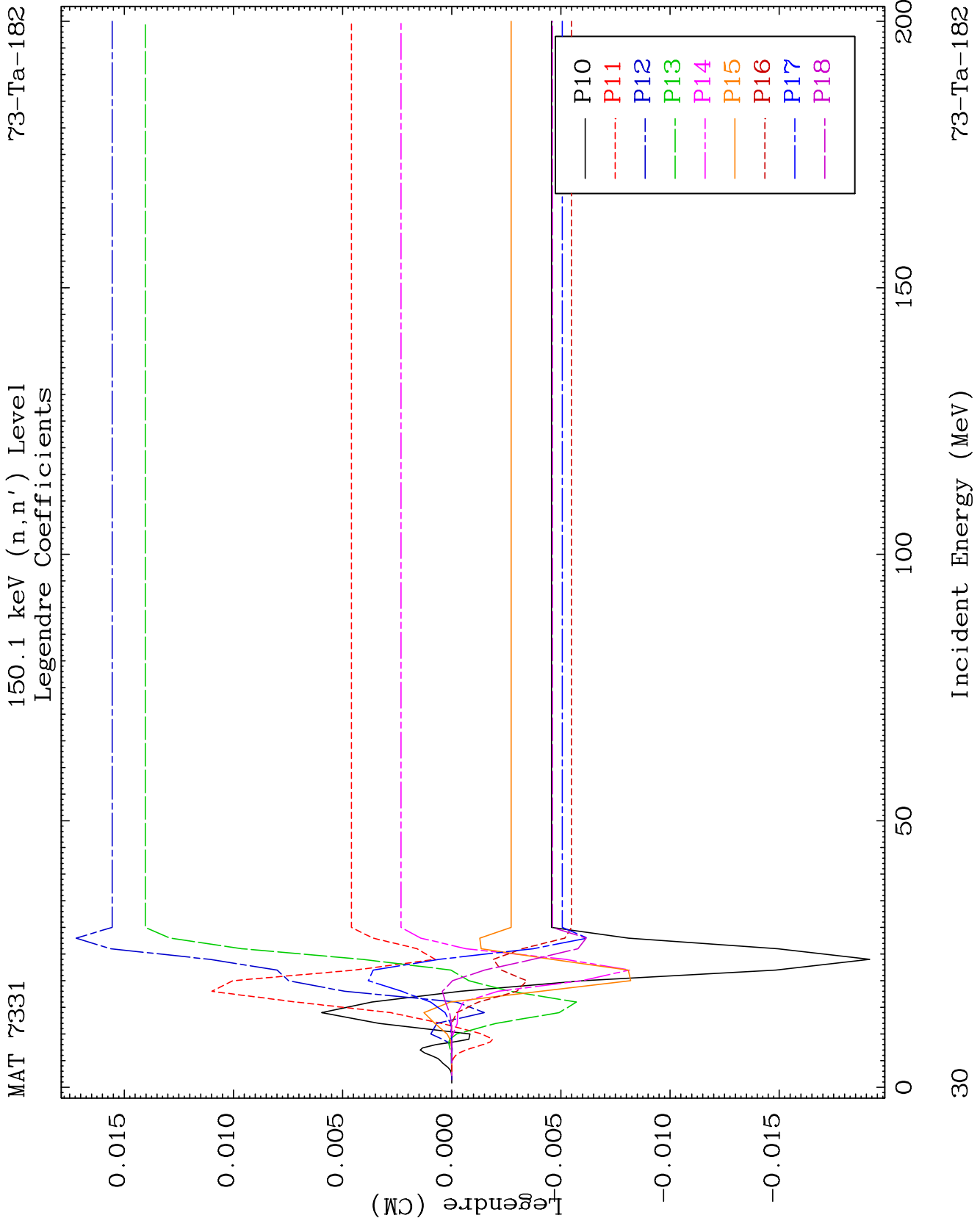








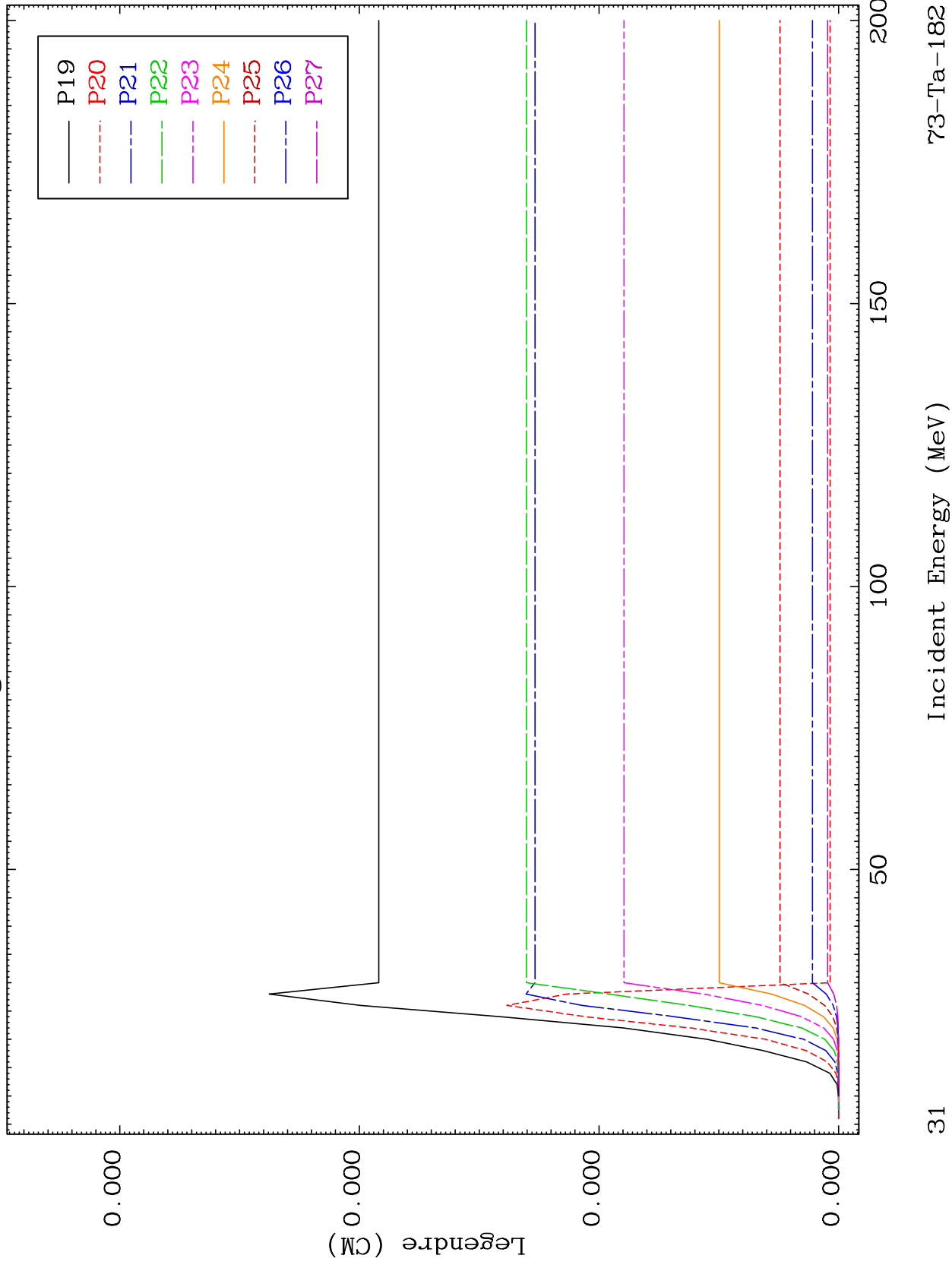




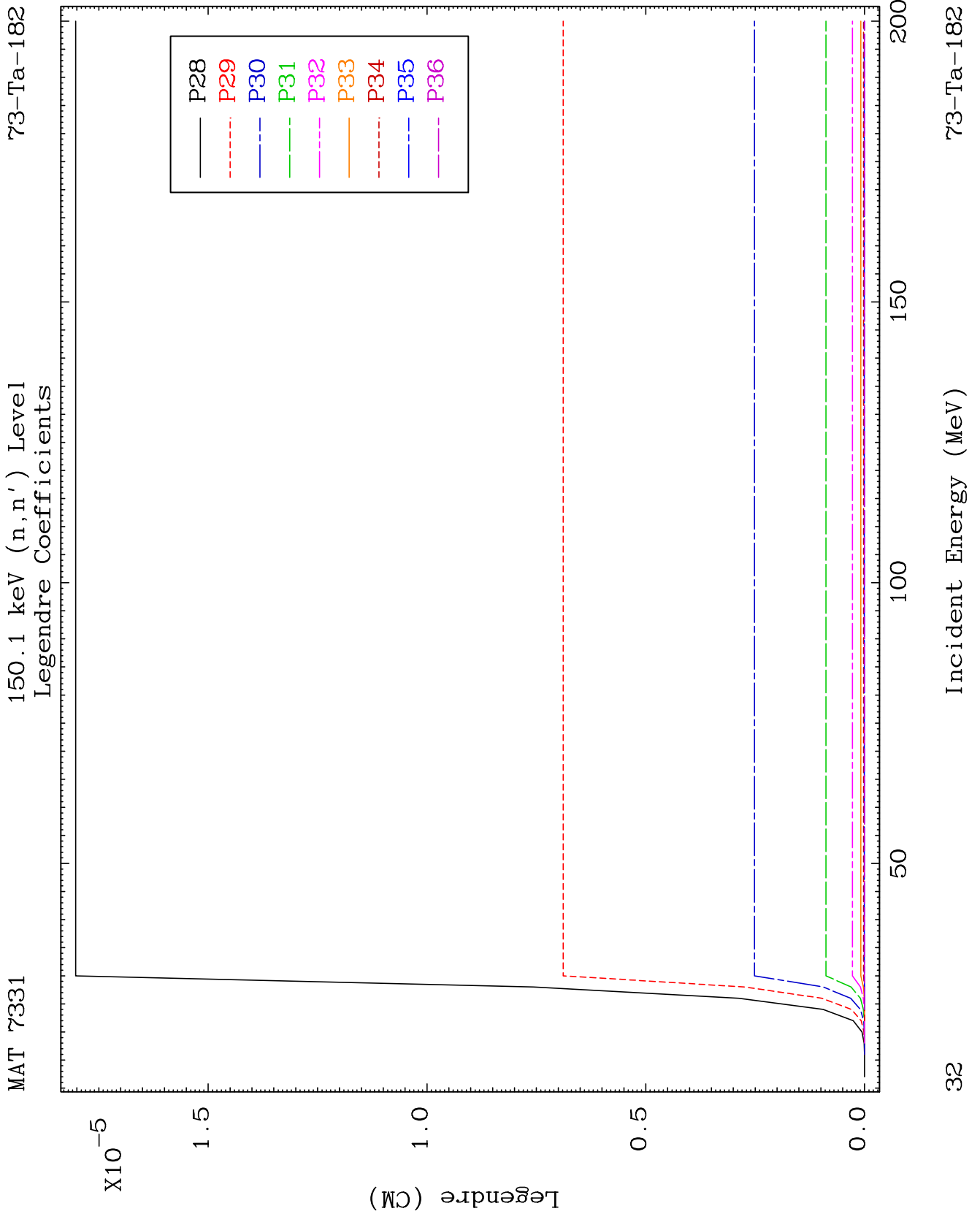
MAT 7331

150.1 keV (n,n') Level  
Legendre Coefficients

73-Ta-182



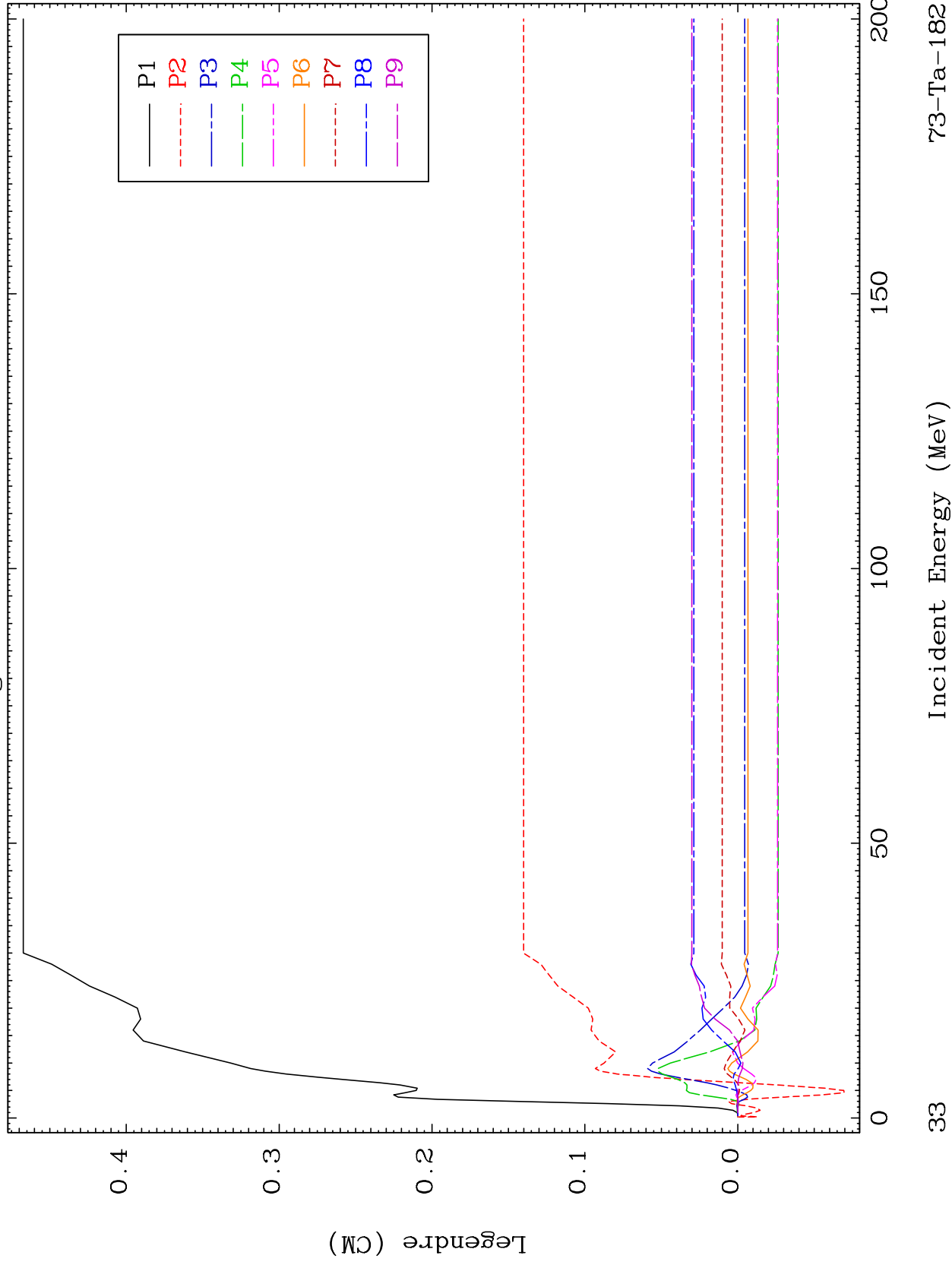




MAT 7331

163.0 keV (n,n') Level  
Legendre Coefficients

73-Ta-182

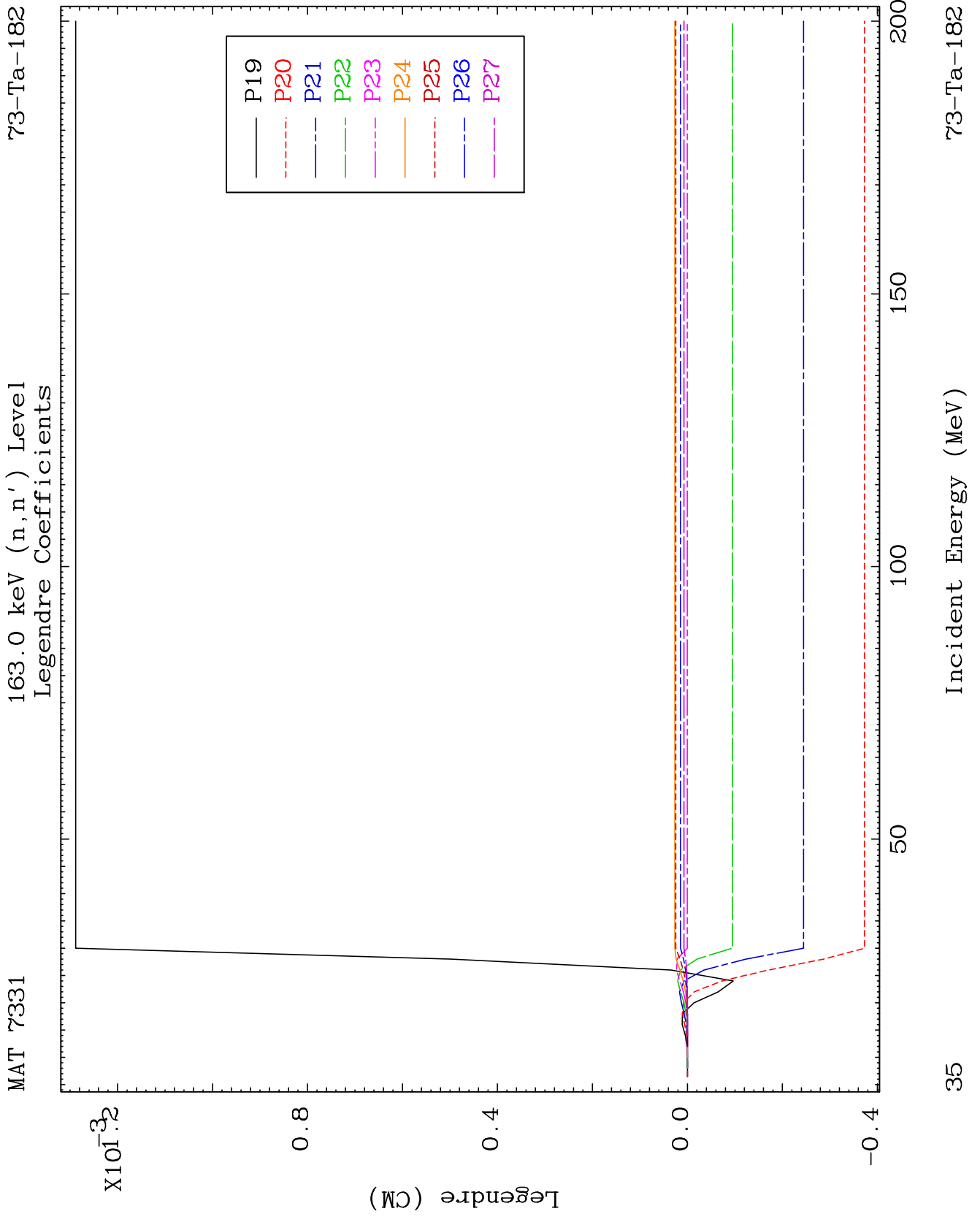


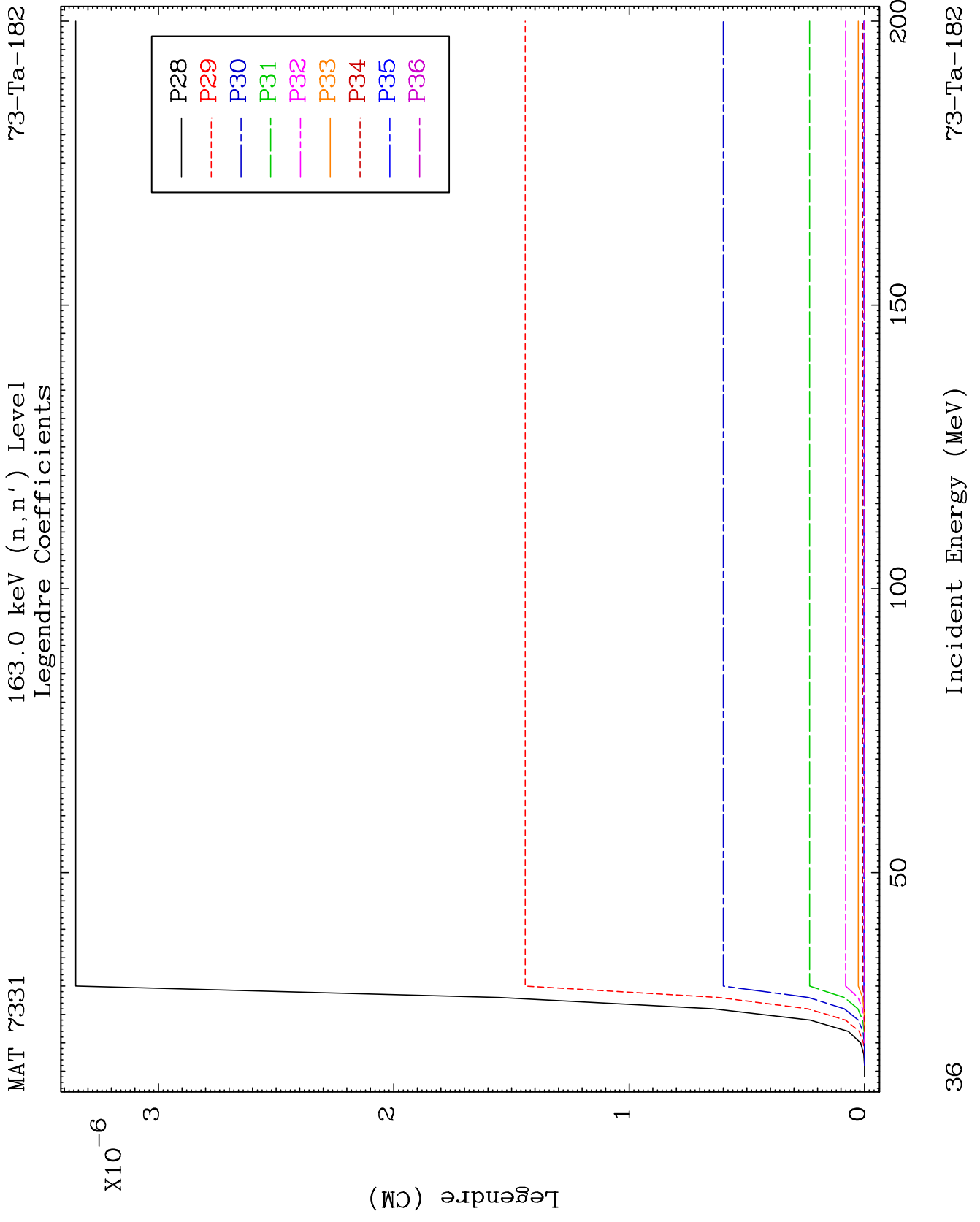
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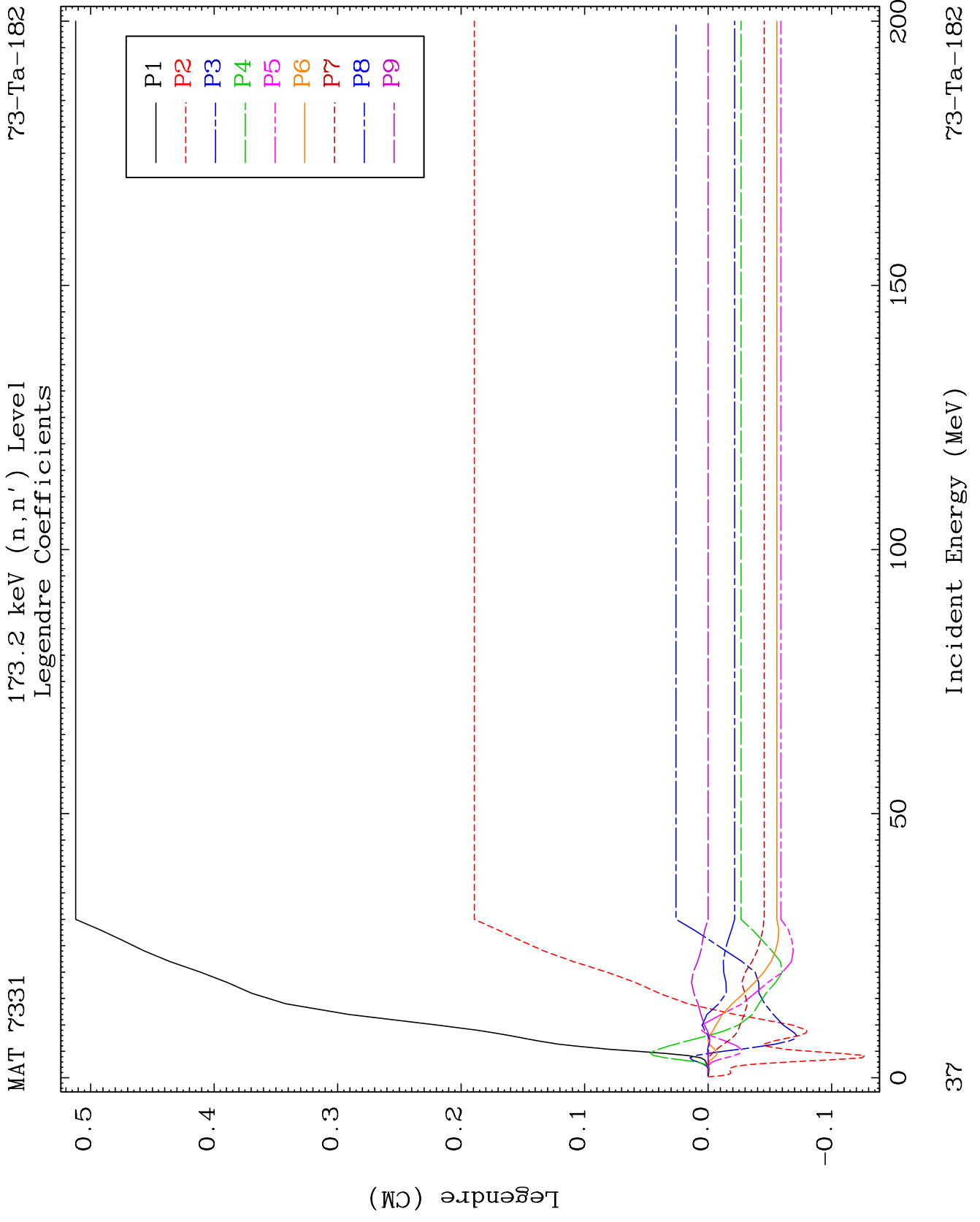
Incident Energy (MeV)

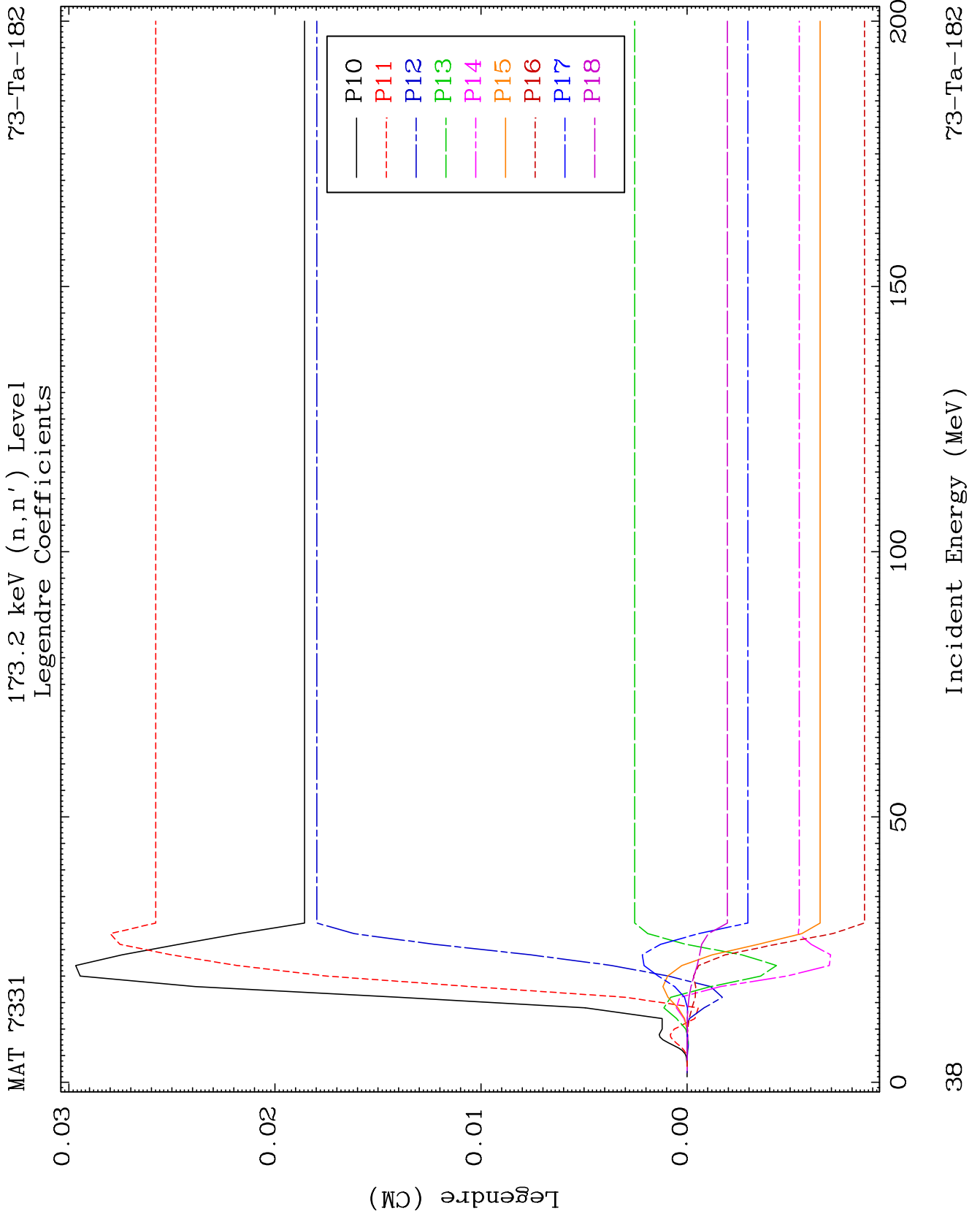
73-Ta-182

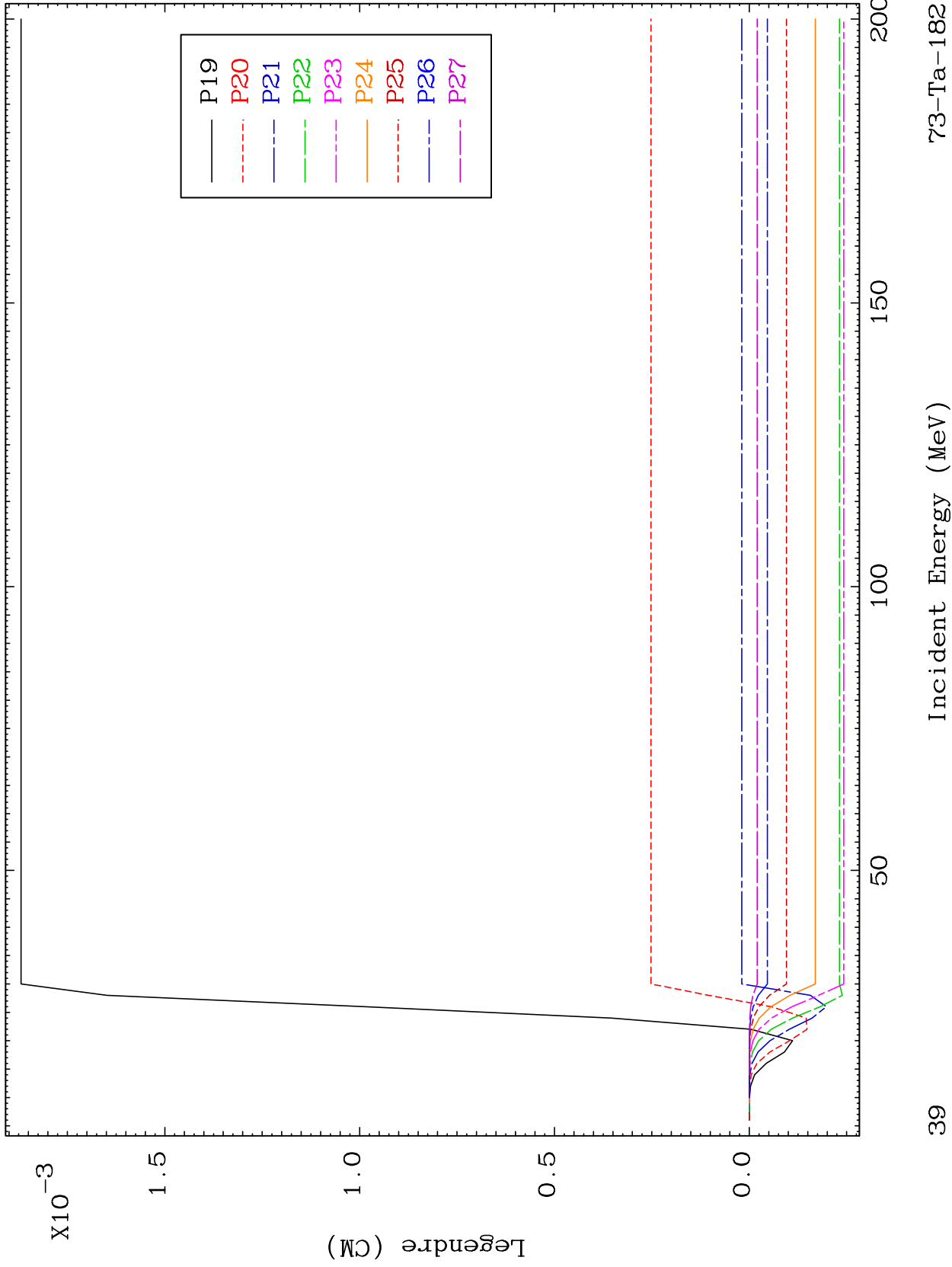












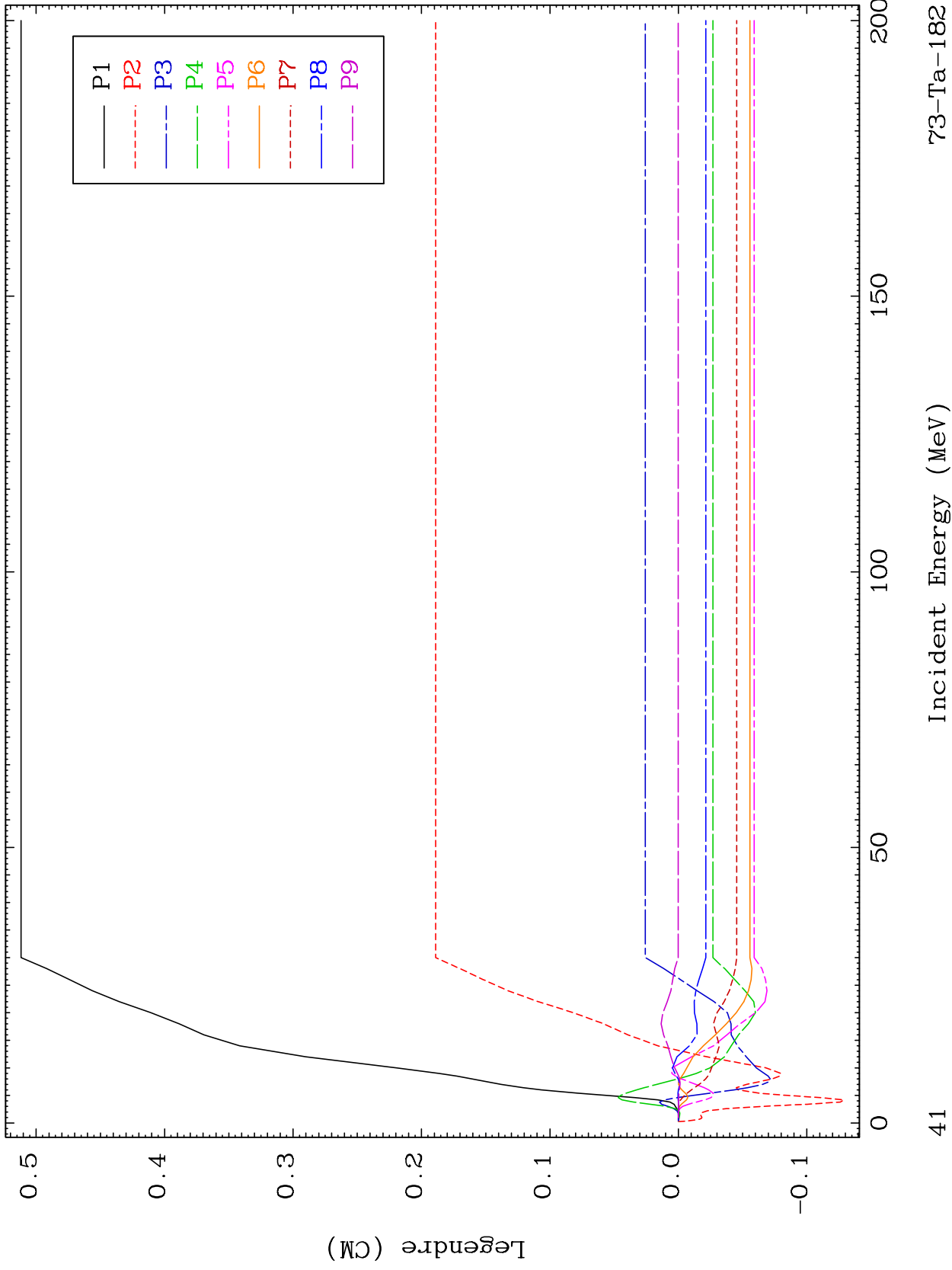




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237.3 keV (n,n') Level  
Legendre Coefficients

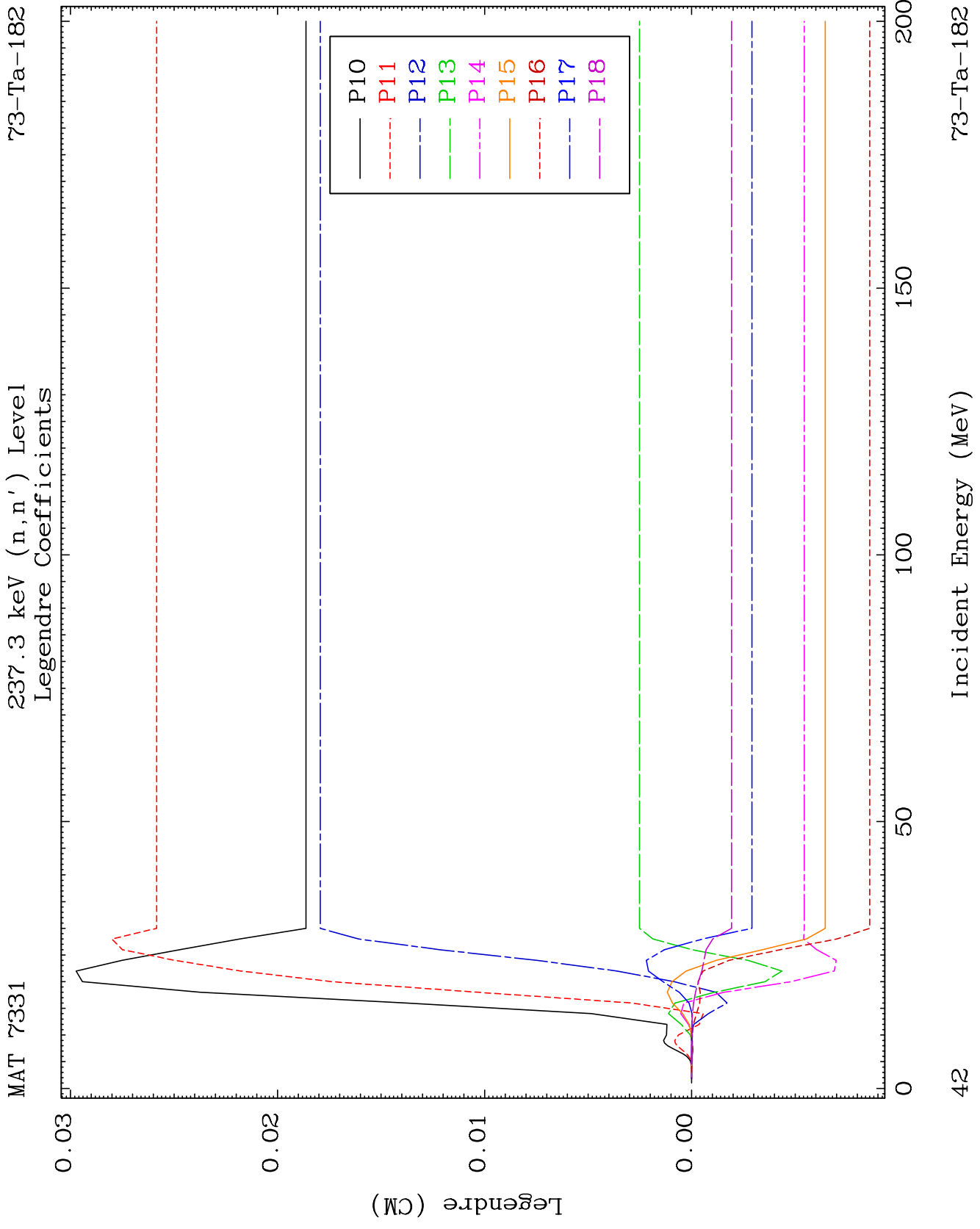
73-Ta-182



73-Ta-182

Incident Energy (MeV)

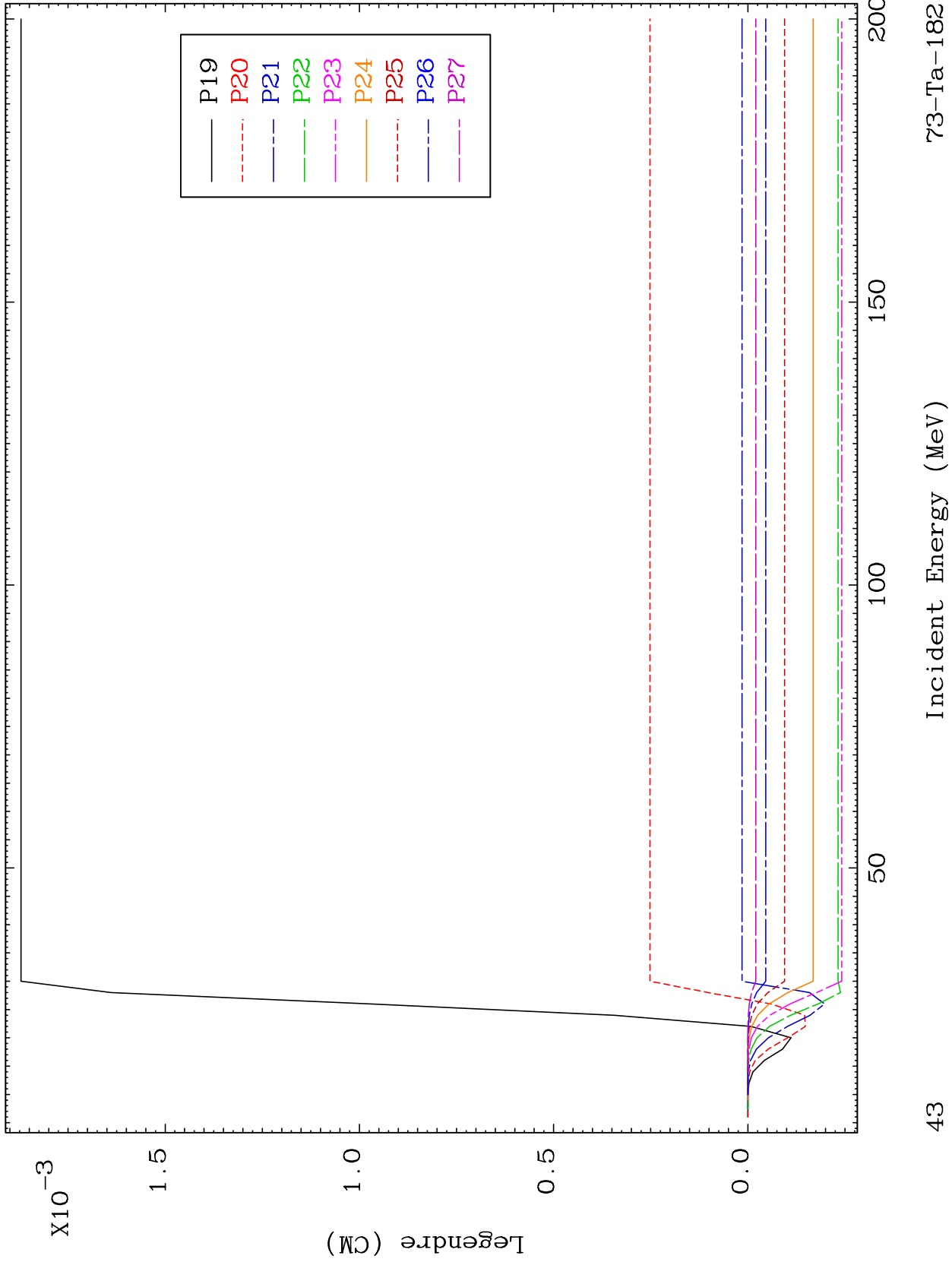
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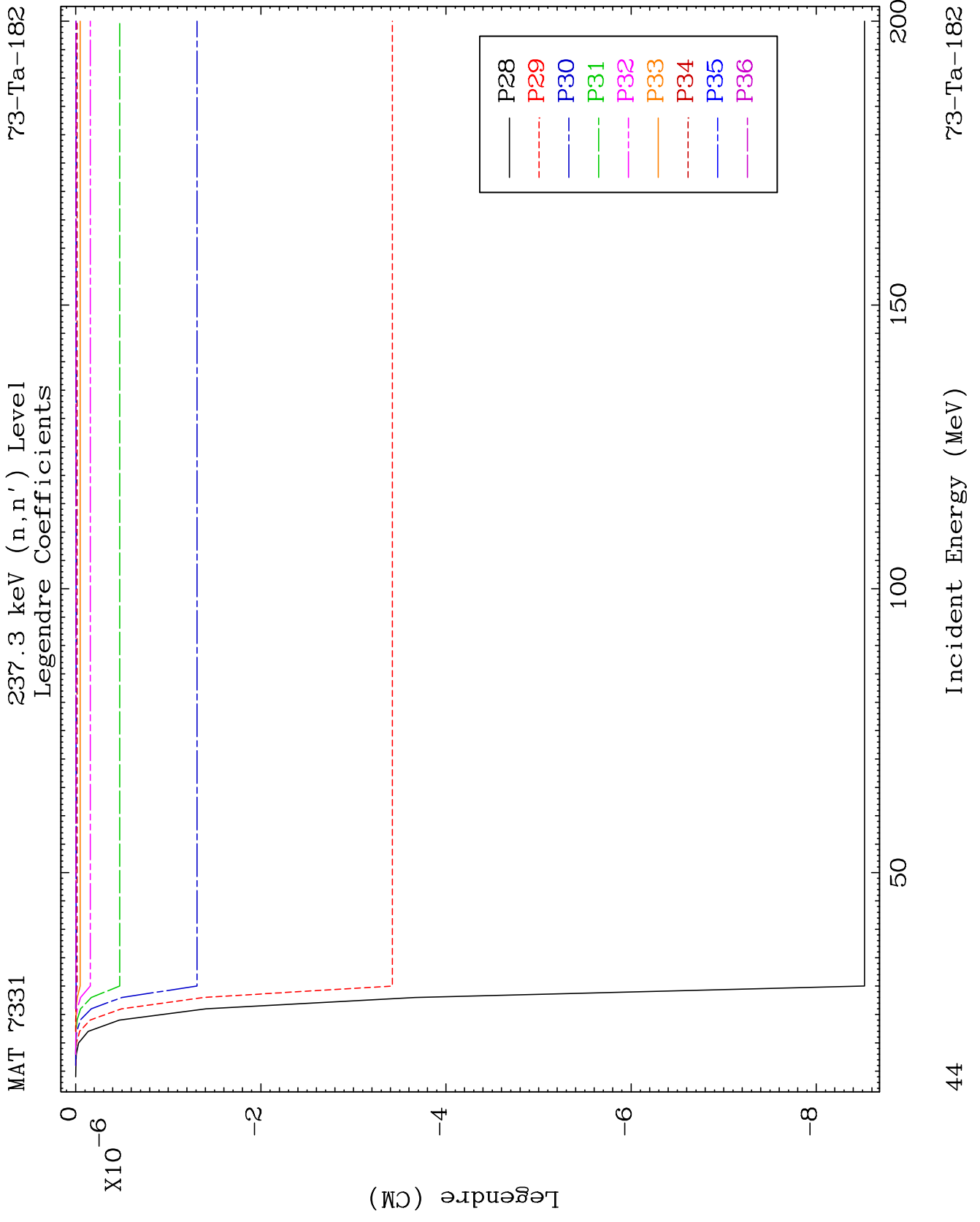


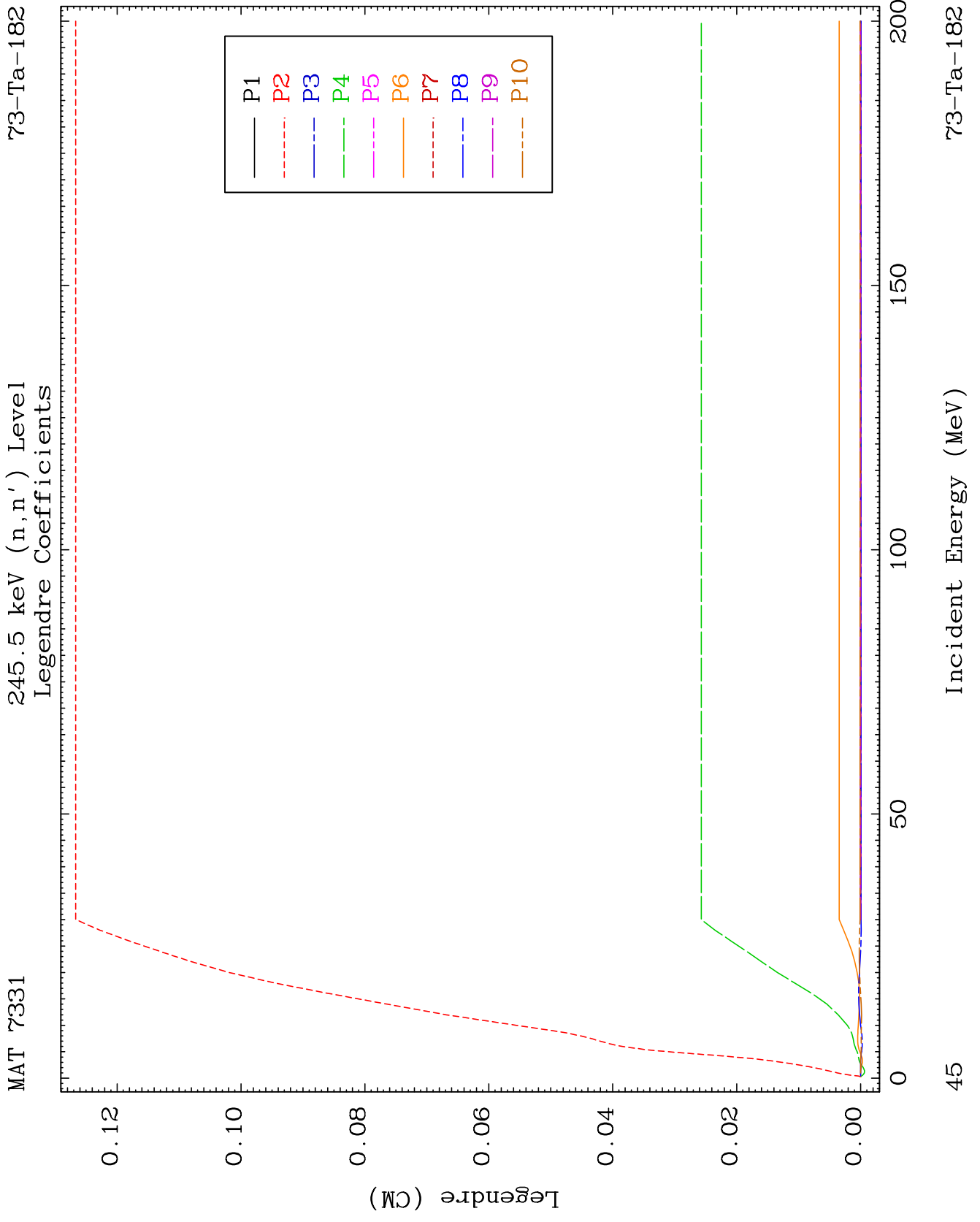
MAT 7331

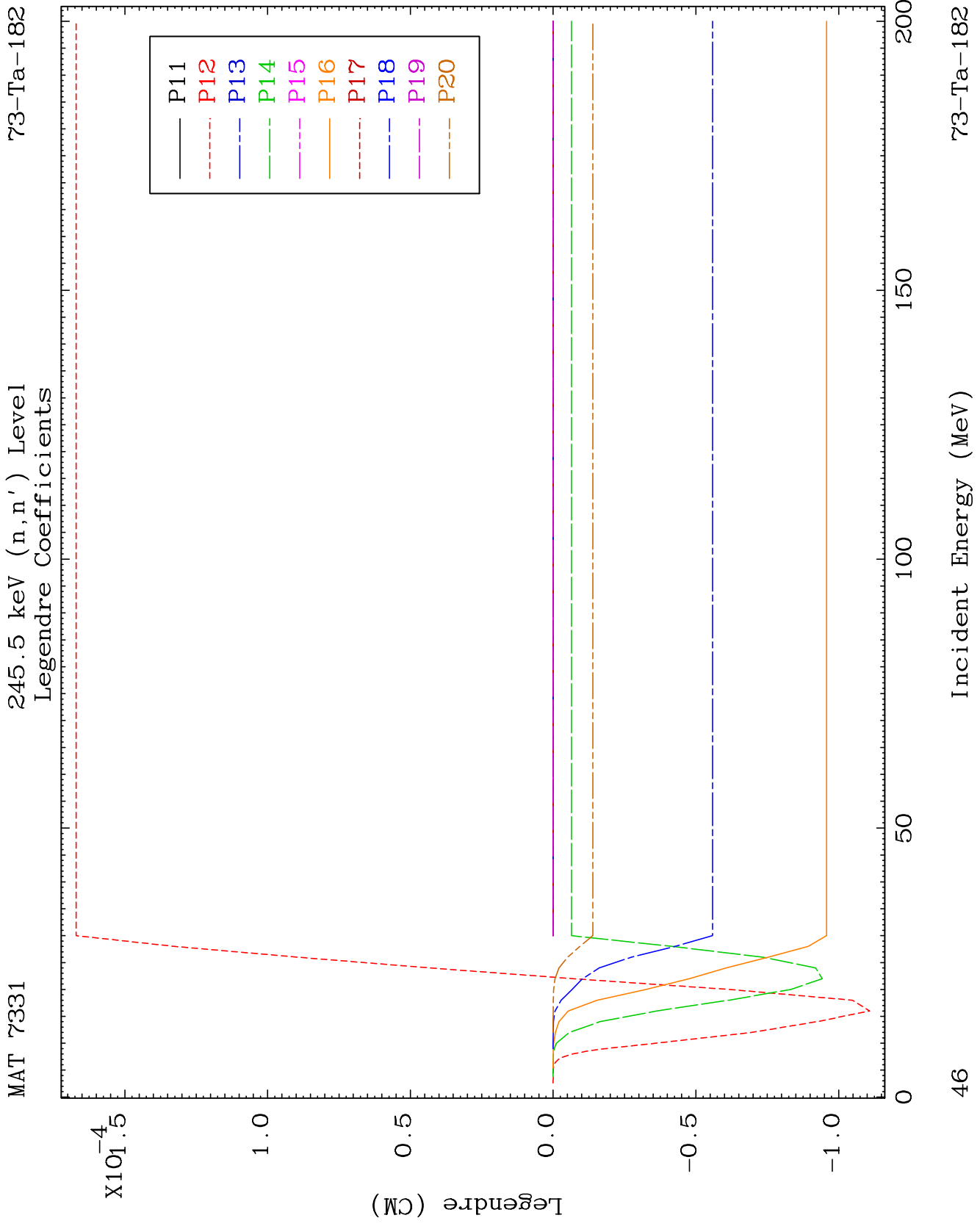
237.3 keV (n,n') Level  
Legendre Coefficients

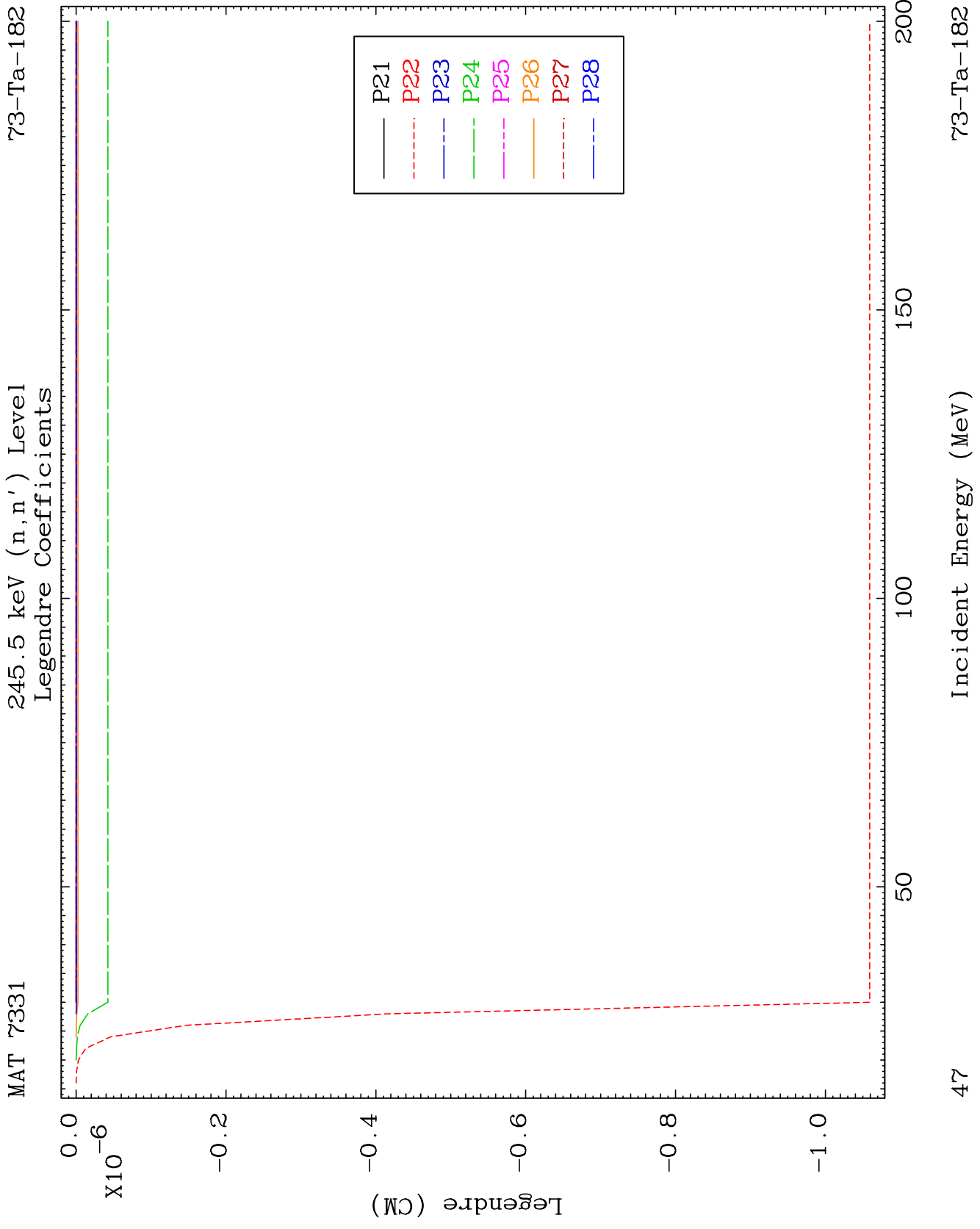
73-Ta-182











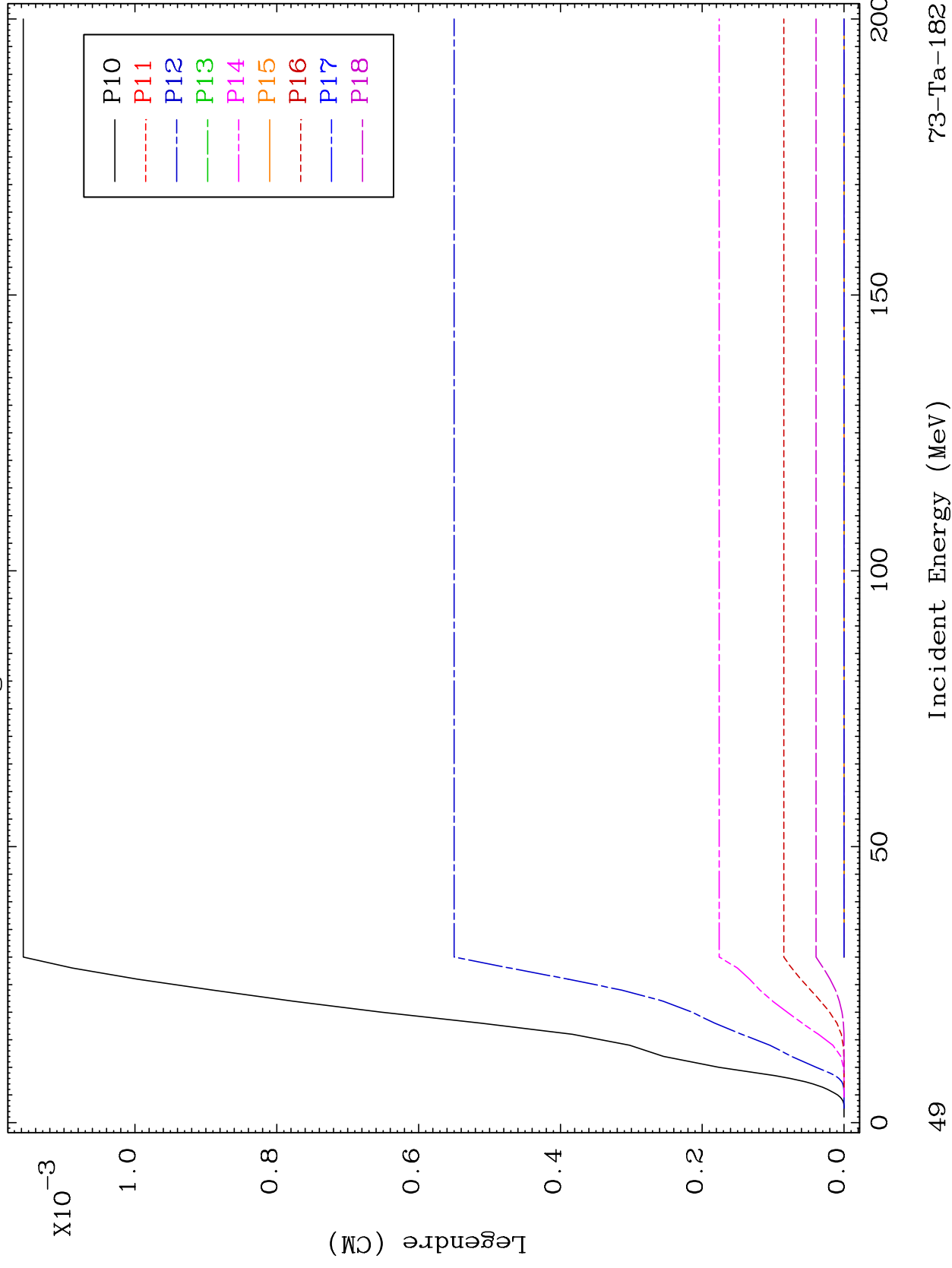




MAT 7331

250.0 keV (n,n') Level  
Legendre Coefficients

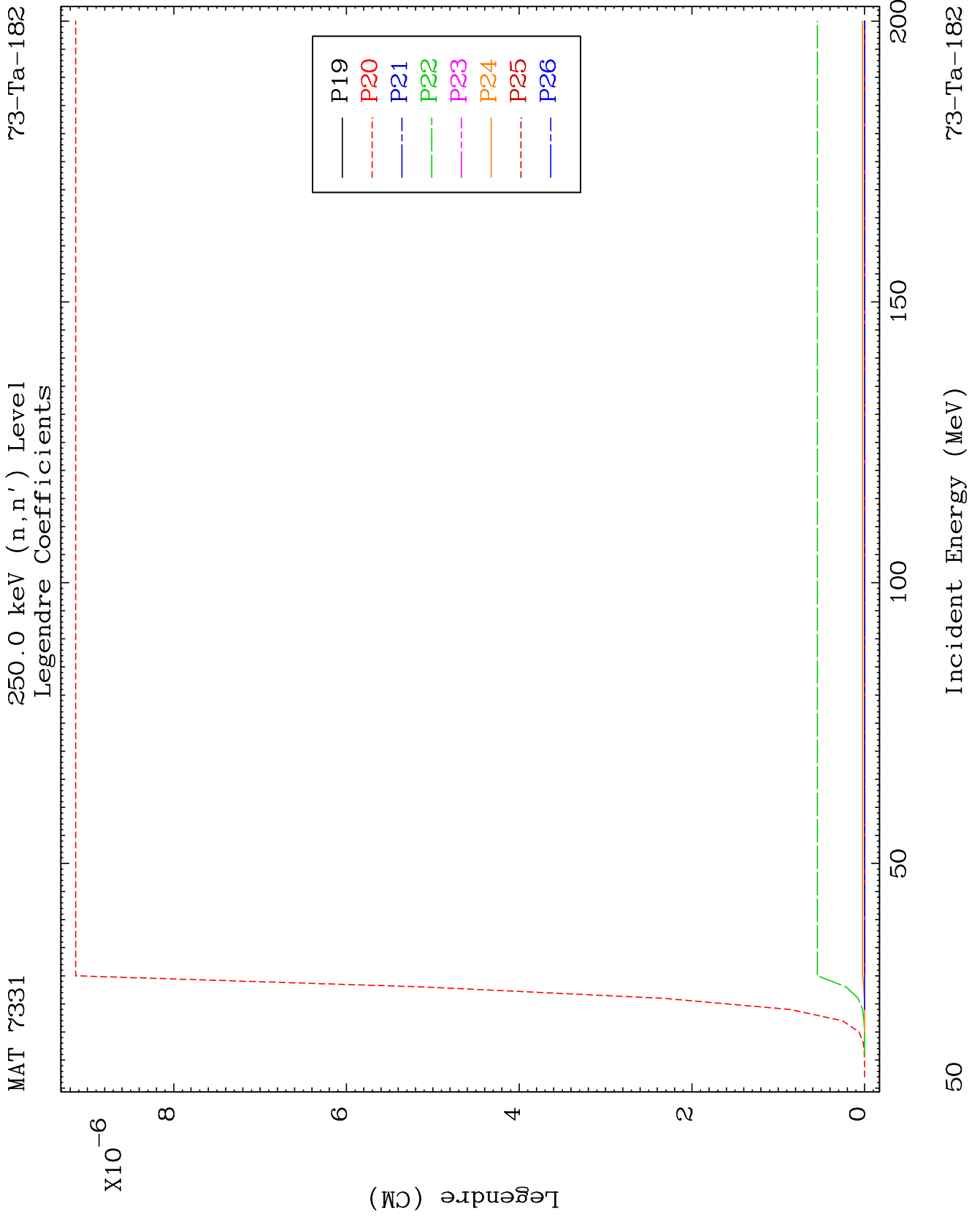
73-Ta-182



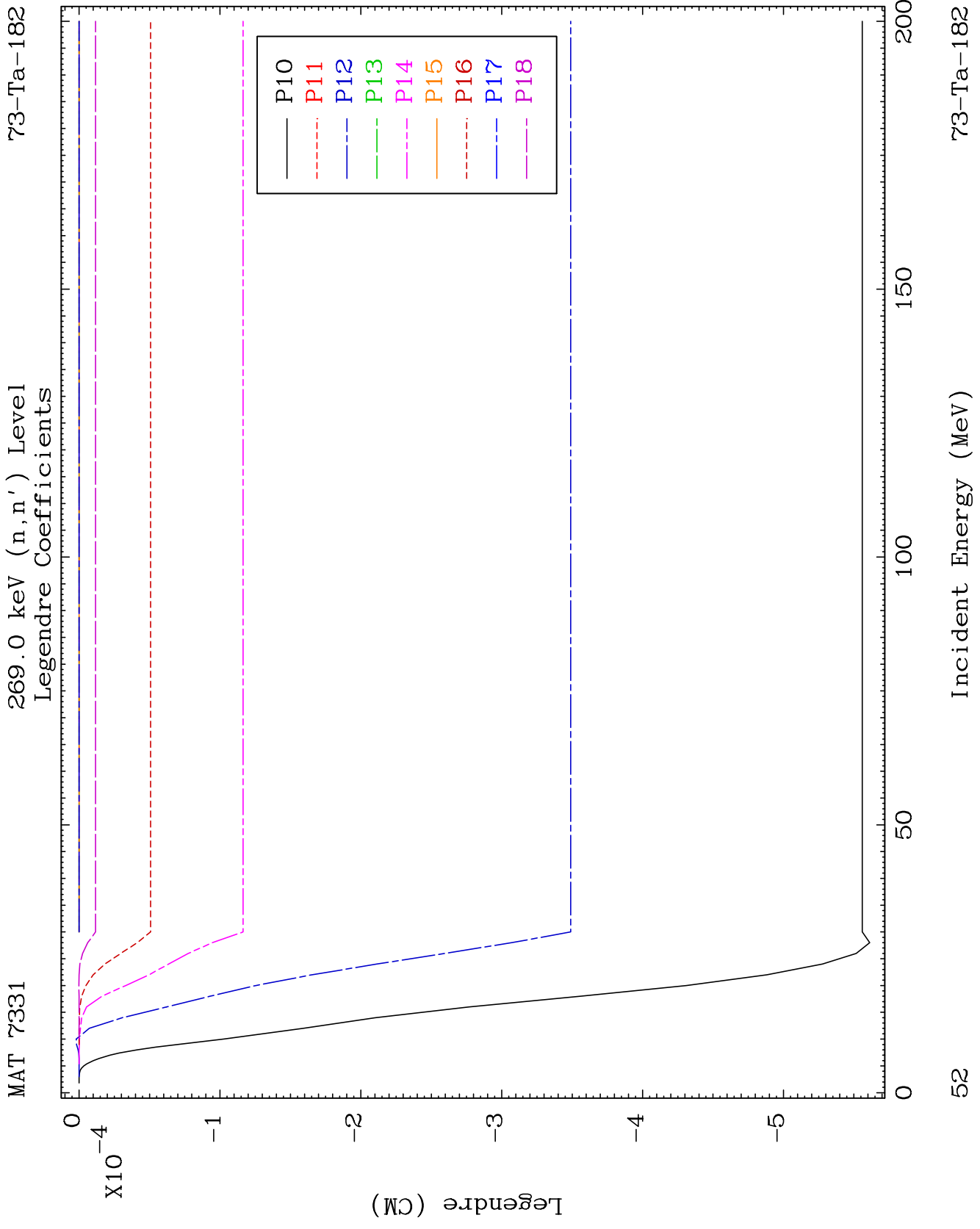
49

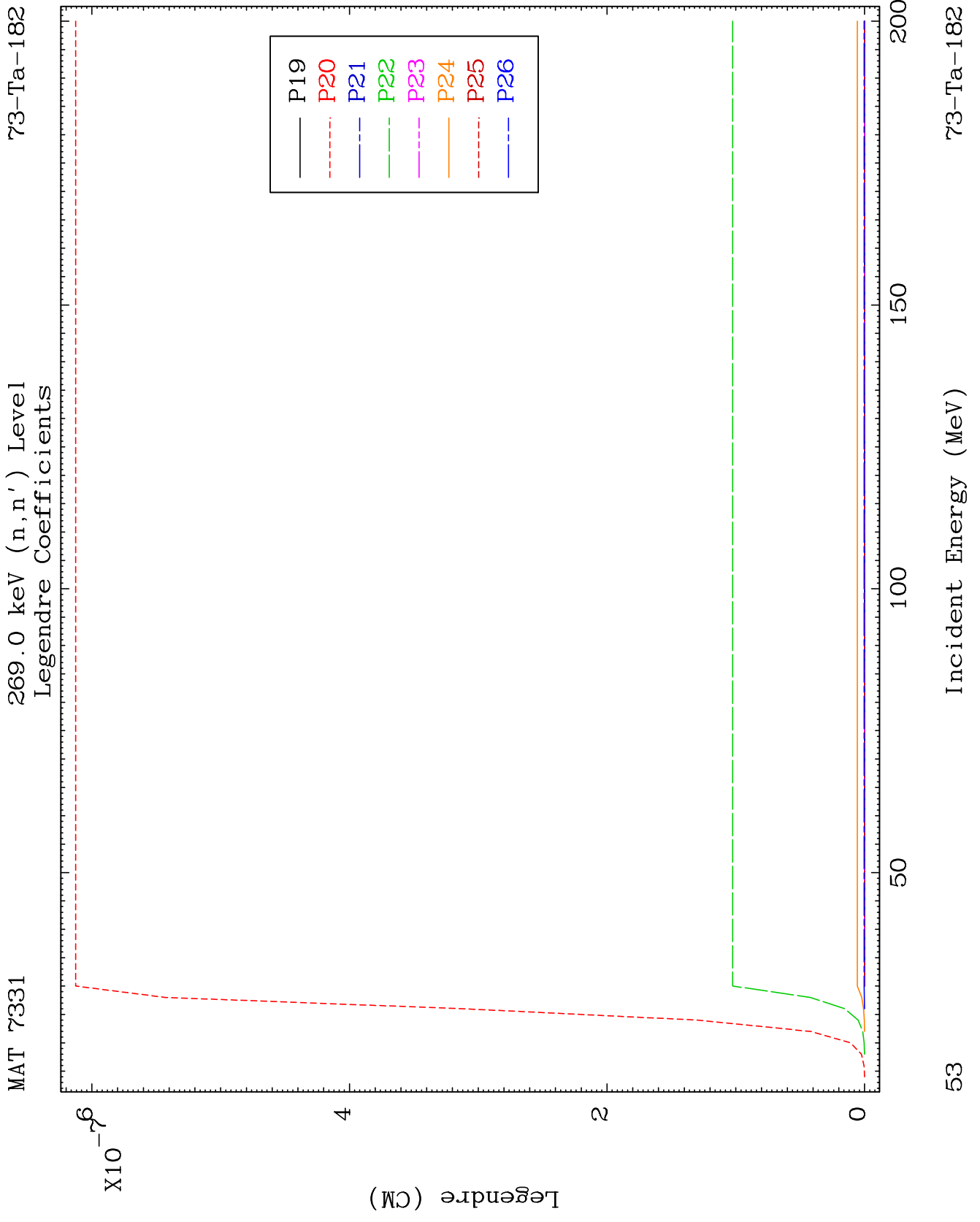
Incident Energy (MeV)

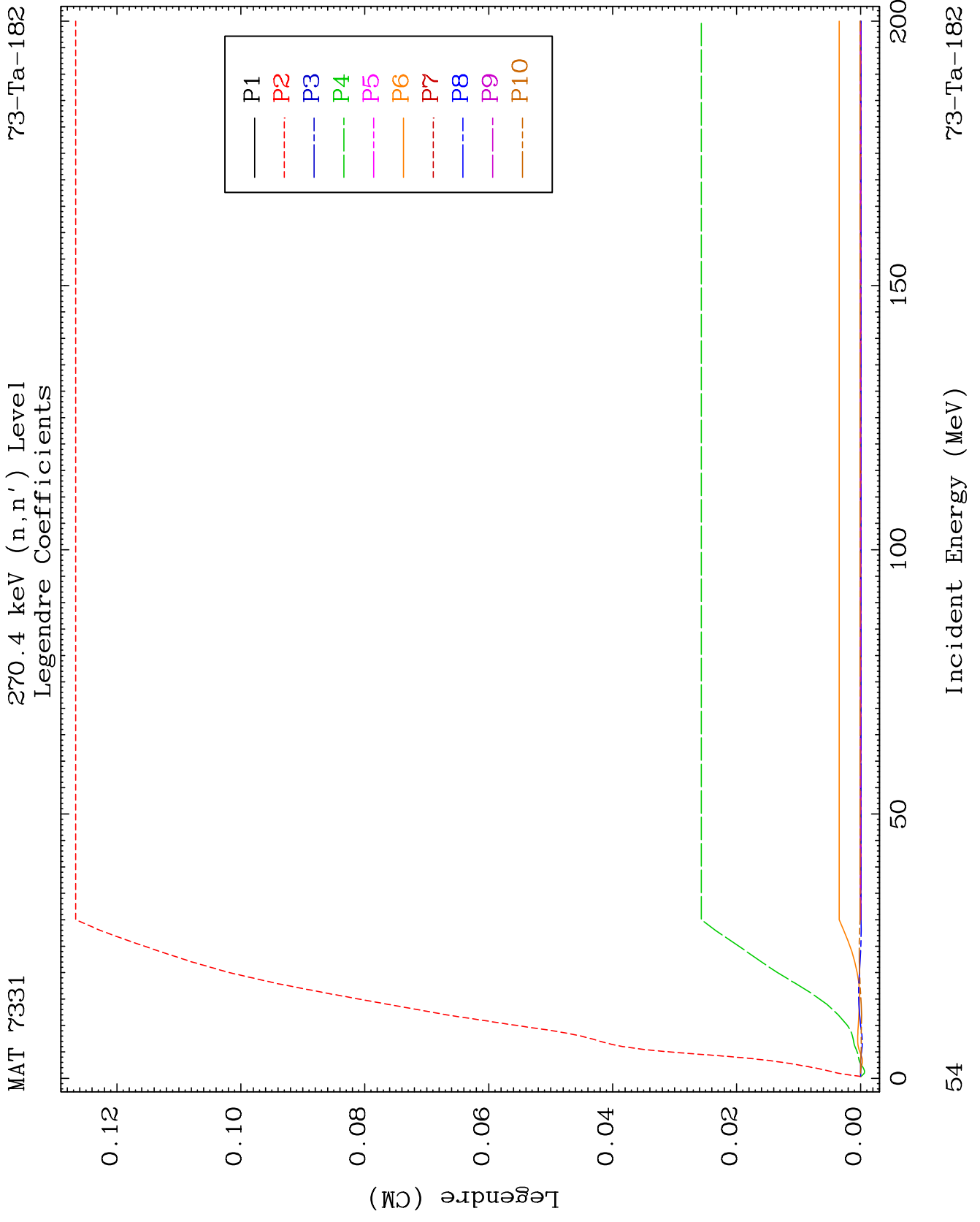
73-Ta-182

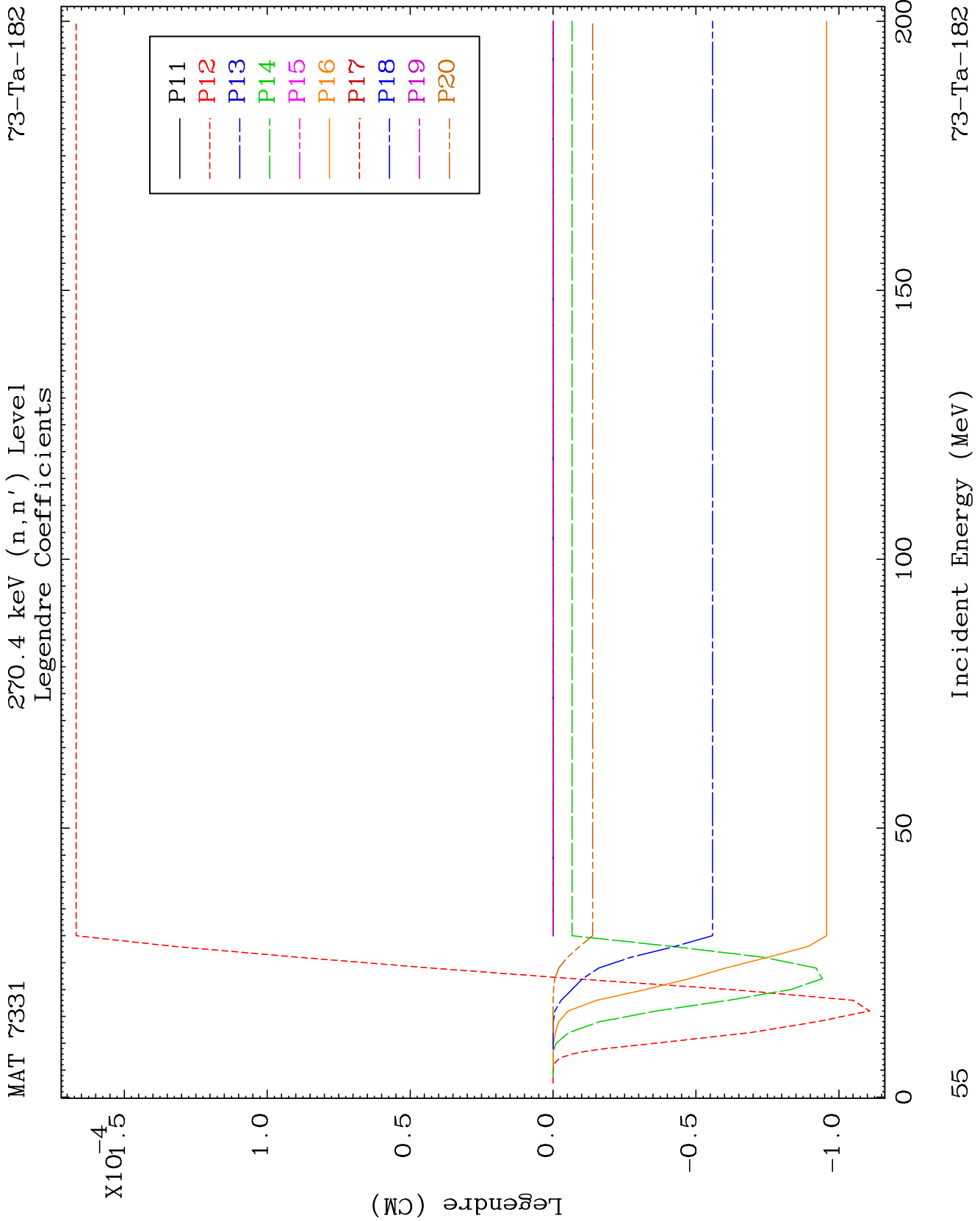




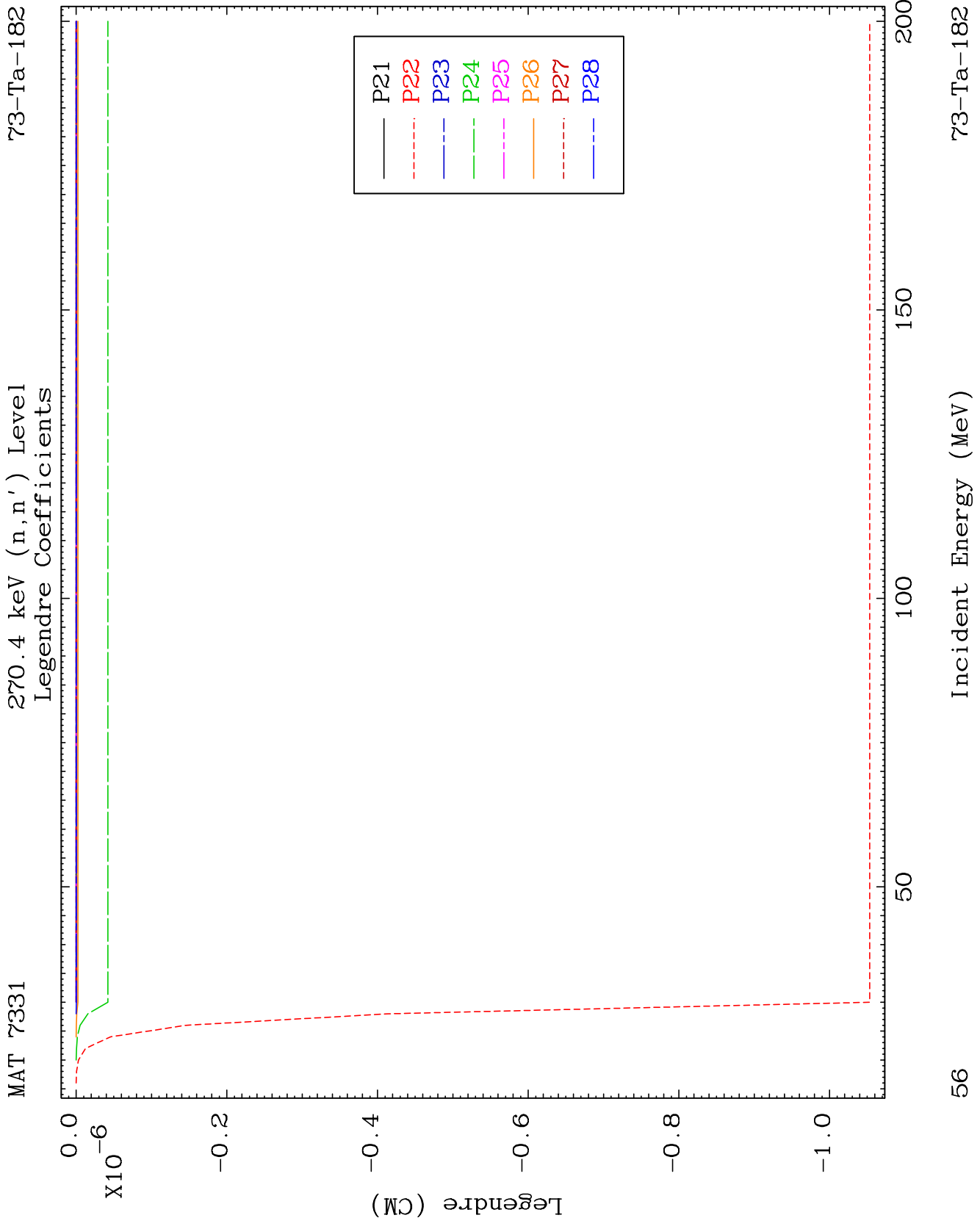




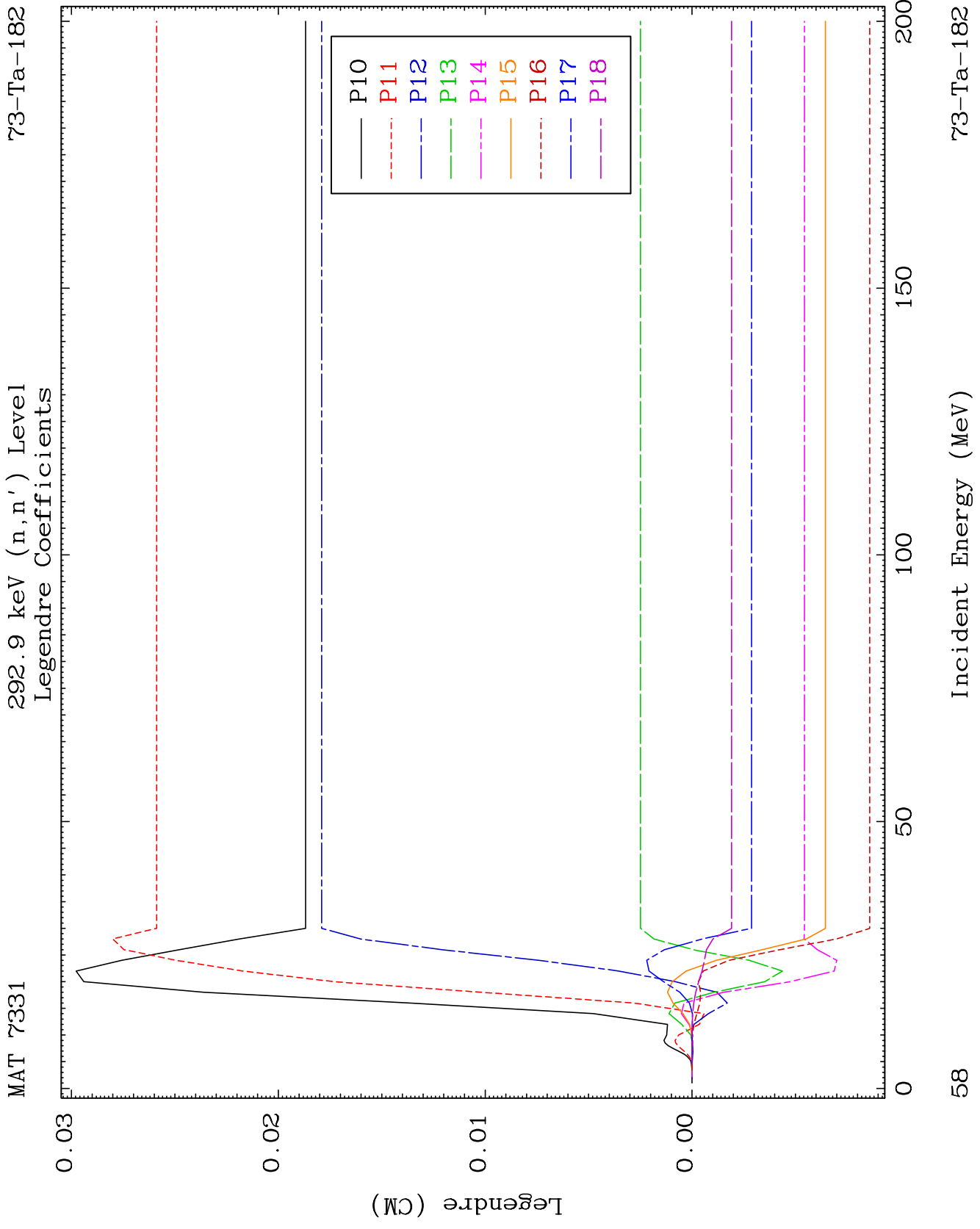


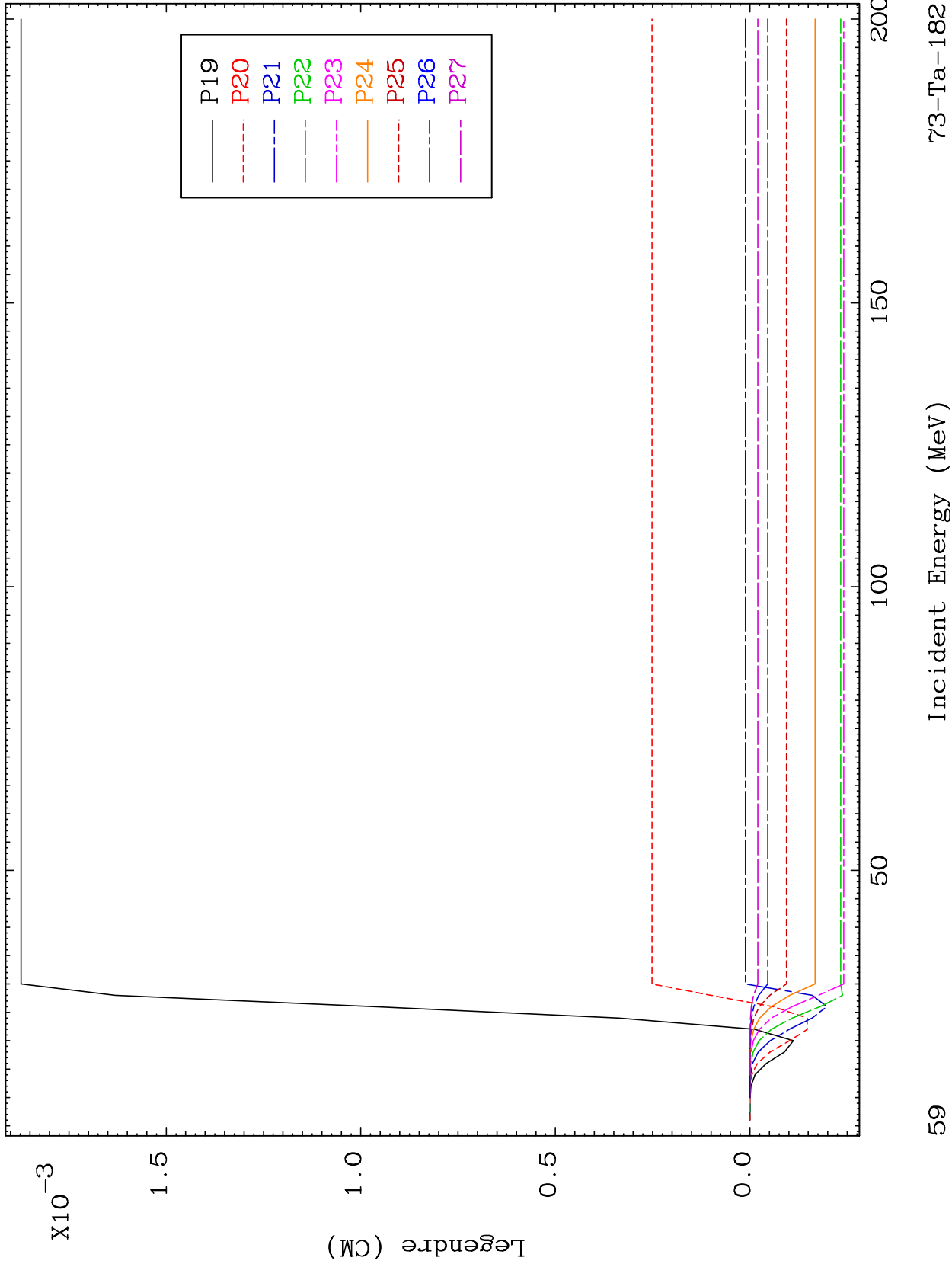




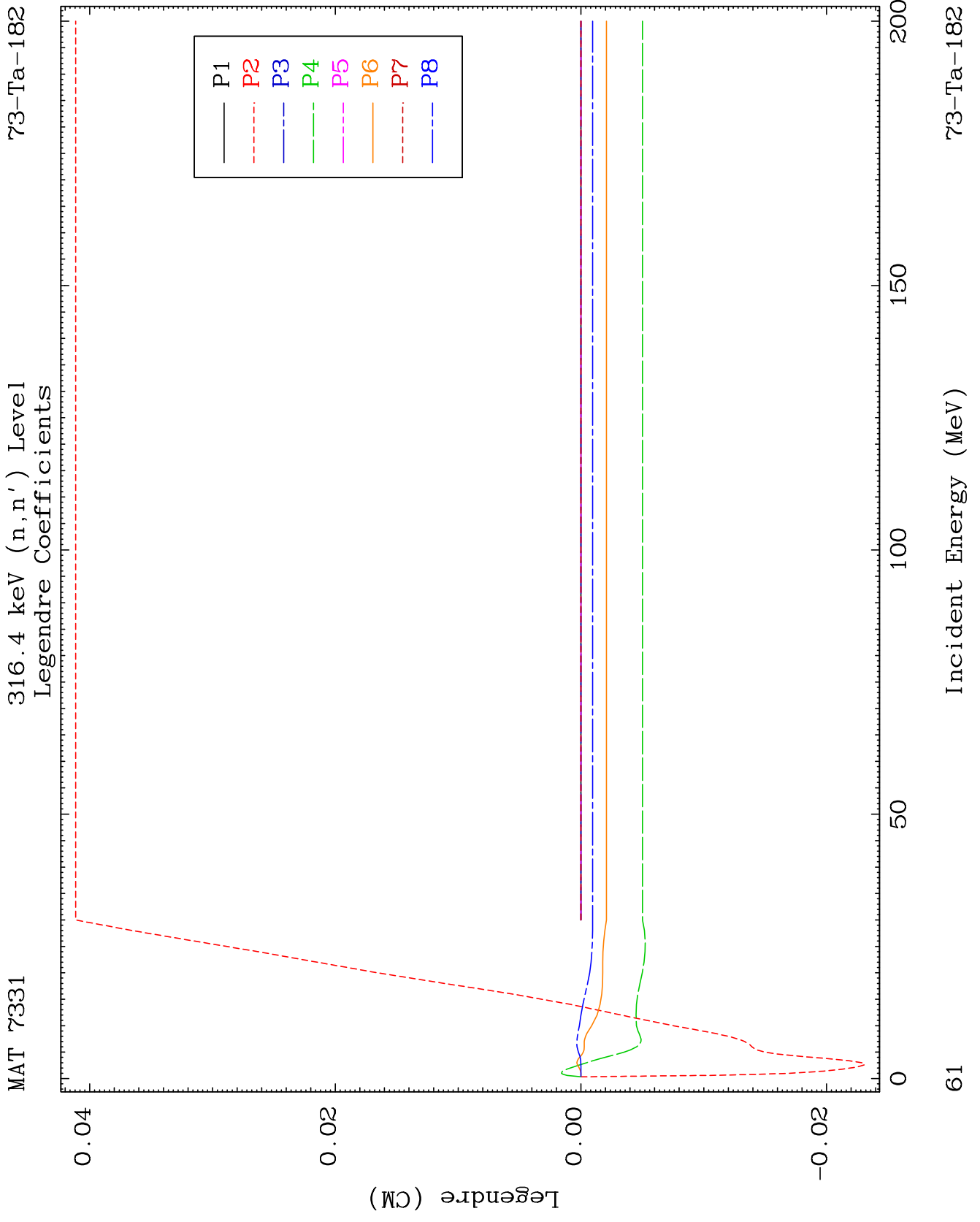








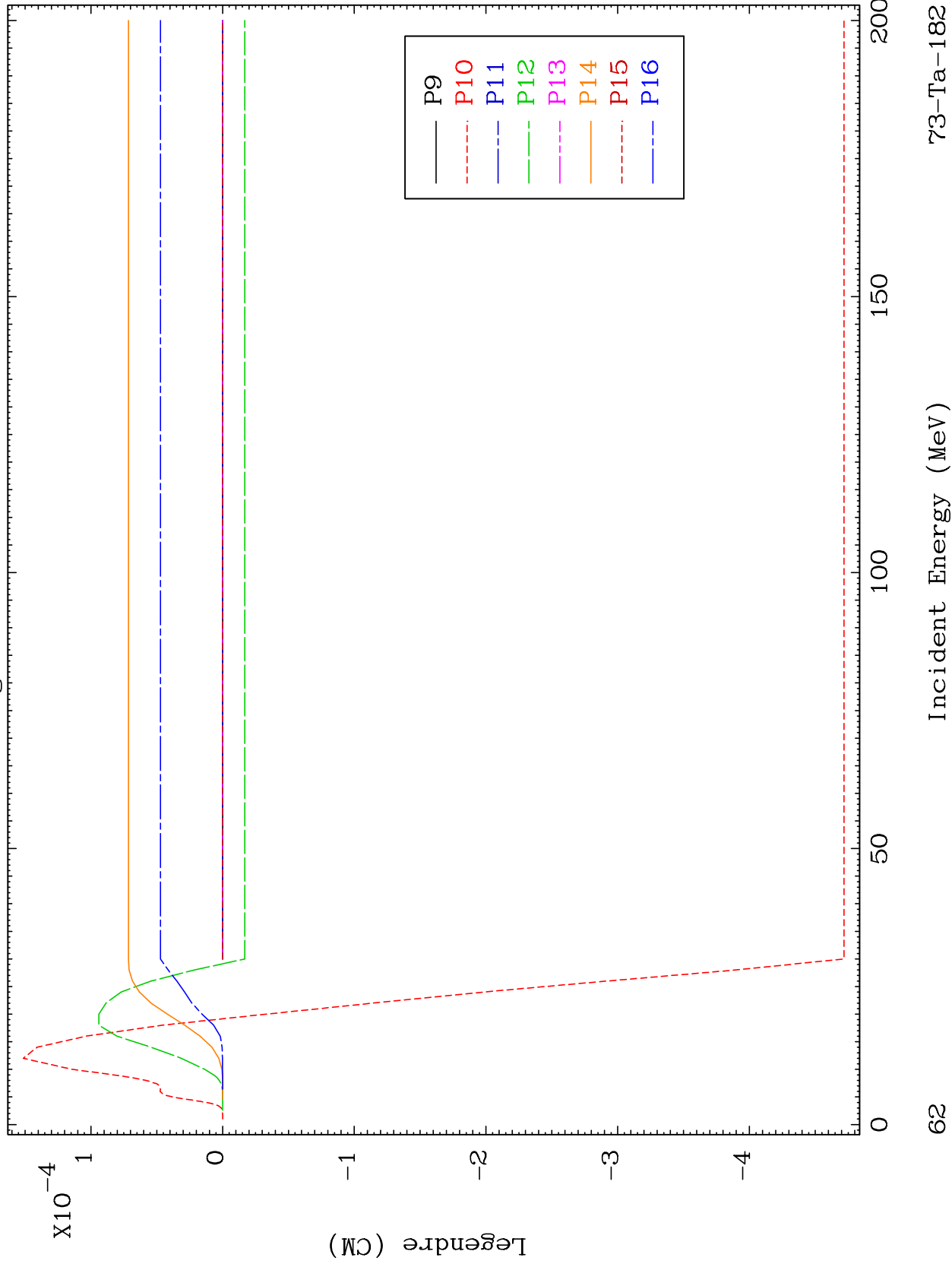




MAT 7331

316.4 keV (n, n') Level  
Legendre Coefficients

73-Ta-182



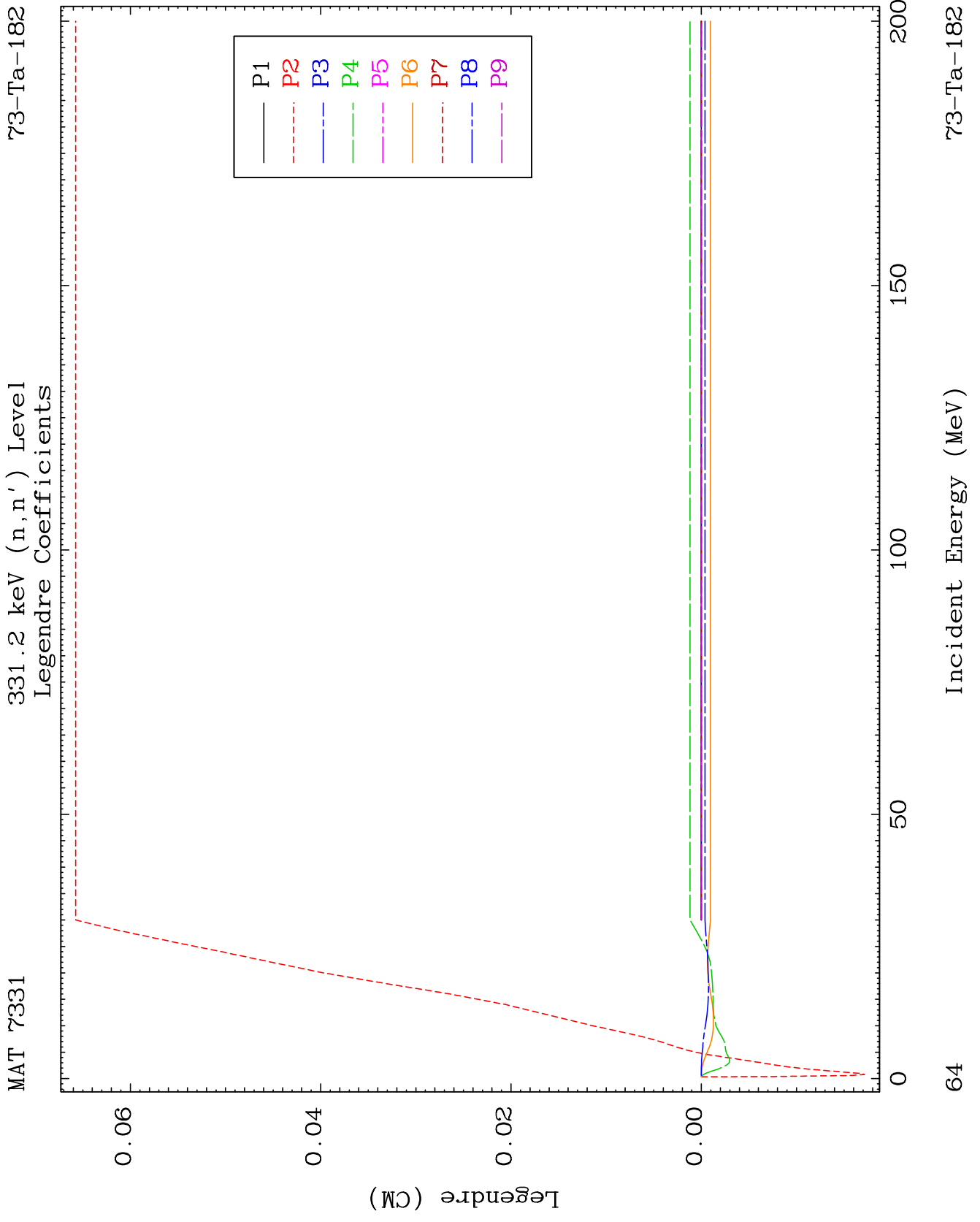
73-Ta-182

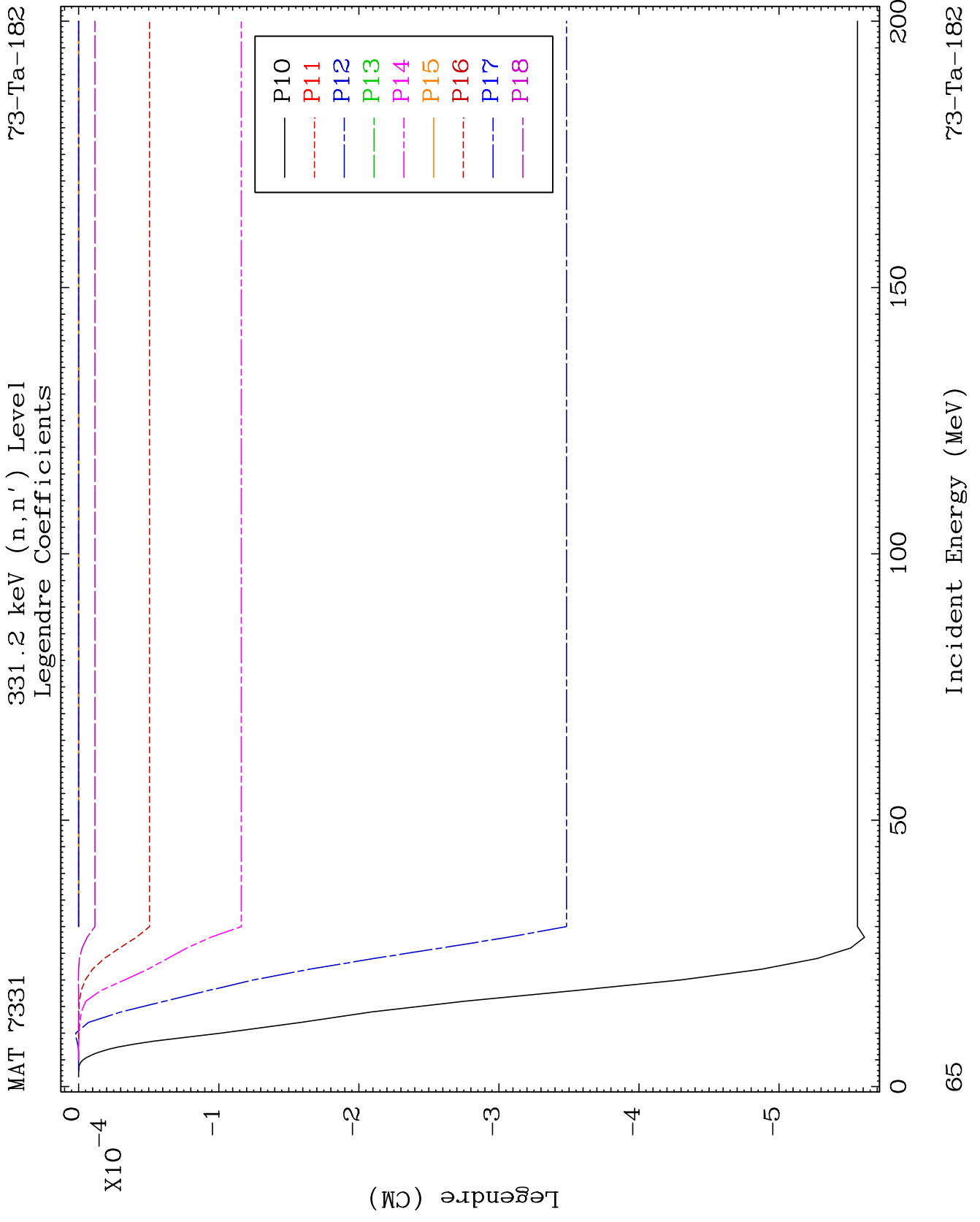
Incident Energy (MeV)

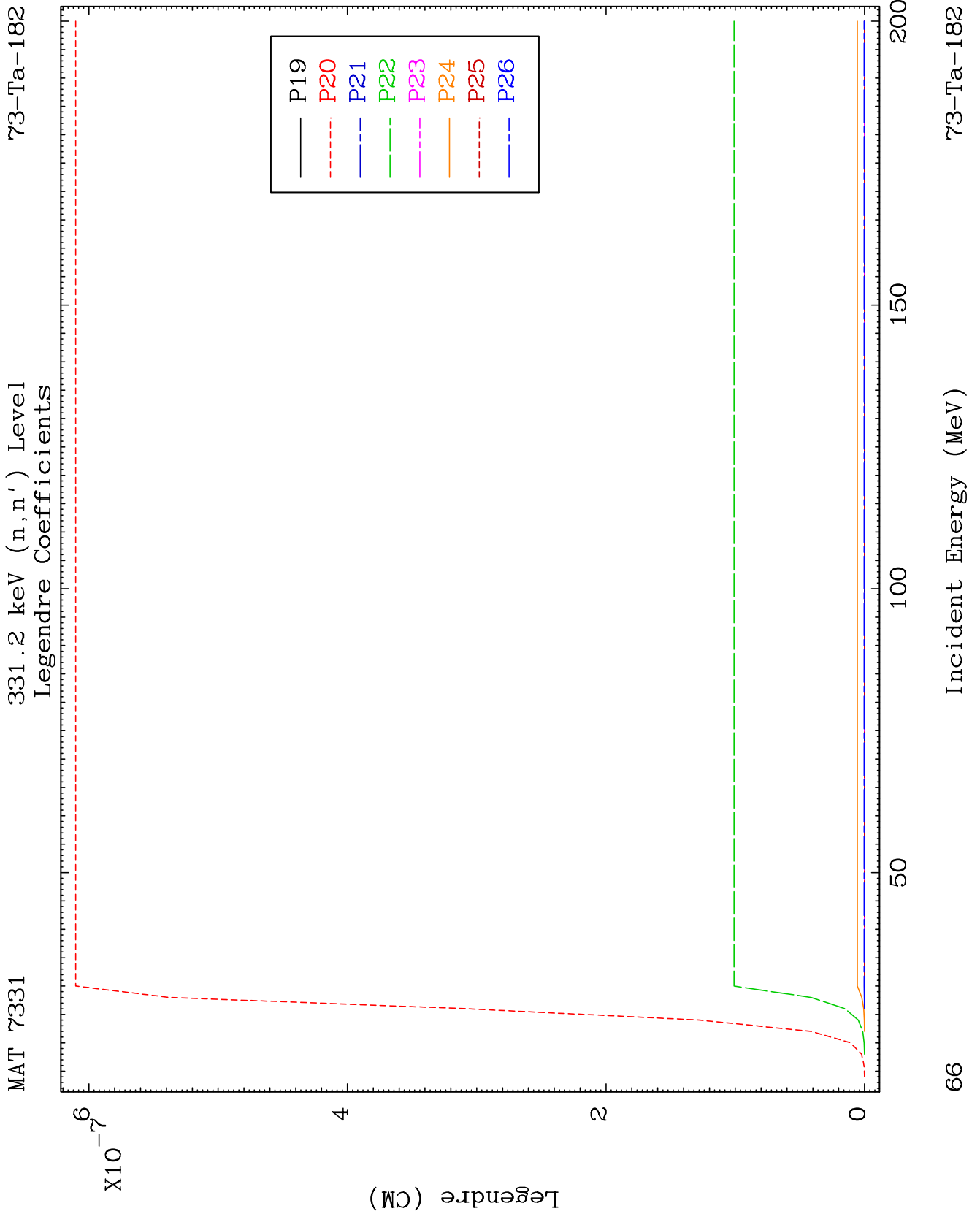
62







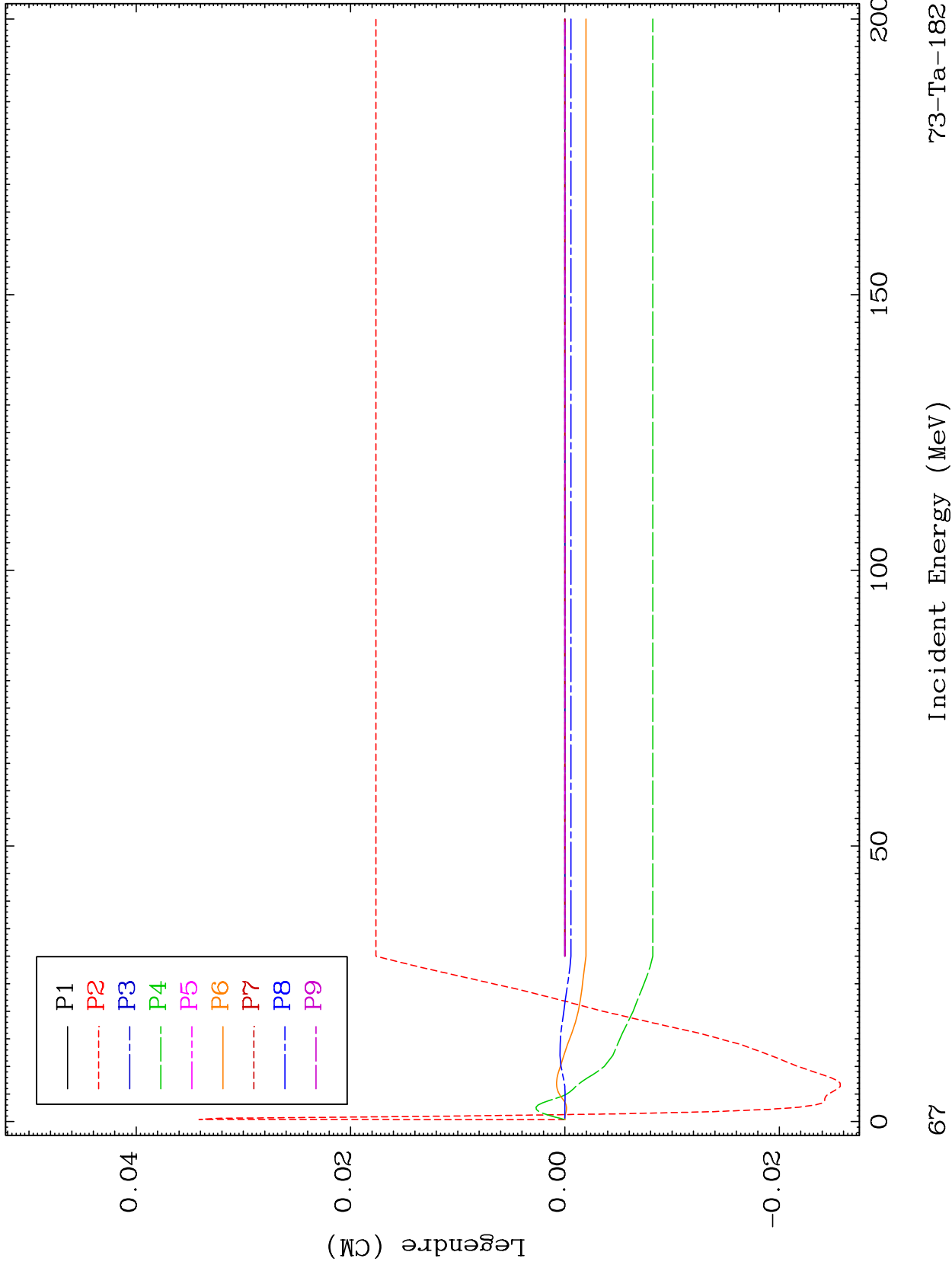




MAT 7331

334.6 keV (n,n') Level  
Legendre Coefficients

73-Ta-182



67

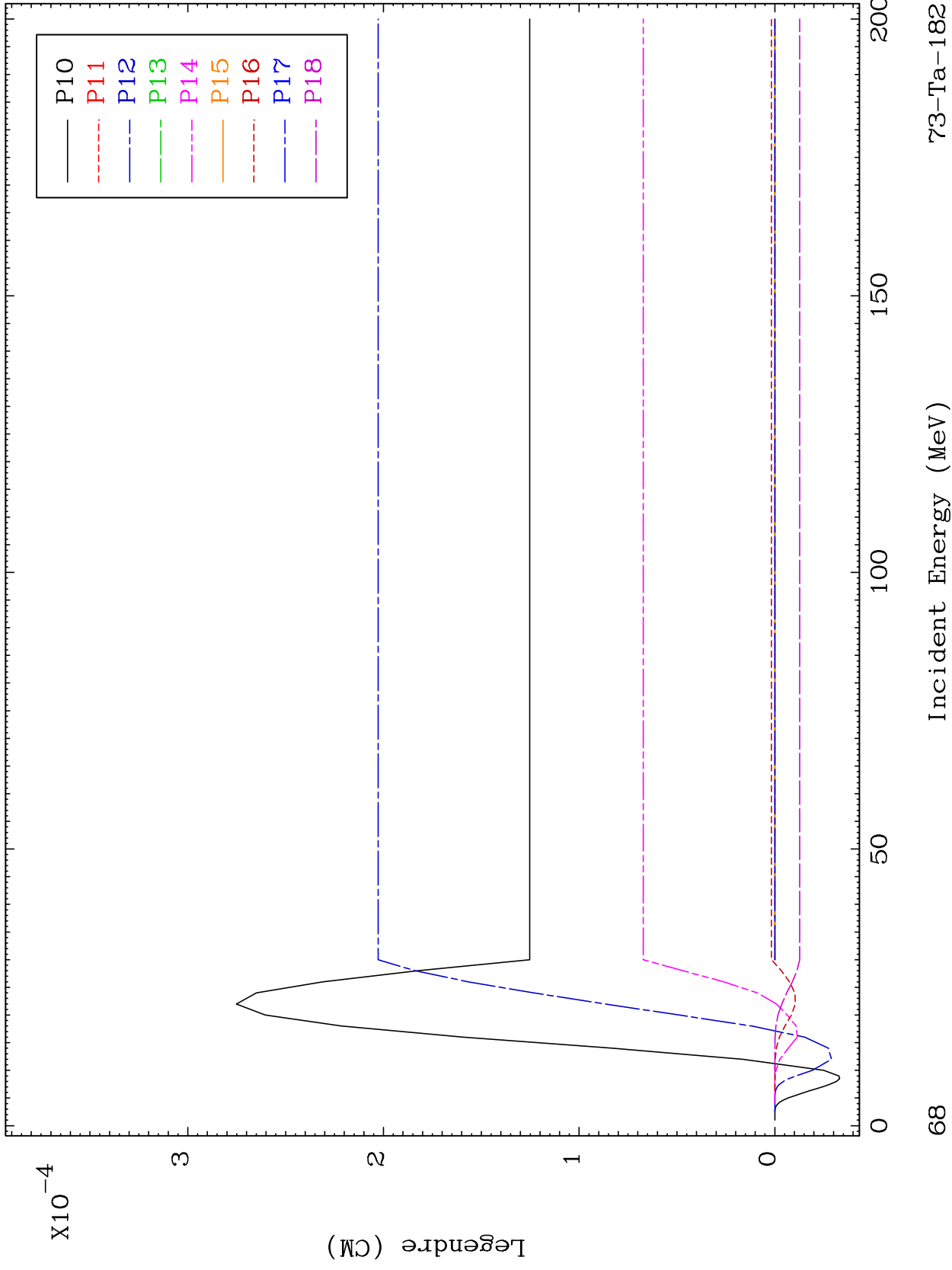
Incident Energy (MeV)

73-Ta-182

MAT 7331

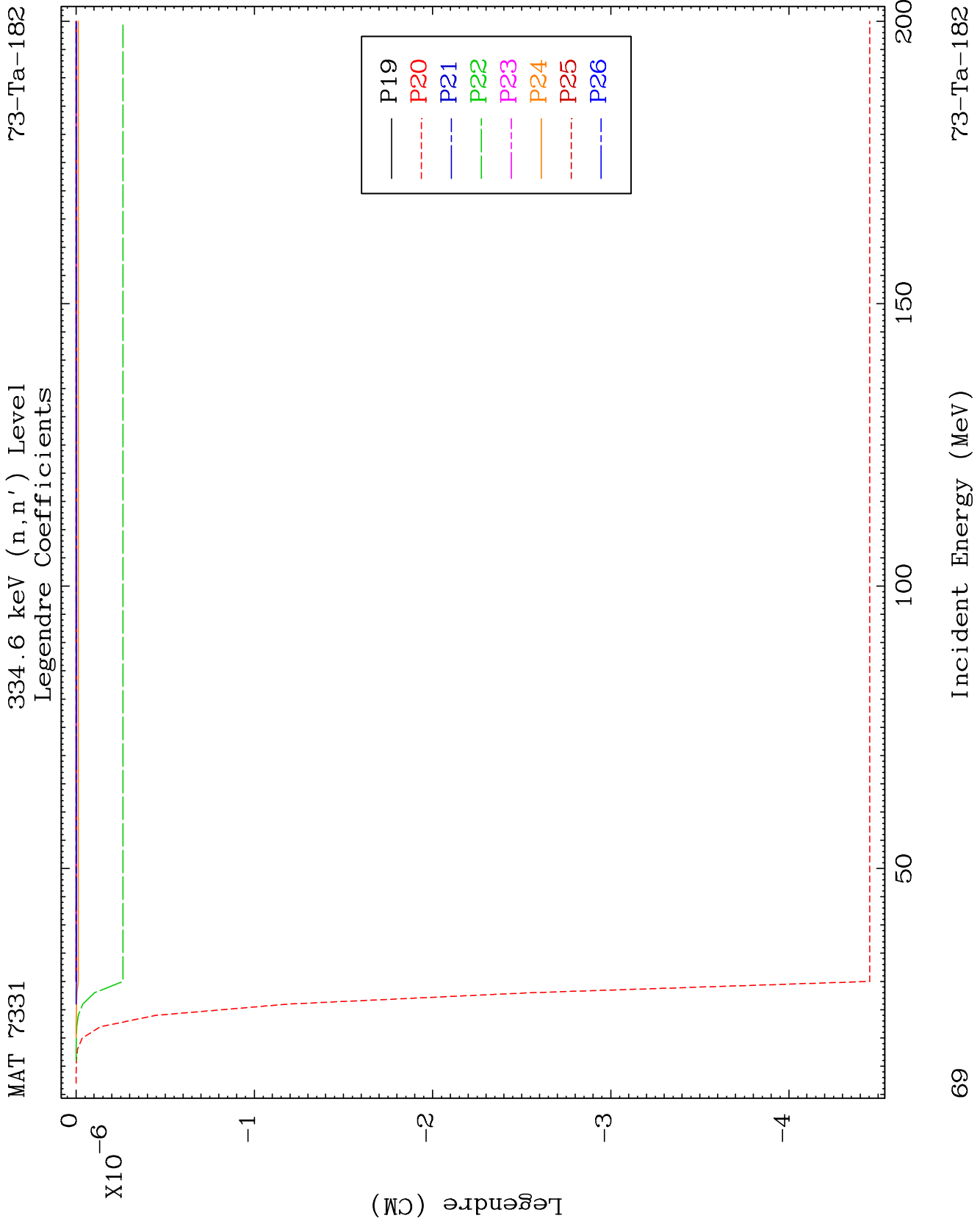
334.6 keV (n,n') Level  
Legendre Coefficients

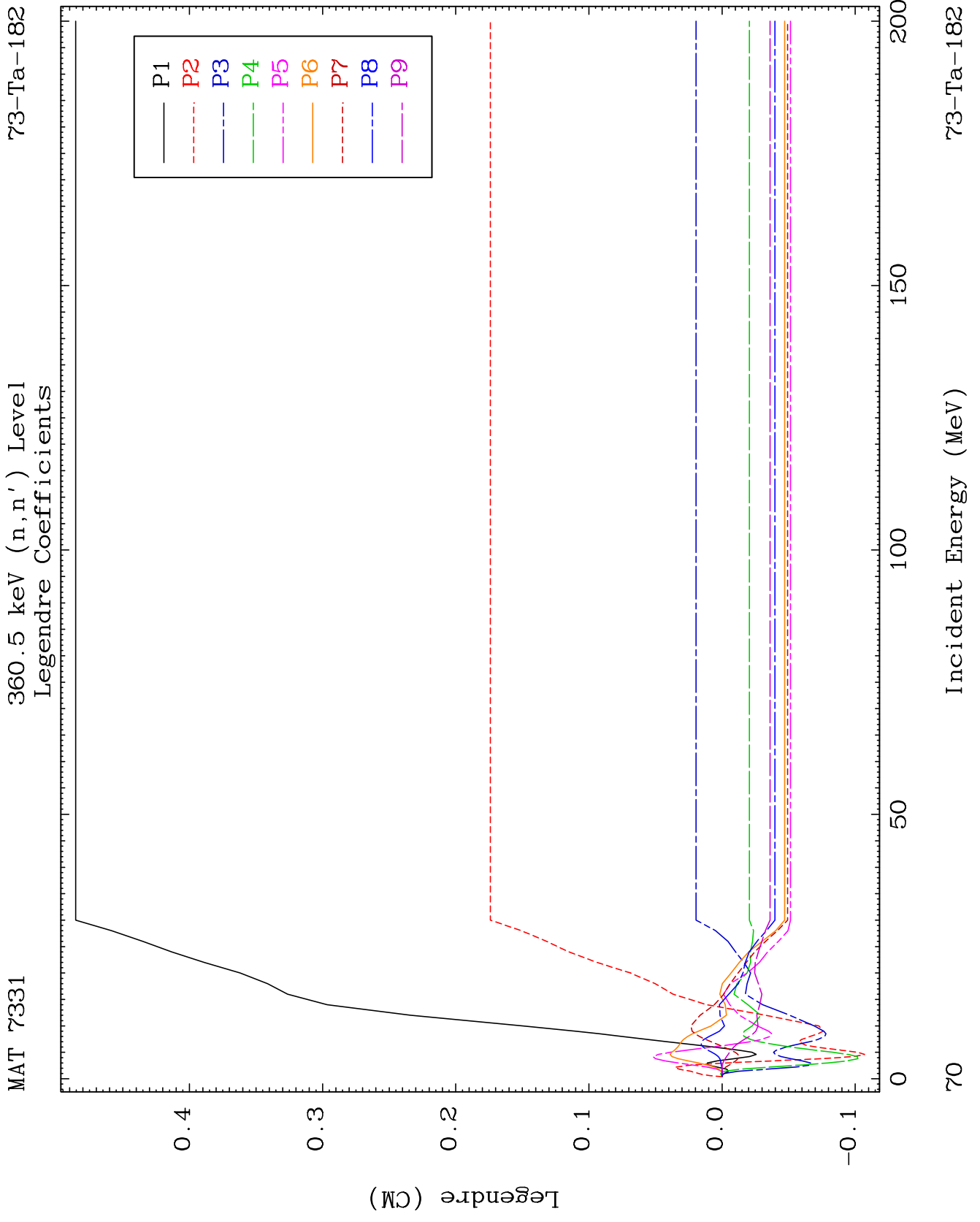
73-Ta-182



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73-Ta-182

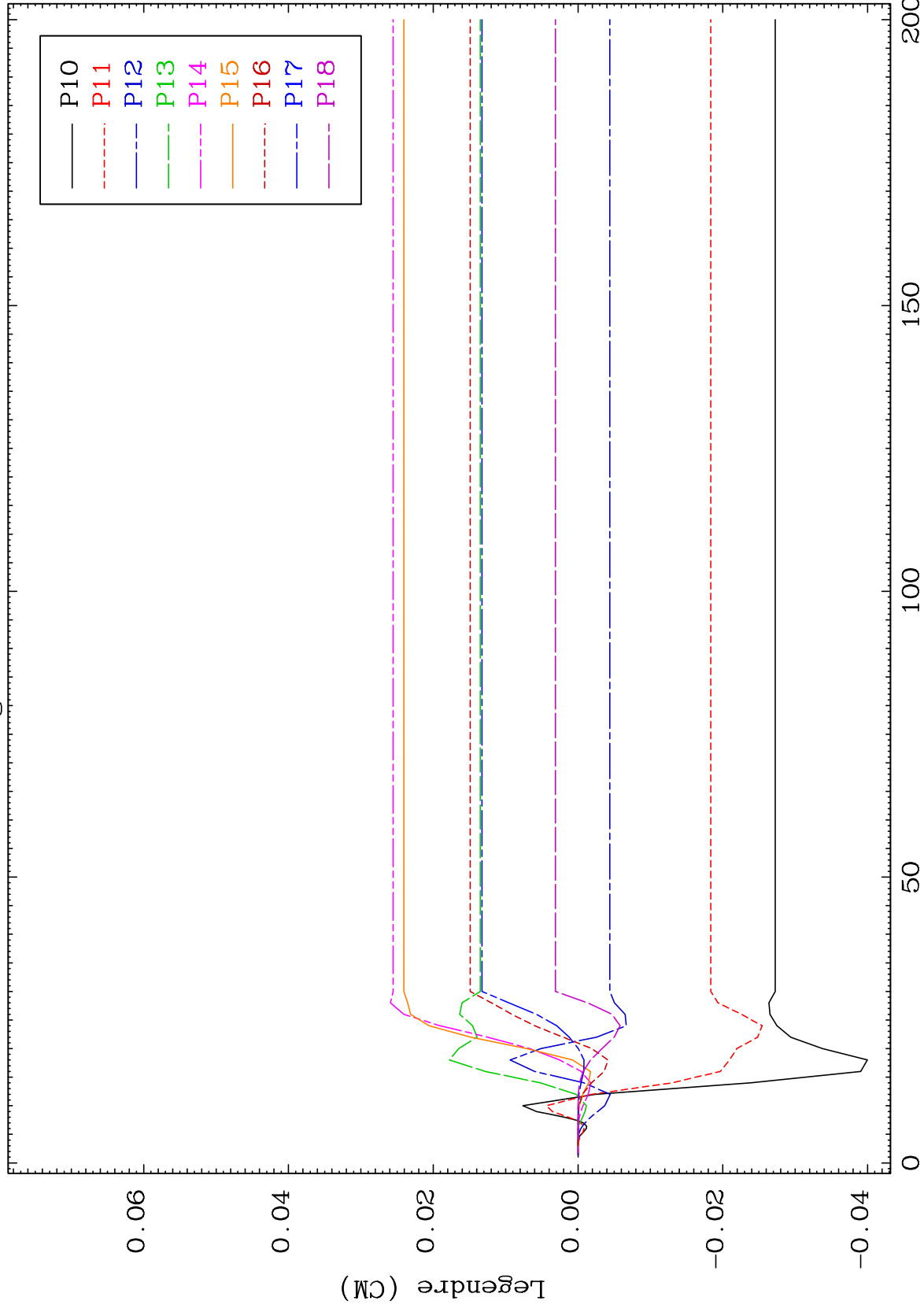




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360.5 keV (n,n') Level  
Legendre Coefficients

73-Ta-182



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Incident Energy (MeV)

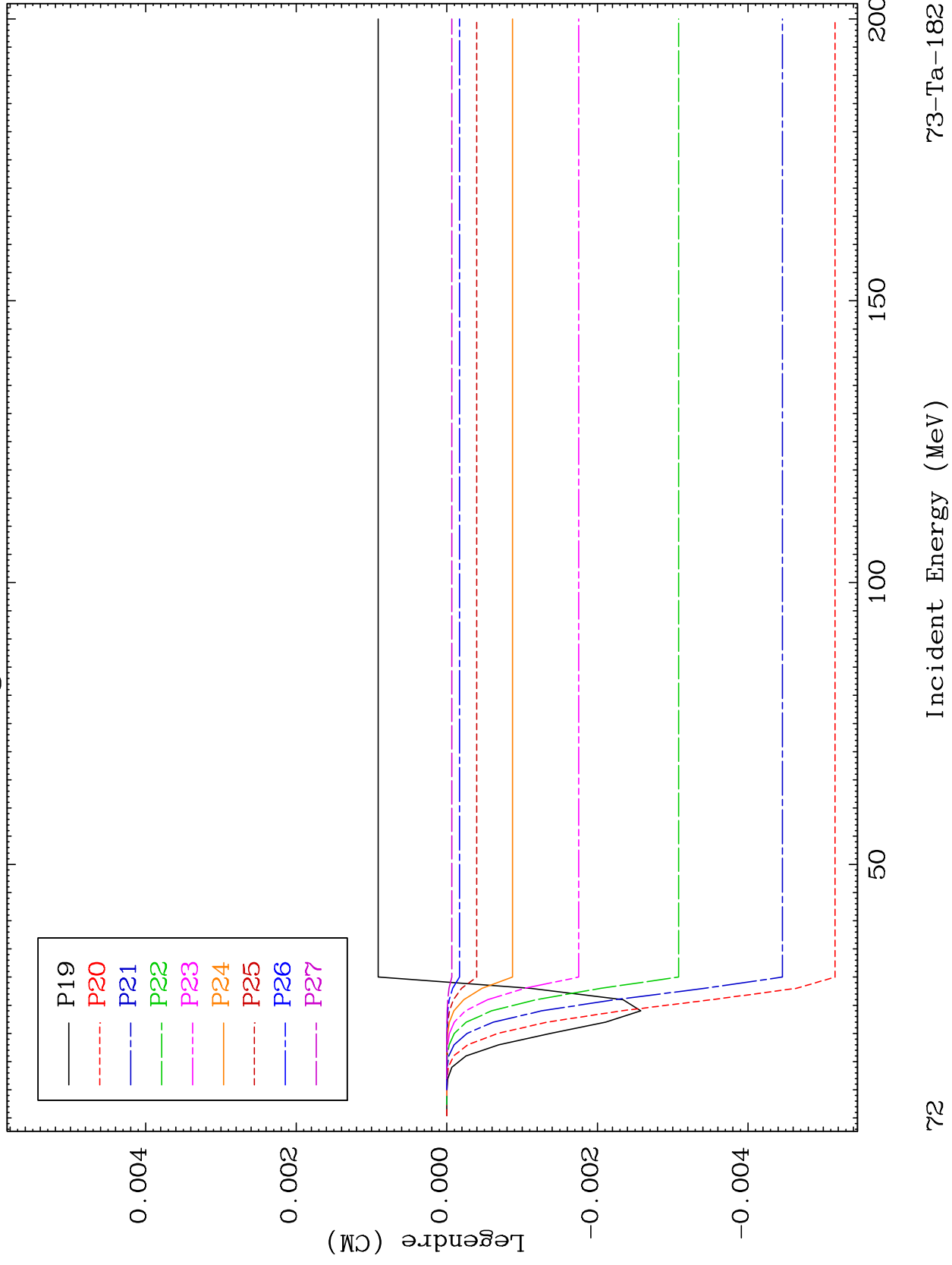
73-Ta-182



MAT 7331

360.5 keV (n,n') Level  
Legendre Coefficients

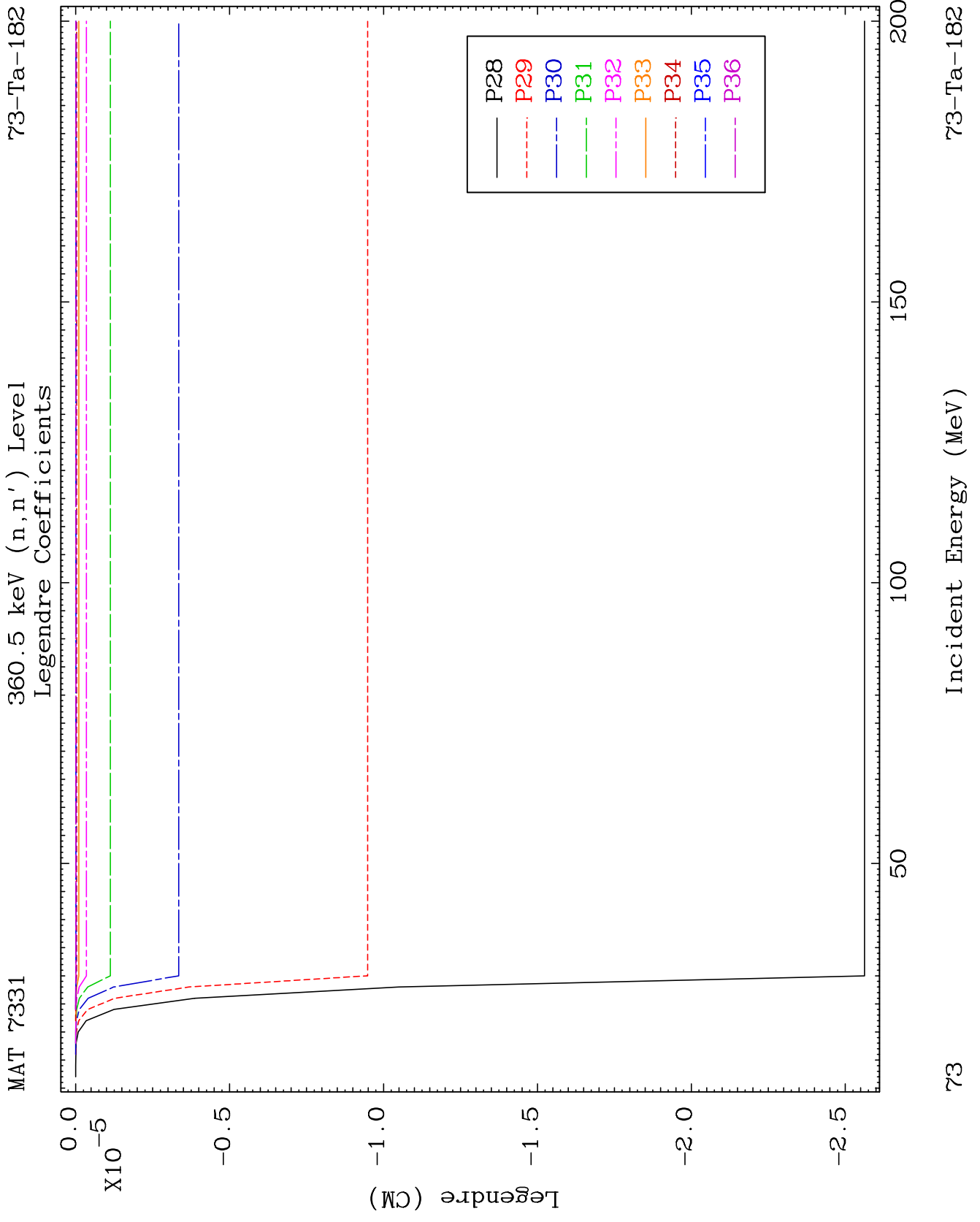
73-Ta-182



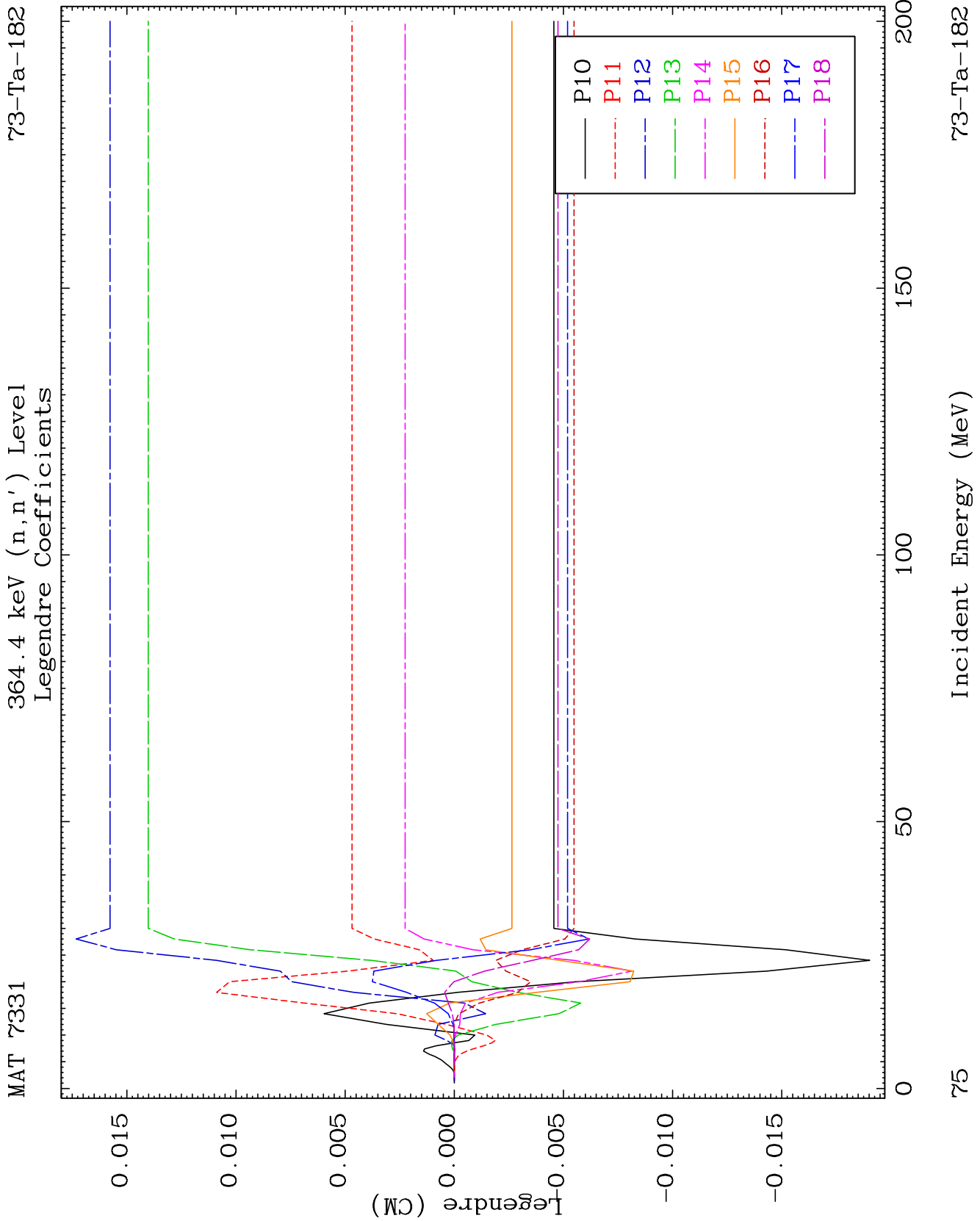
72

Incident Energy (MeV)

73-Ta-182



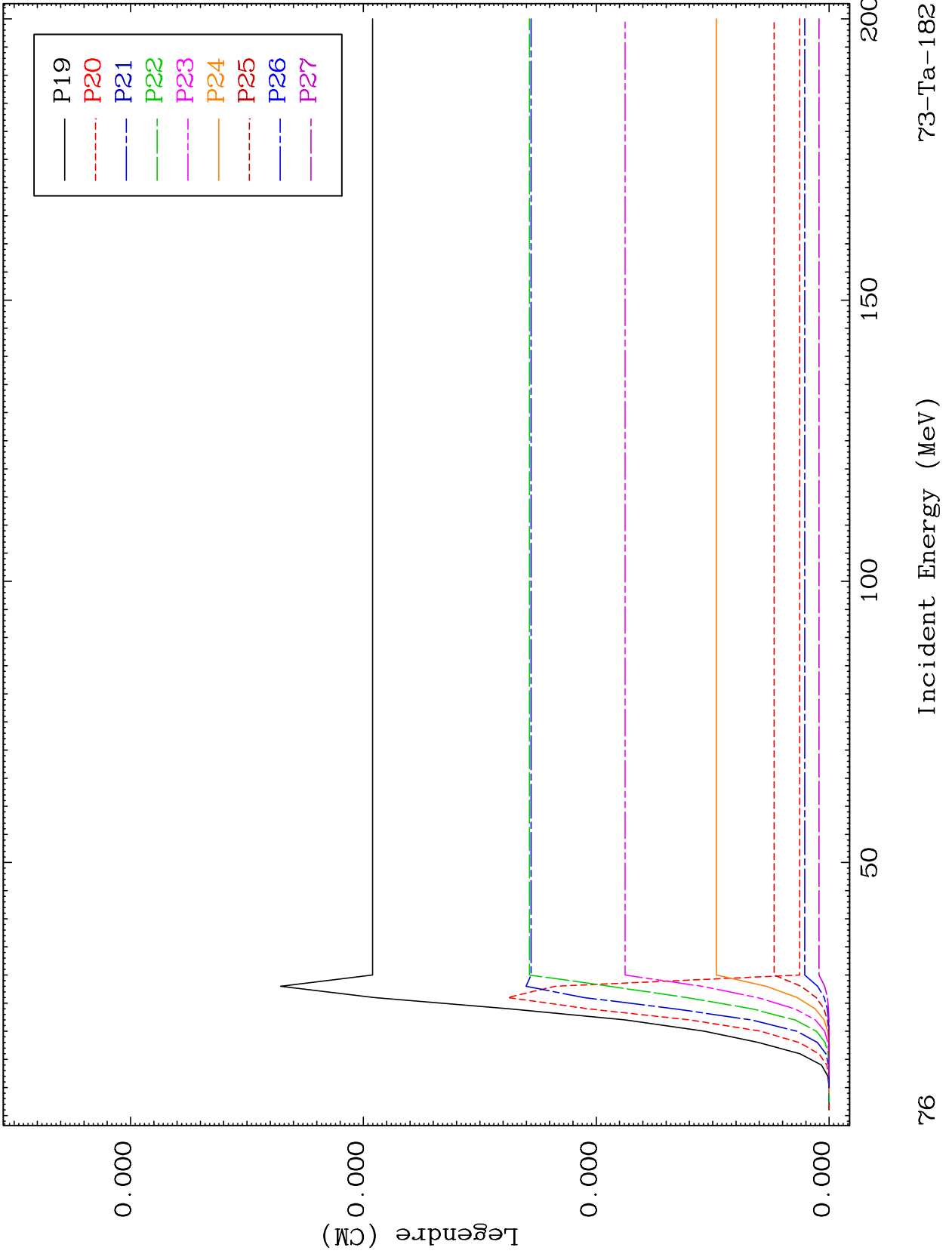




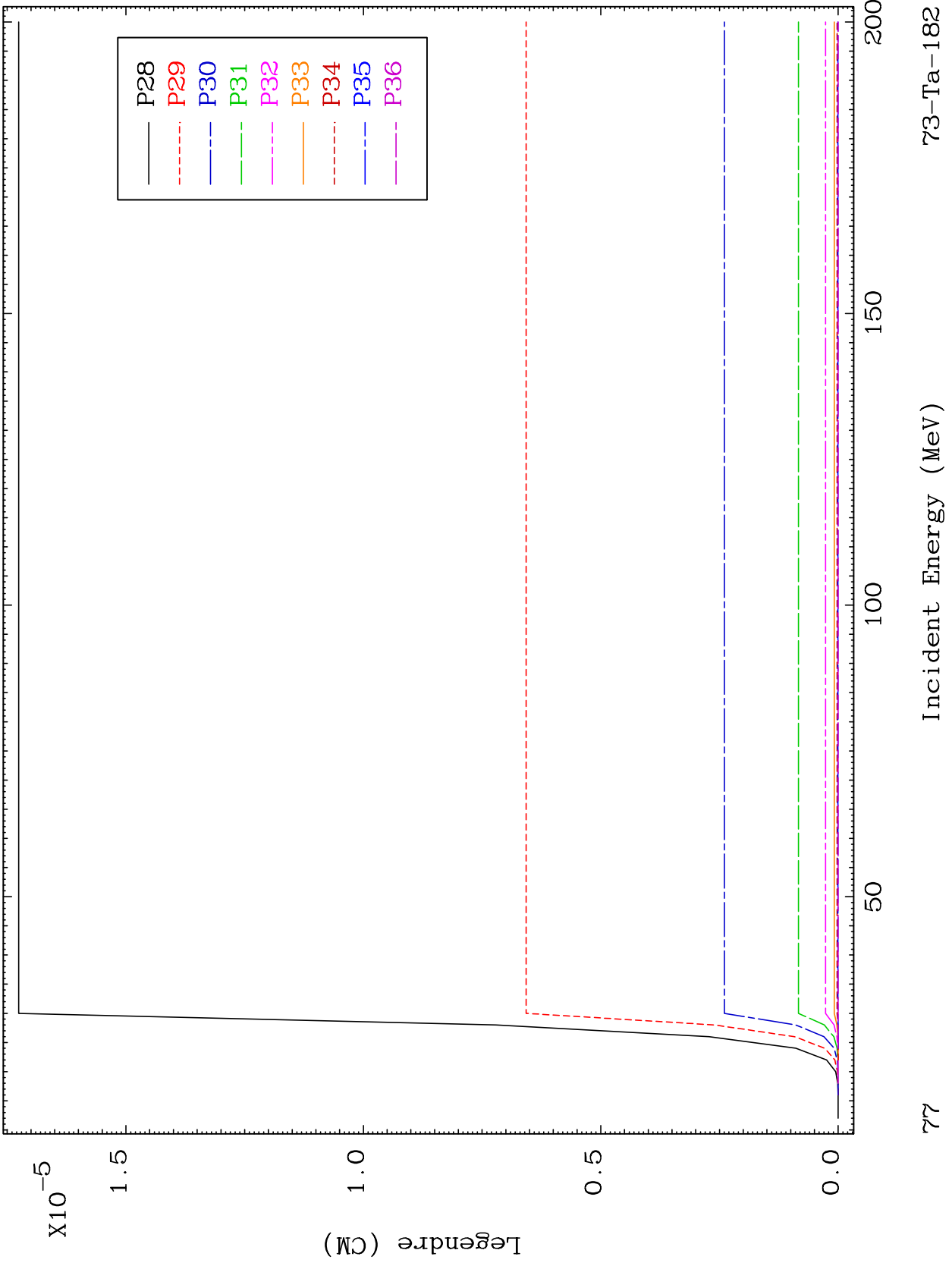
MAT 7331

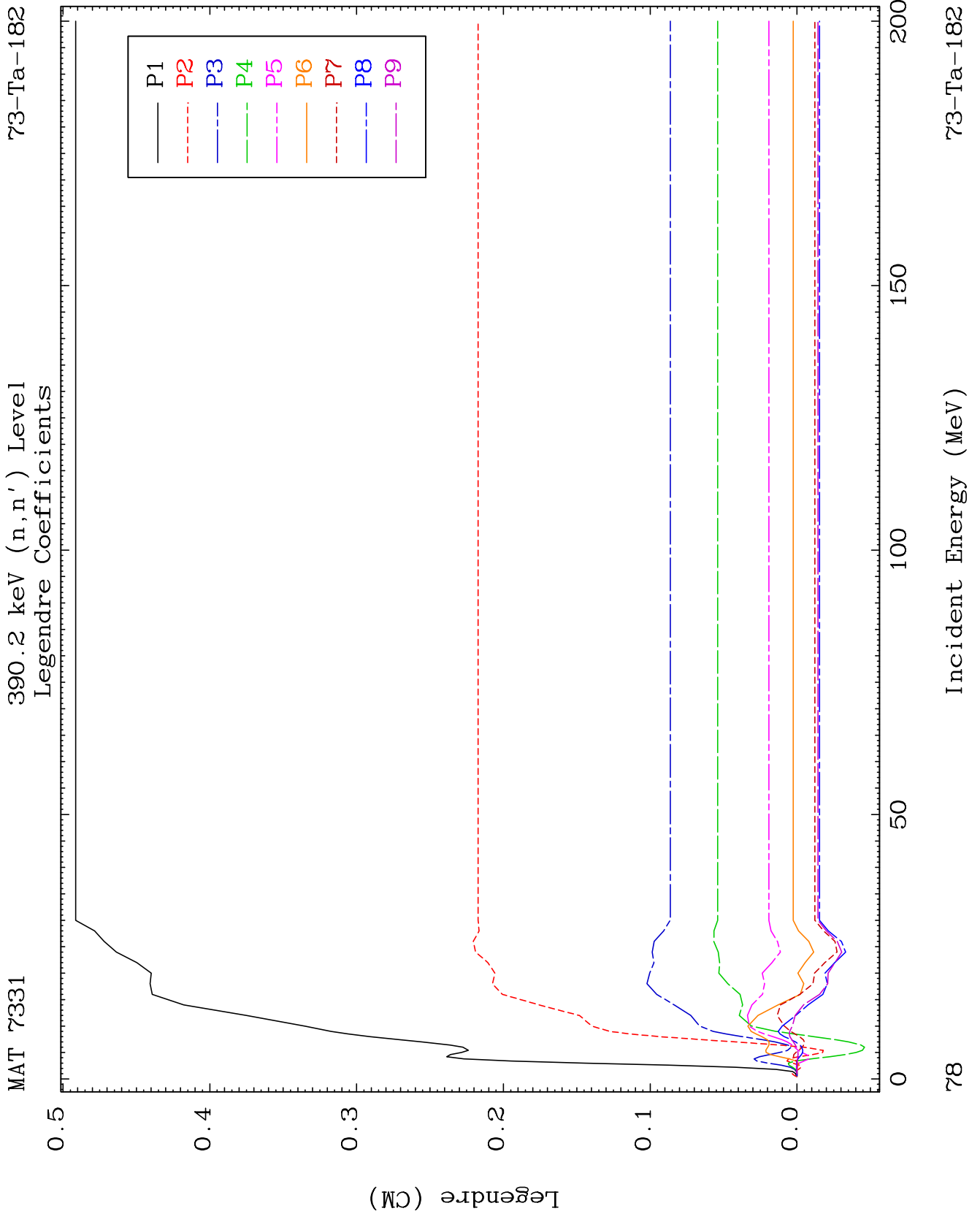
364.4 keV (n,n') Level  
Legendre Coefficients

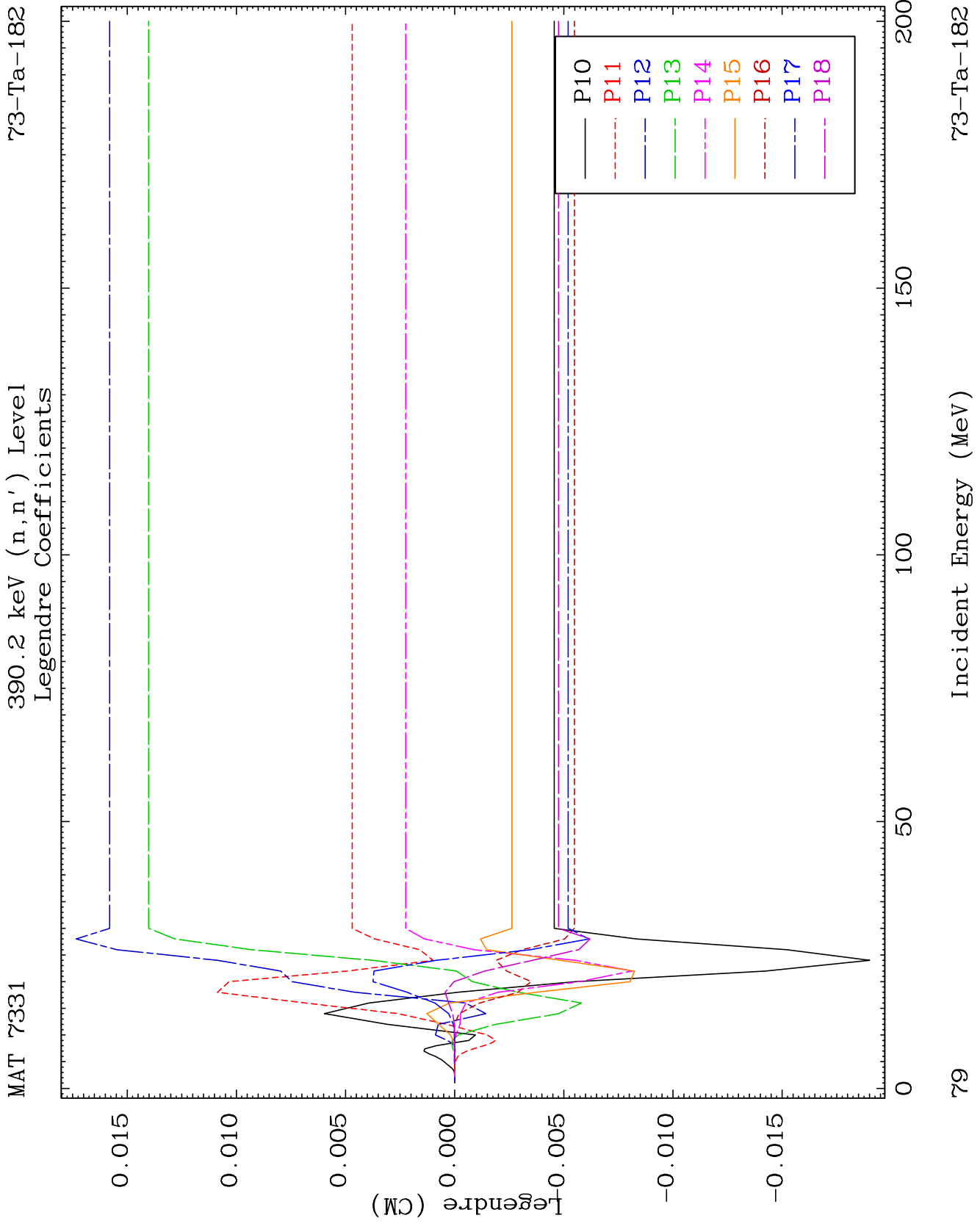
73-Ta-182



MAT 7331 364.4 keV (n,n') Level Legendre Coefficients 73-Ta-182





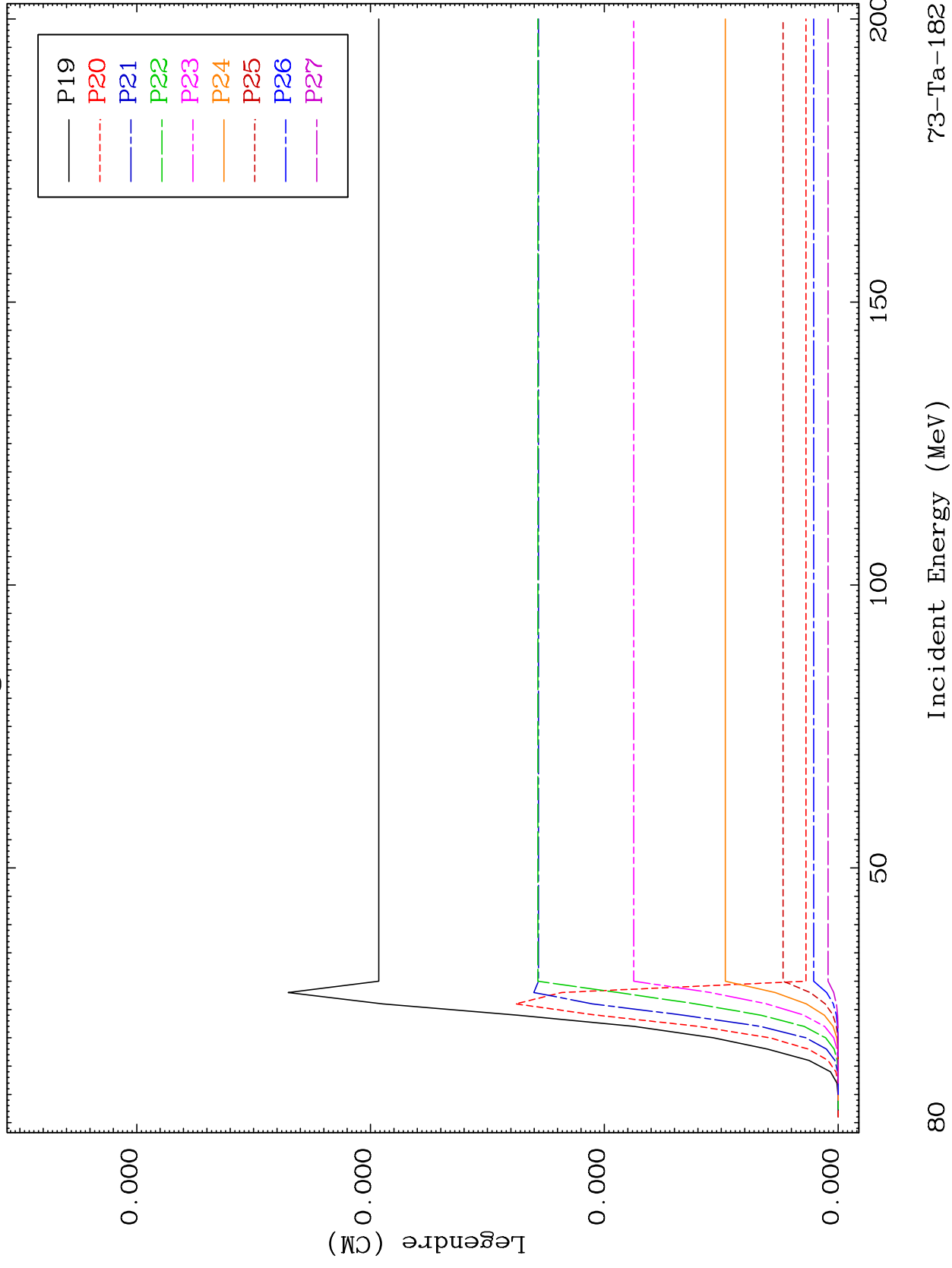


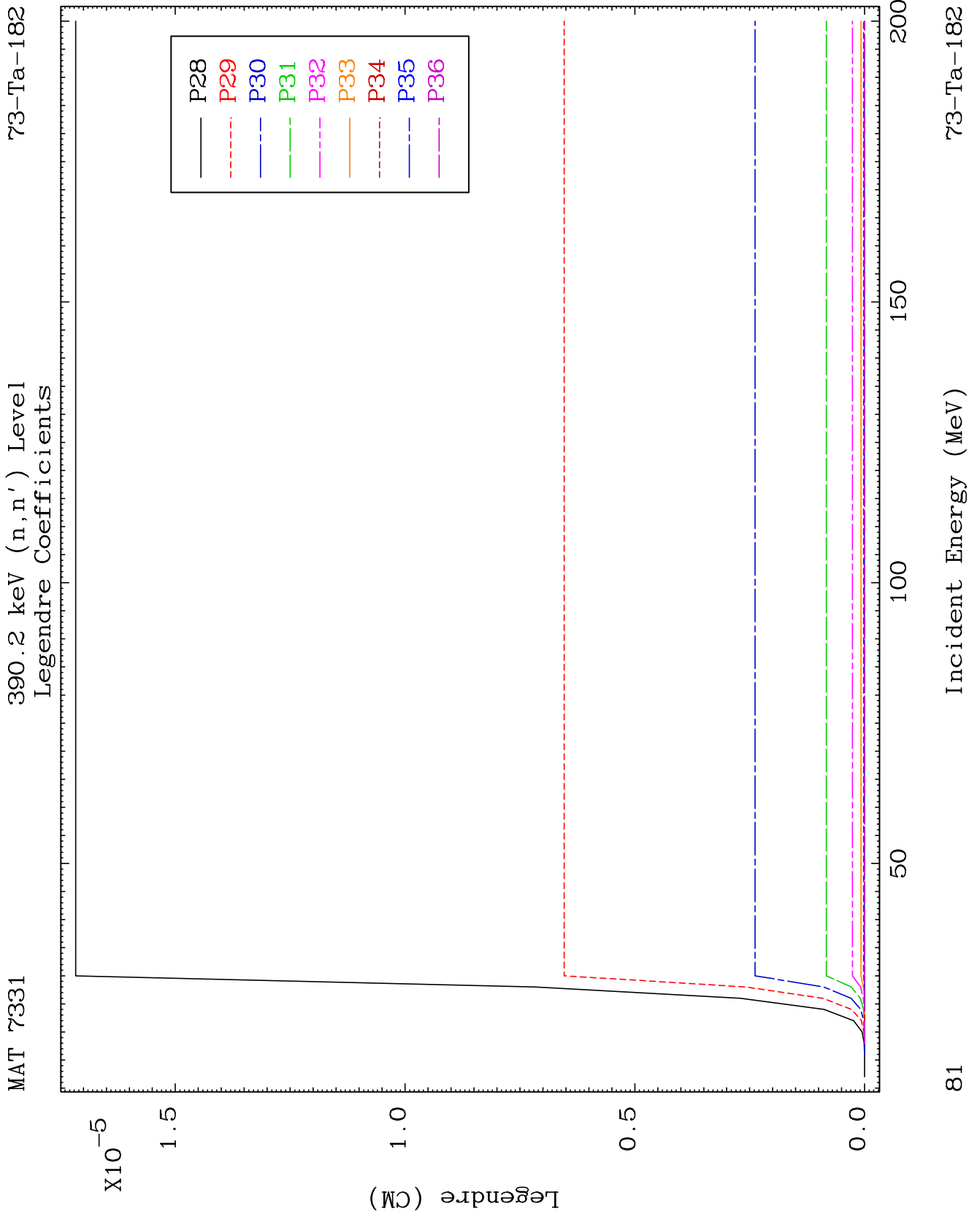


MAT 7331

390.2 keV (n,n') Level  
Legendre Coefficients

73-Ta-182



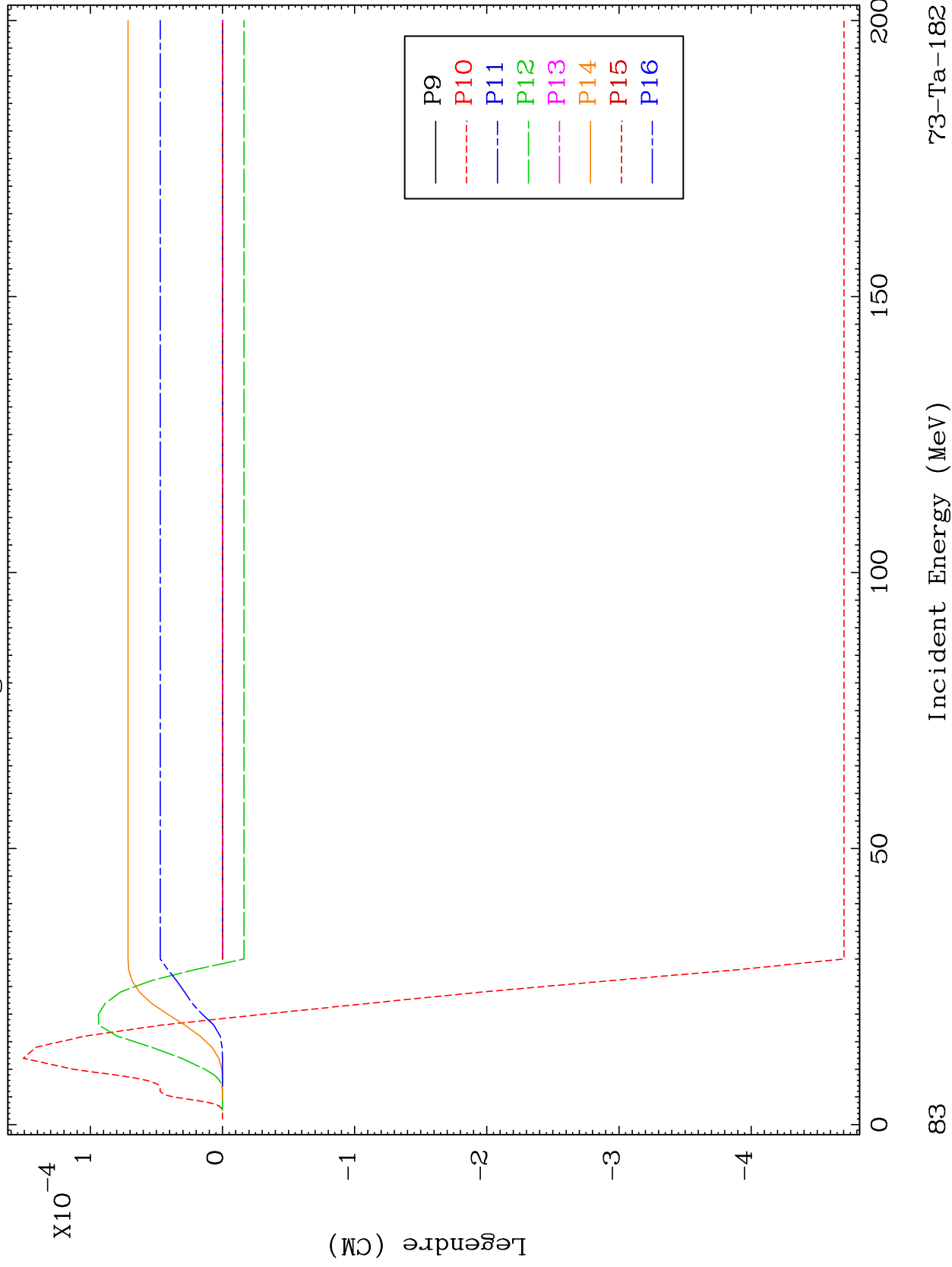




MAT 7331

396.3 keV (n,n') Level  
Legendre Coefficients

73-Ta-182



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Incident Energy (MeV)

73-Ta-182

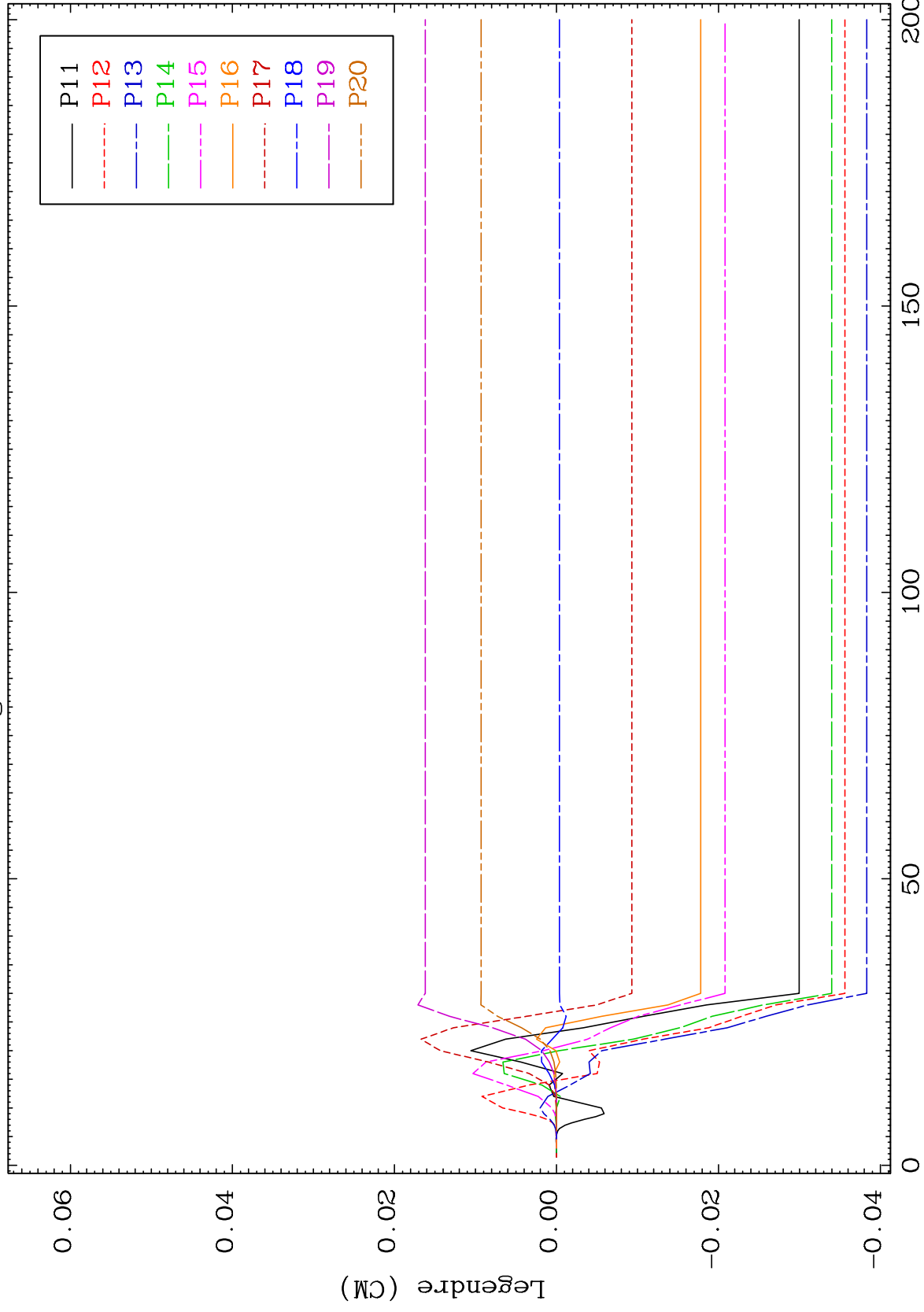




MAT 7331

402.6 keV (n,n') Level  
Legendre Coefficients

73-Ta-182



86

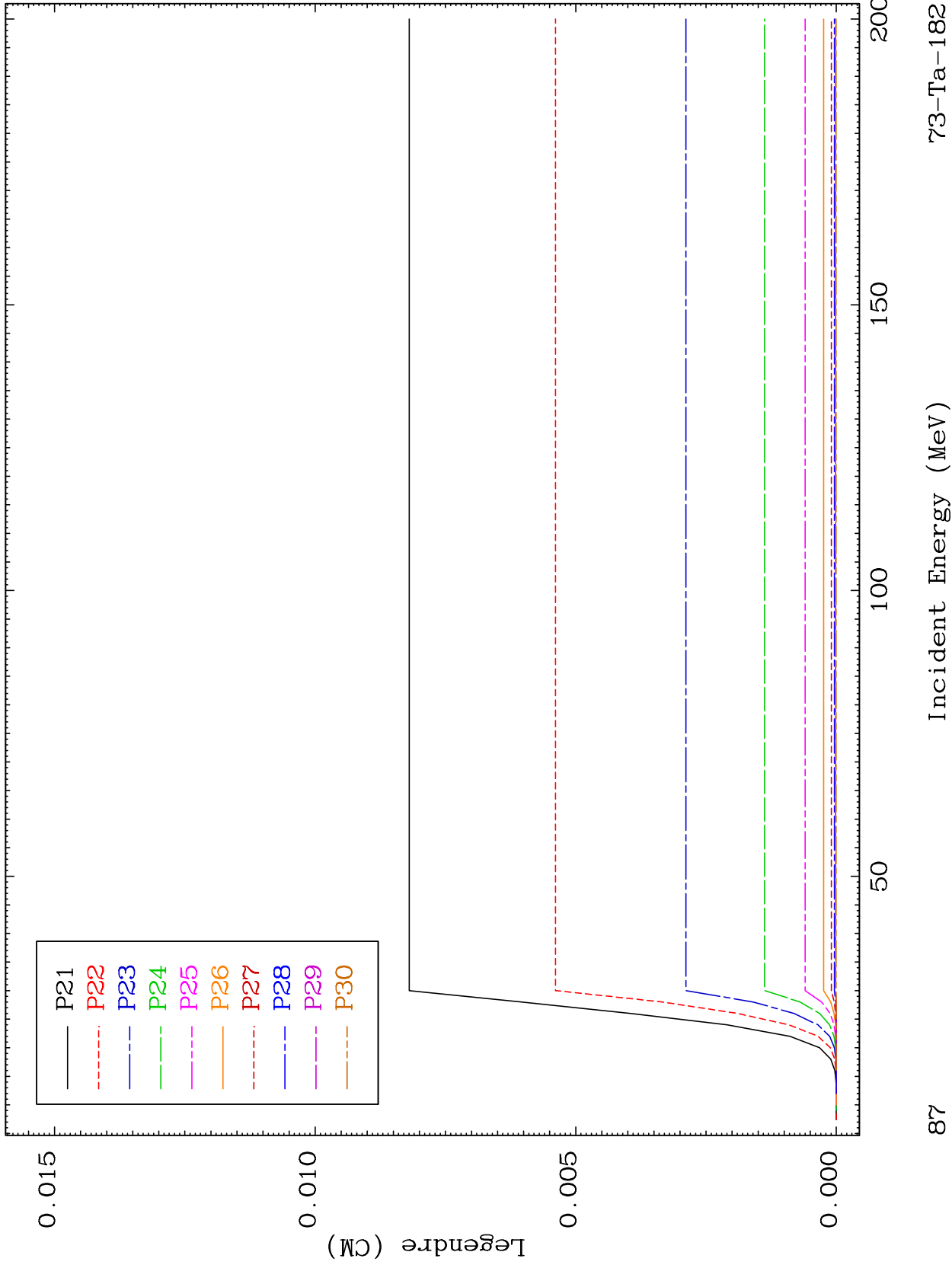
Incident Energy (MeV)

73-Ta-182

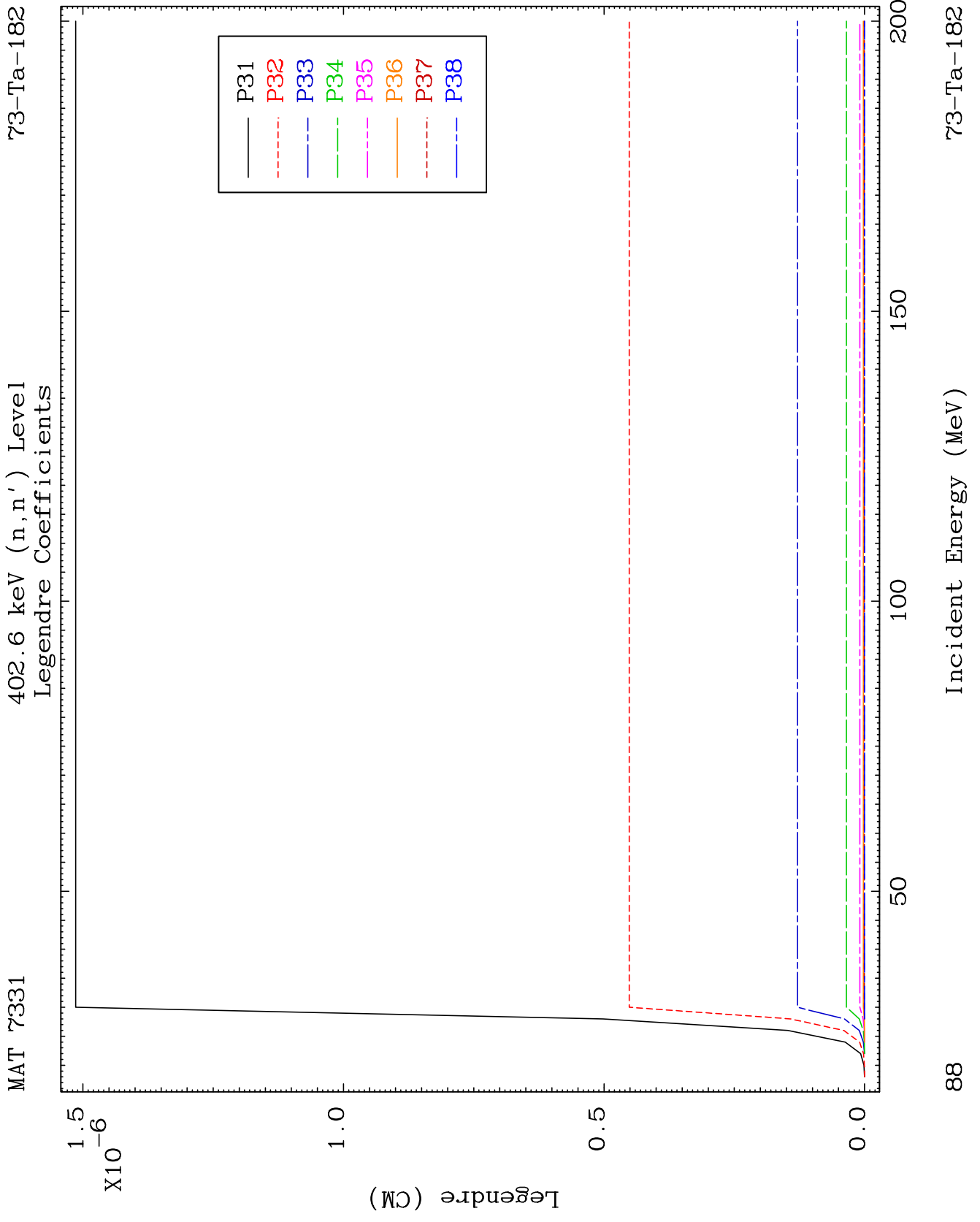
MAT 7331

402.6 keV (n,n') Level  
Legendre Coefficients

73-Ta-182



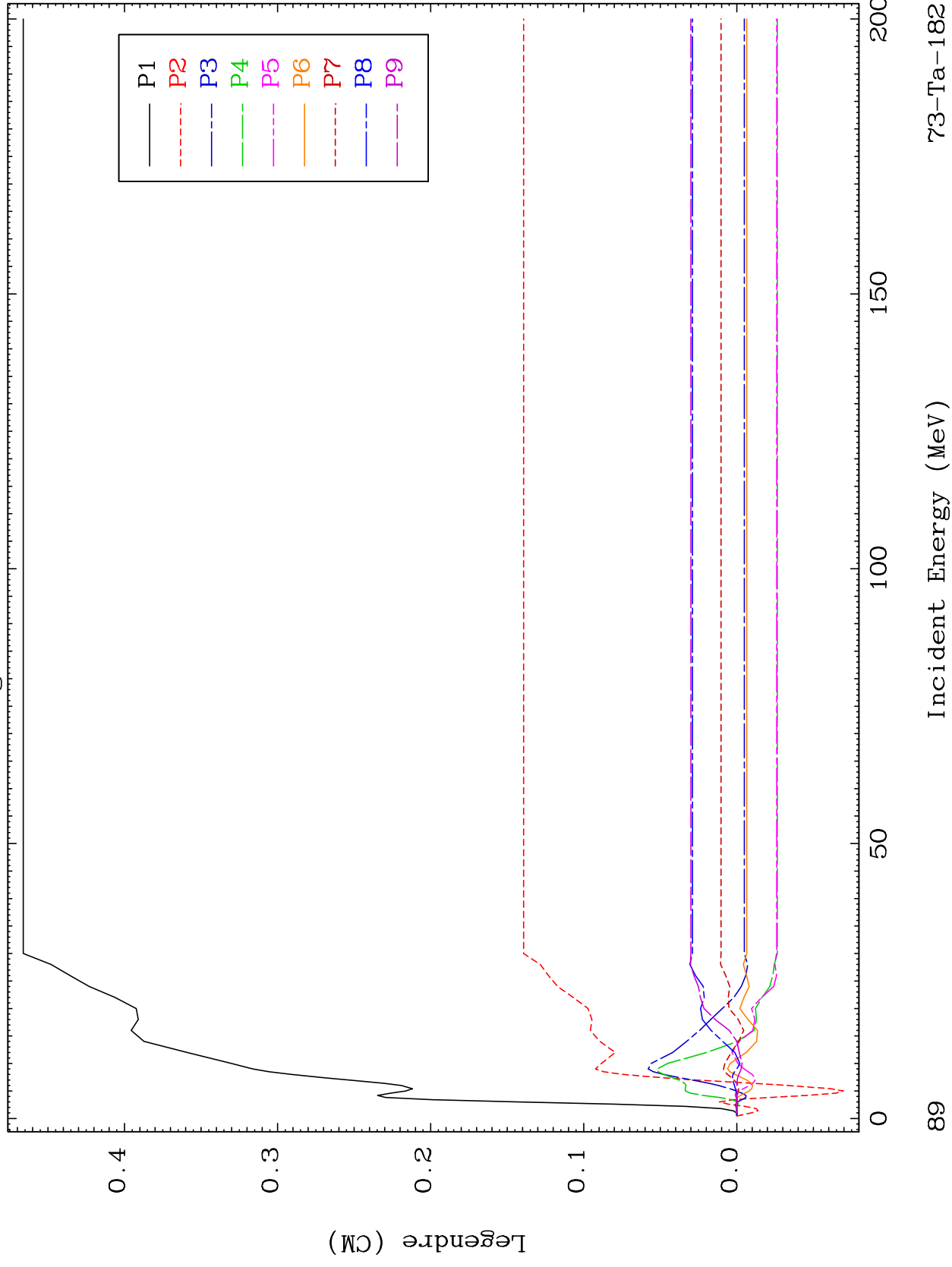




MAT 7331

411.3 keV (n,n') Level  
Legendre Coefficients

73-Ta-182



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Incident Energy (MeV)

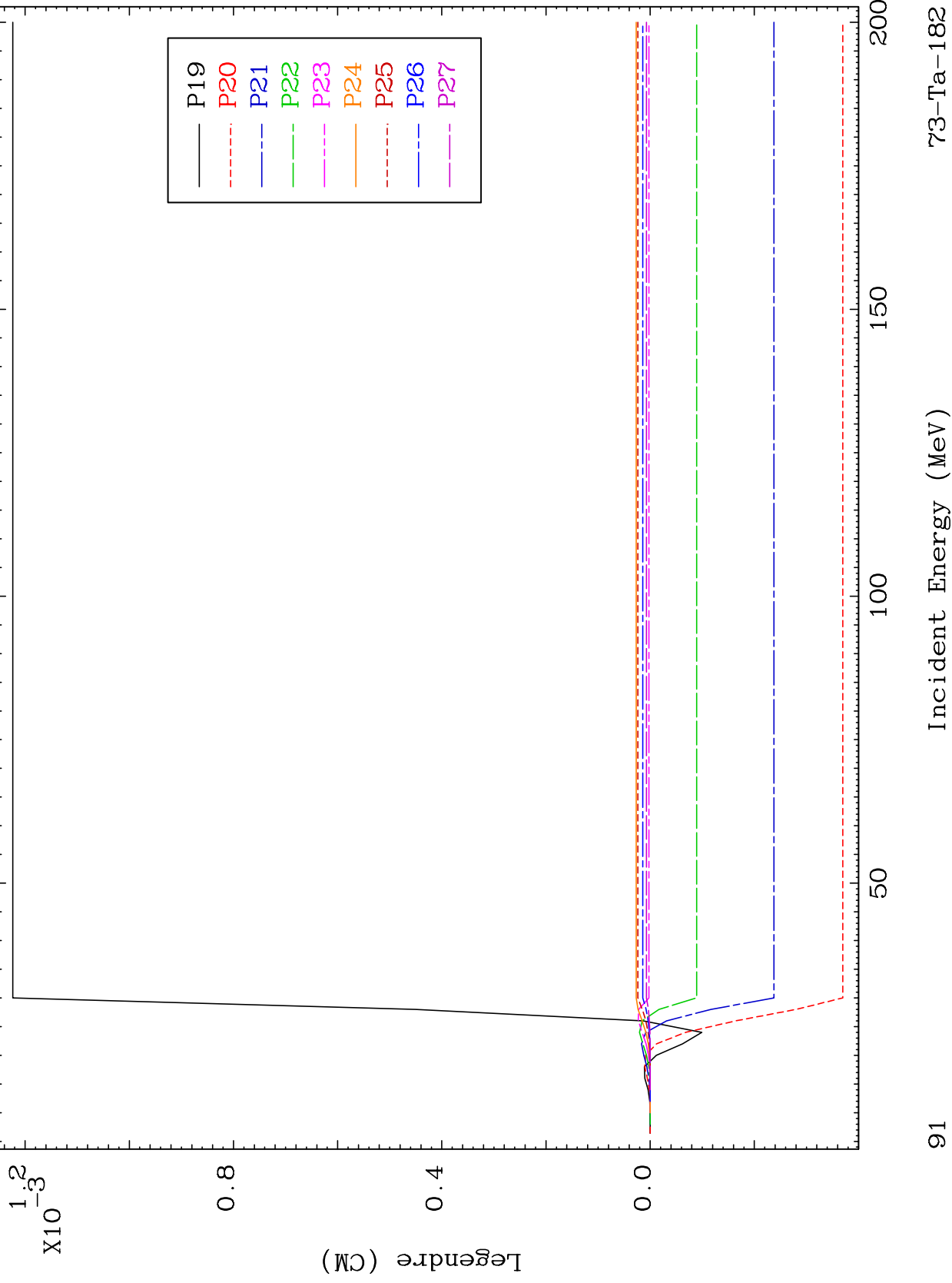
73-Ta-182



MAT 7331

411.3 keV (n,n') Level  
Legendre Coefficients

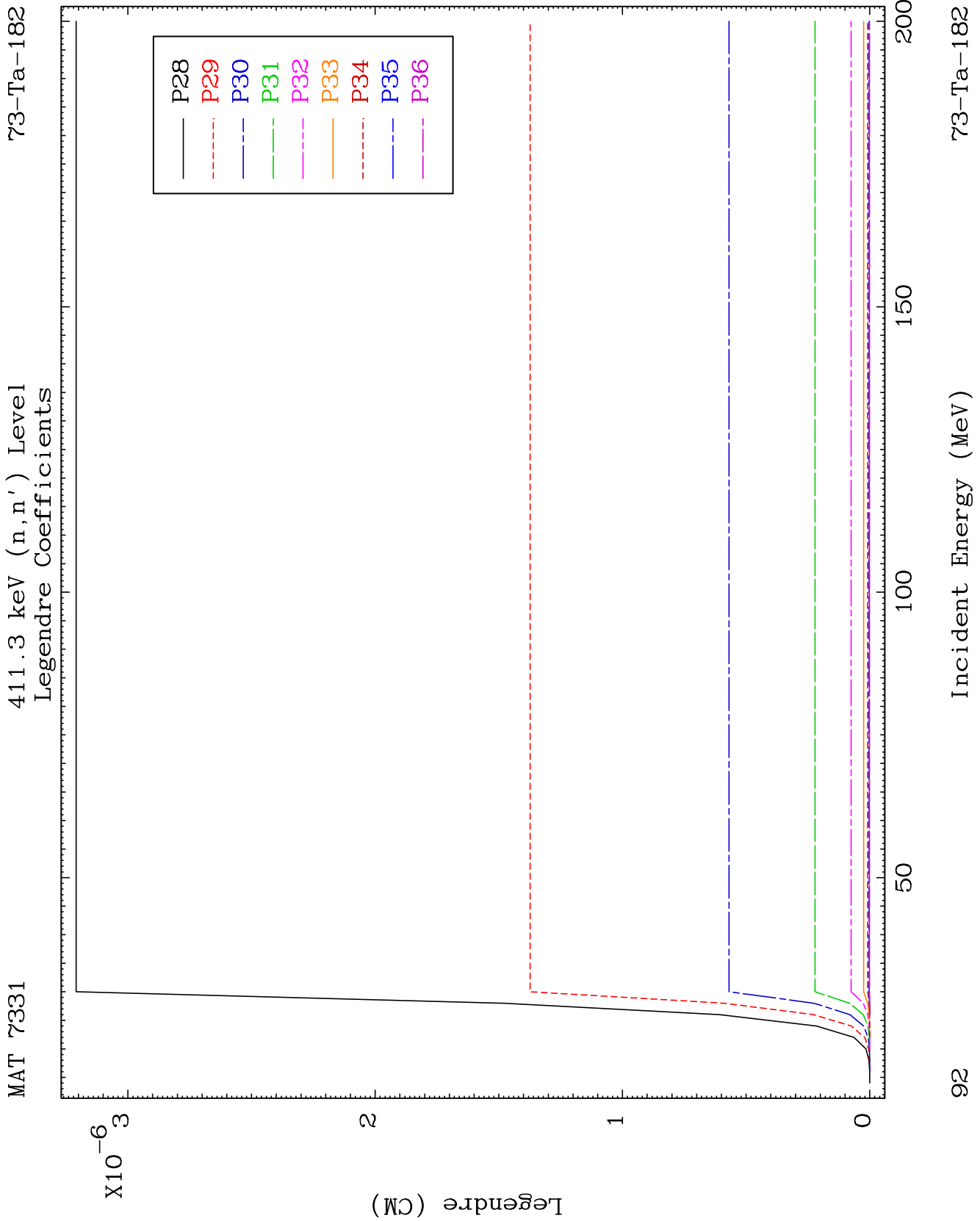
73-Ta-182

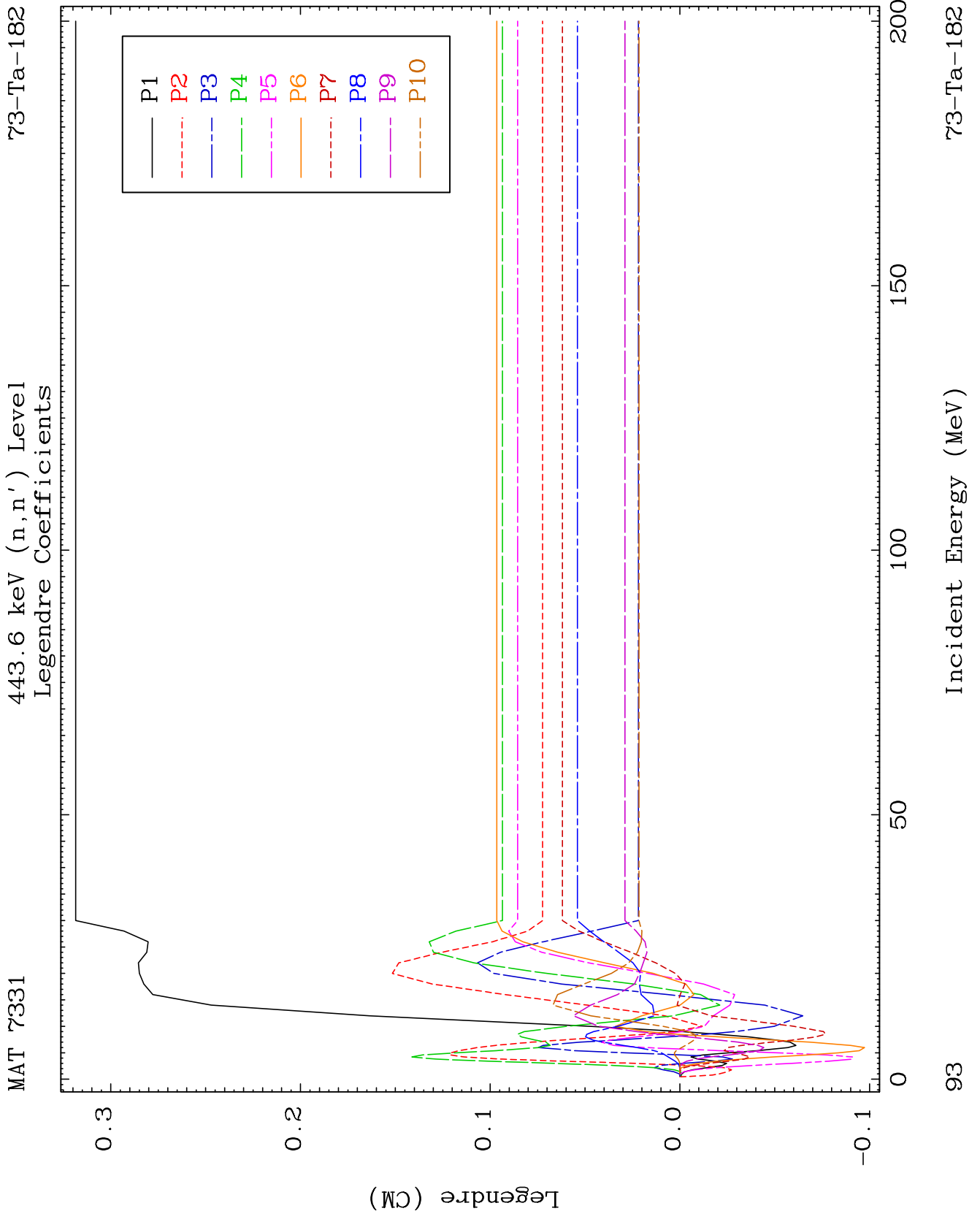


91

Incident Energy (MeV)

73-Ta-182

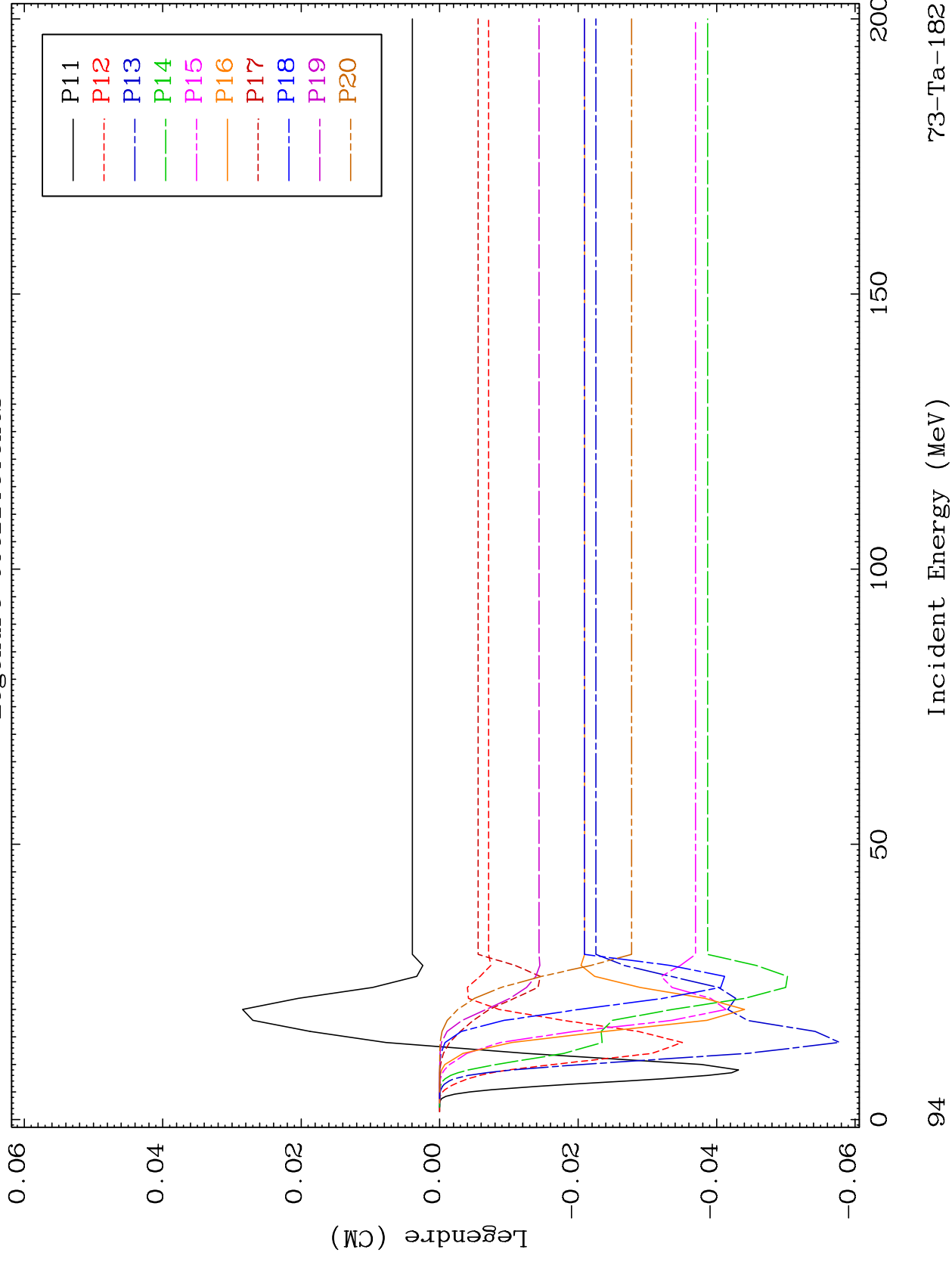




MAT 7331

443.6 keV (n,n') Level  
Legendre Coefficients

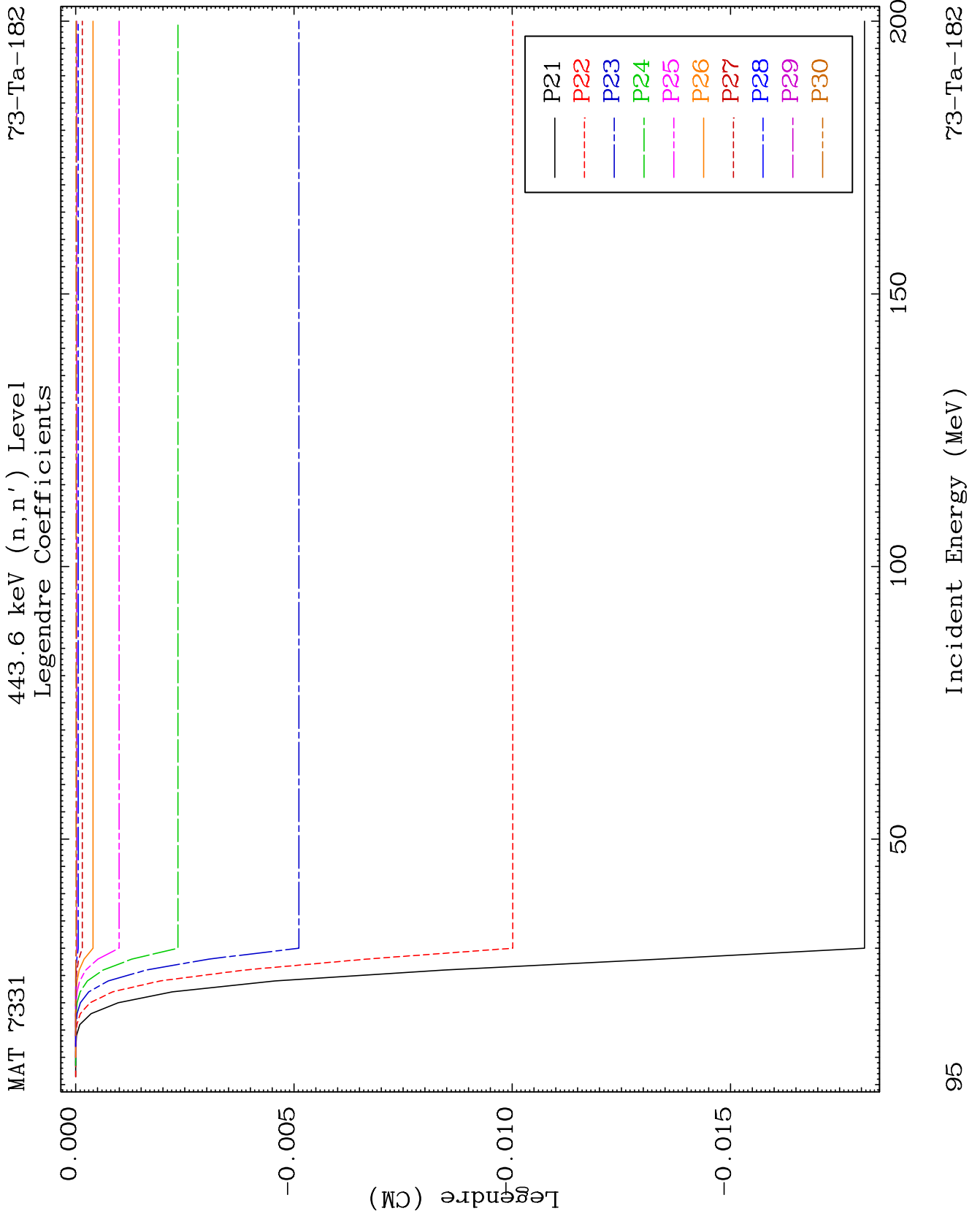
73-Ta-182



94

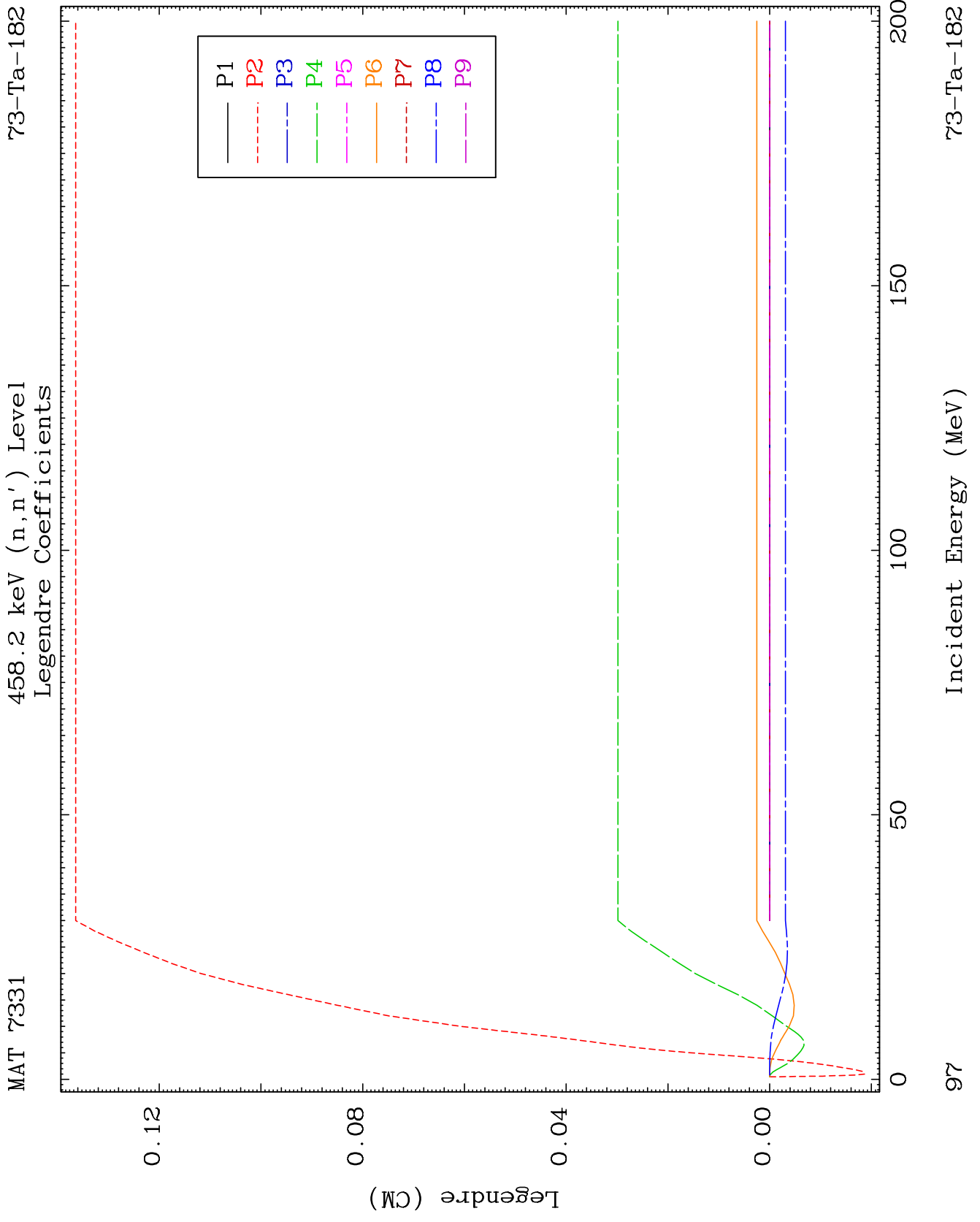
Incident Energy (MeV)

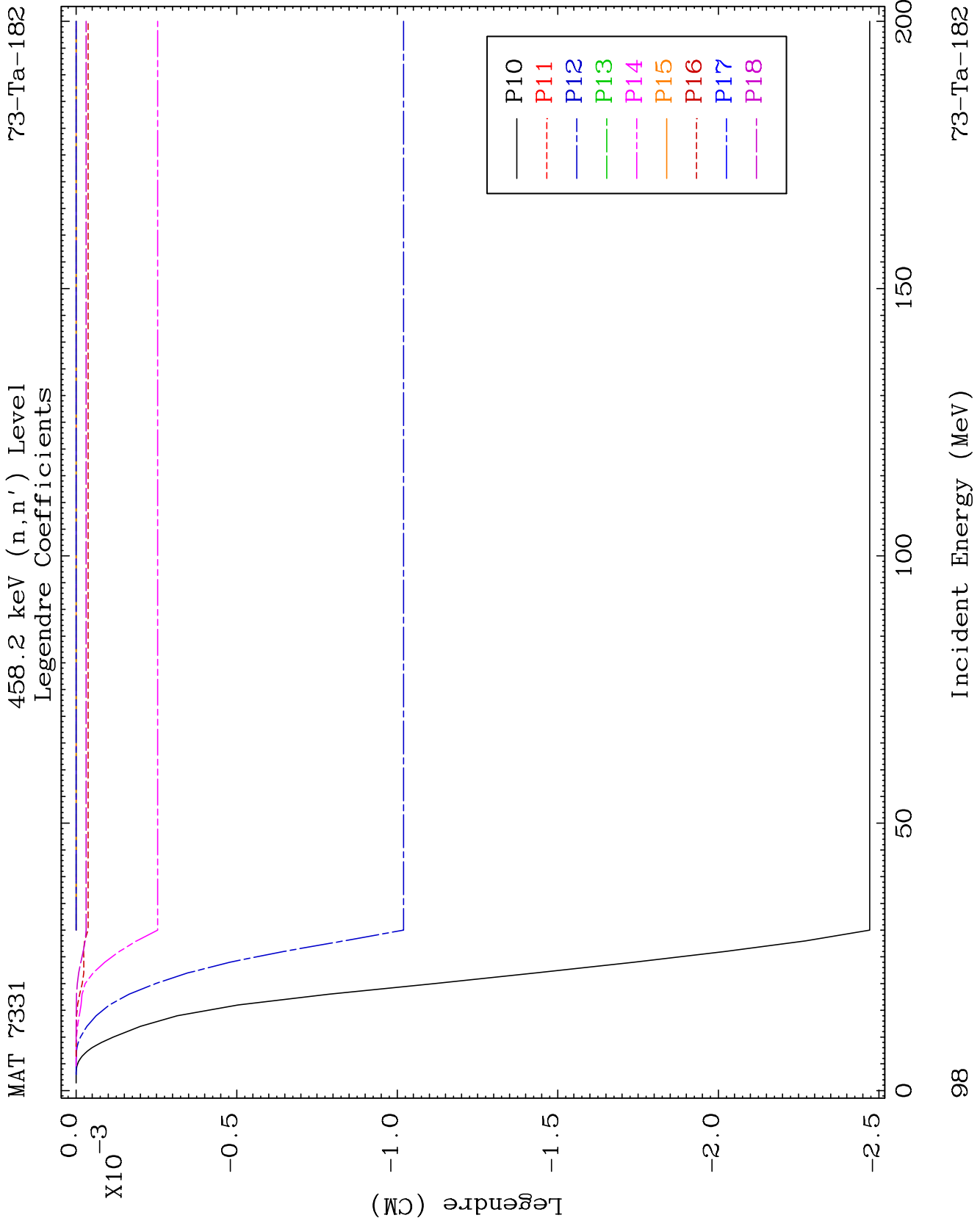
73-Ta-182

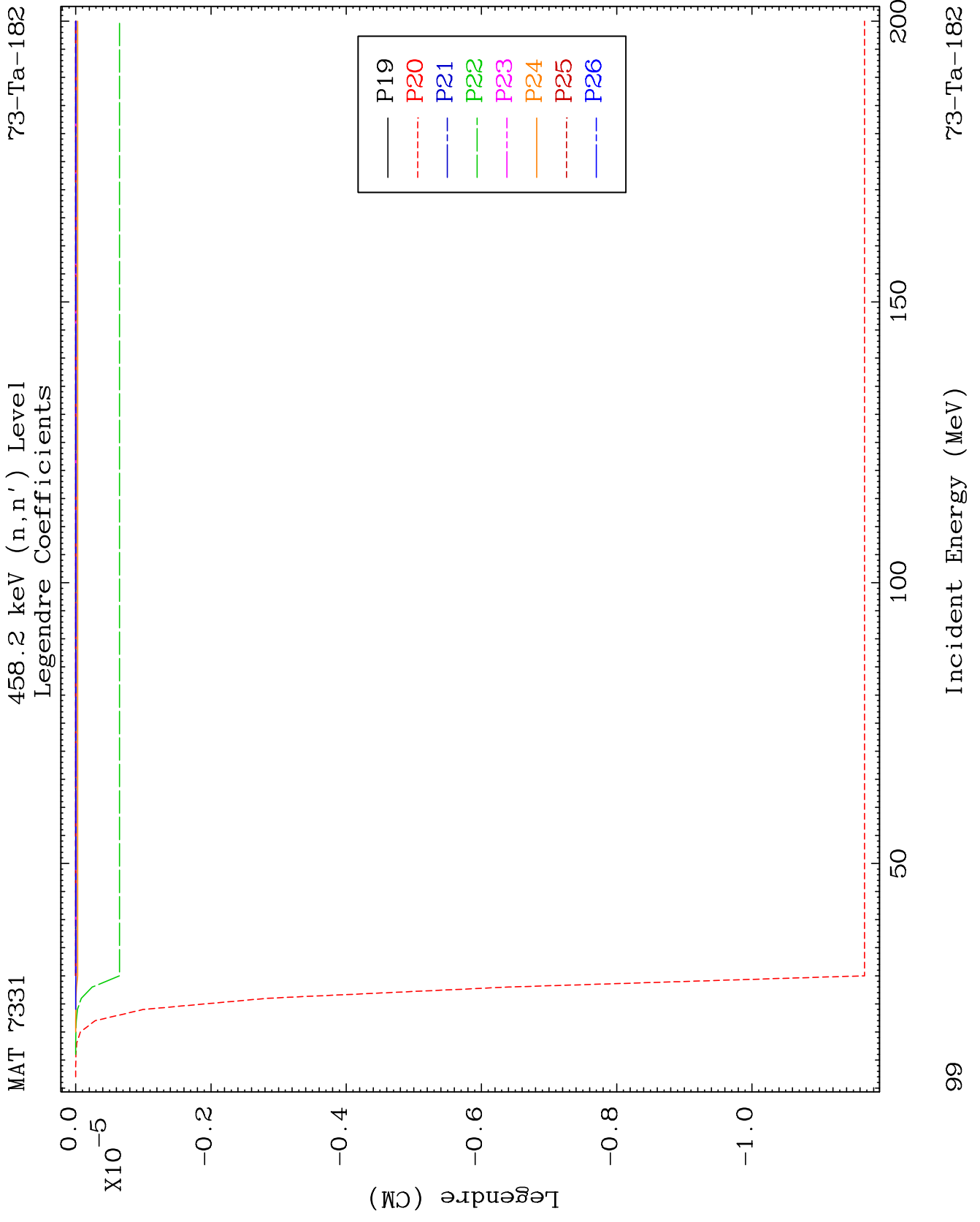










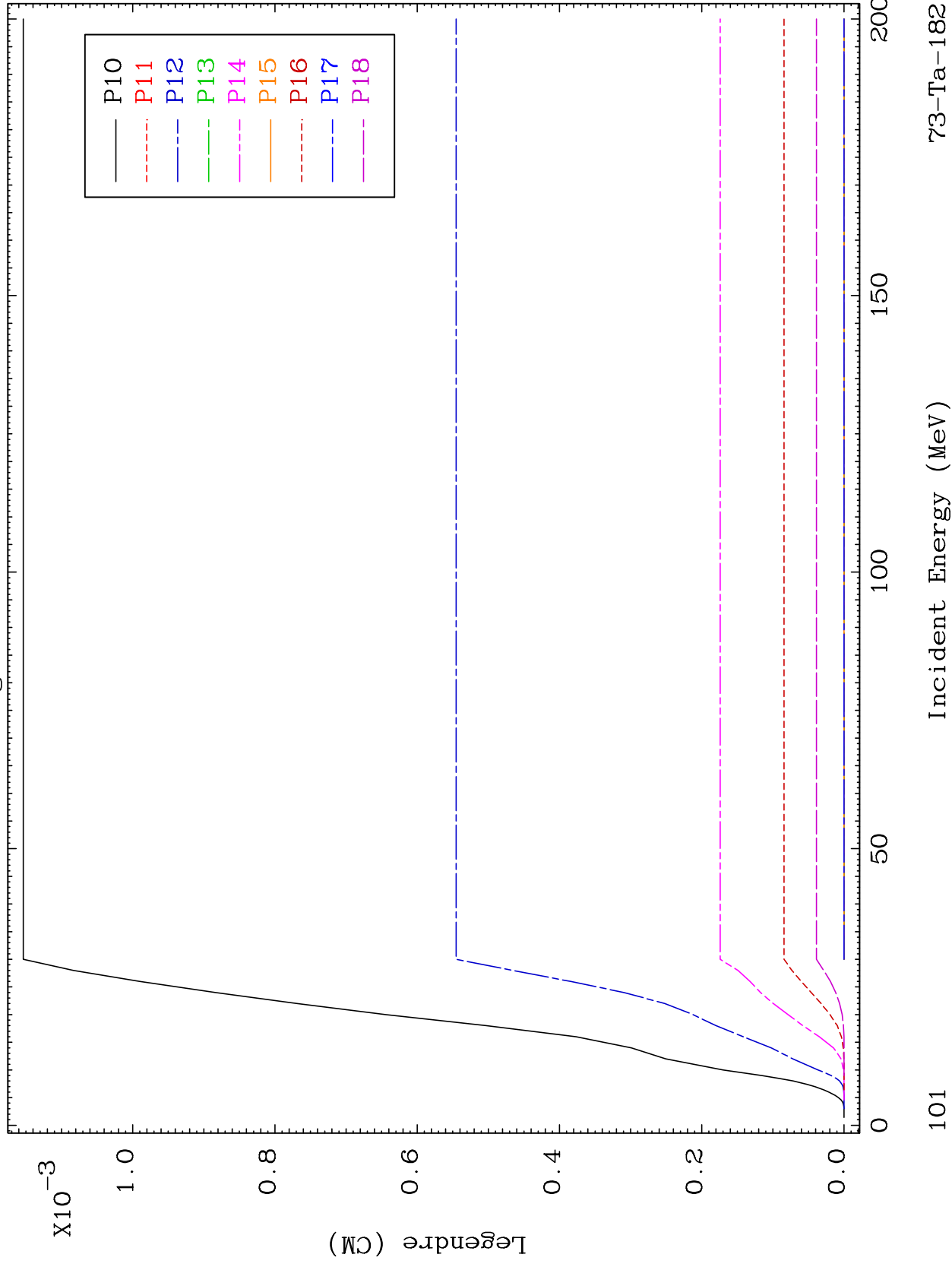




MAT 7331

475.6 keV (n,n') Level  
Legendre Coefficients

73-Ta-182



73-Ta-182

Incident Energy (MeV)

101



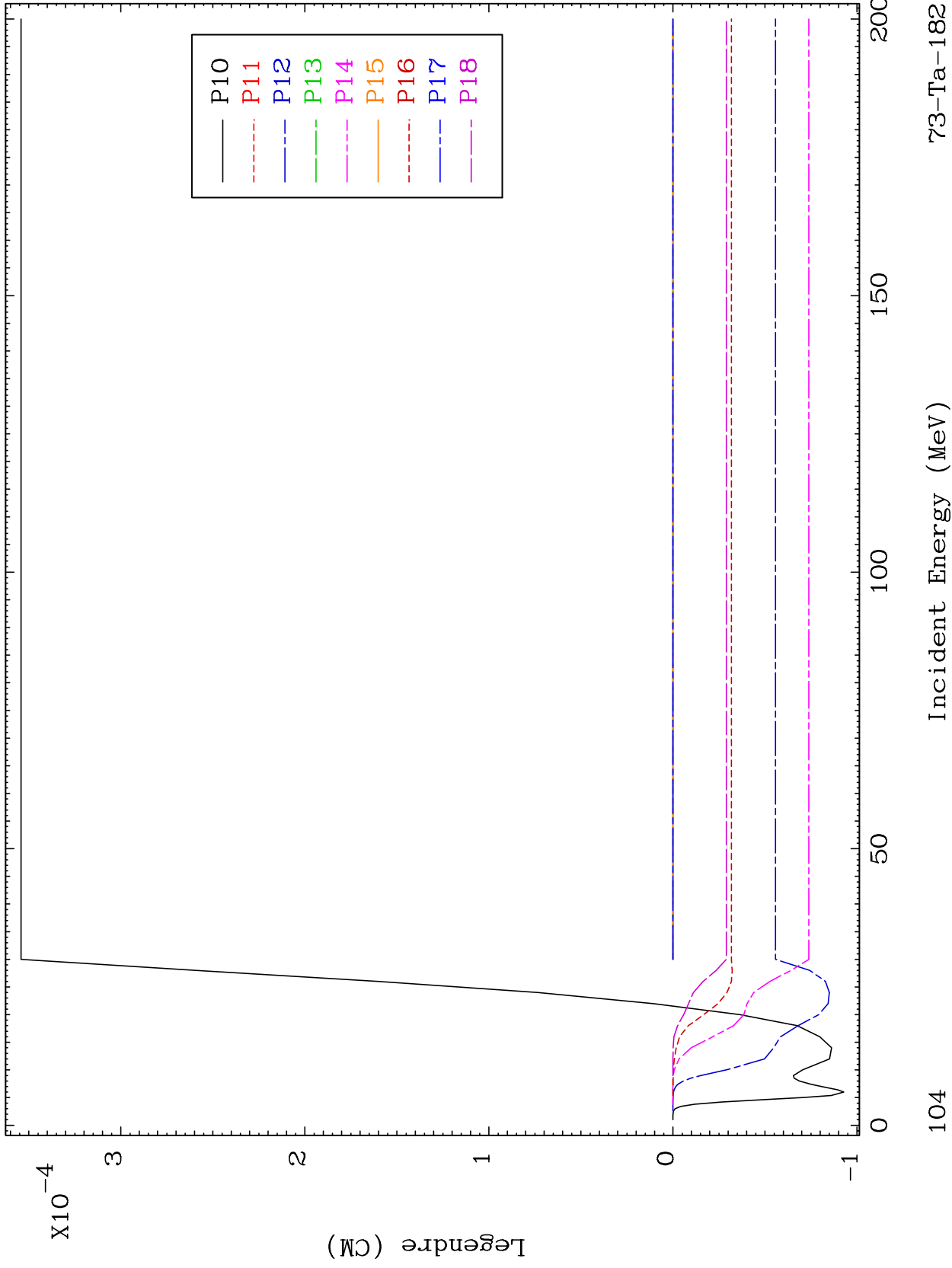




MAT 7331

480.0 keV (n,n') Level  
Legendre Coefficients

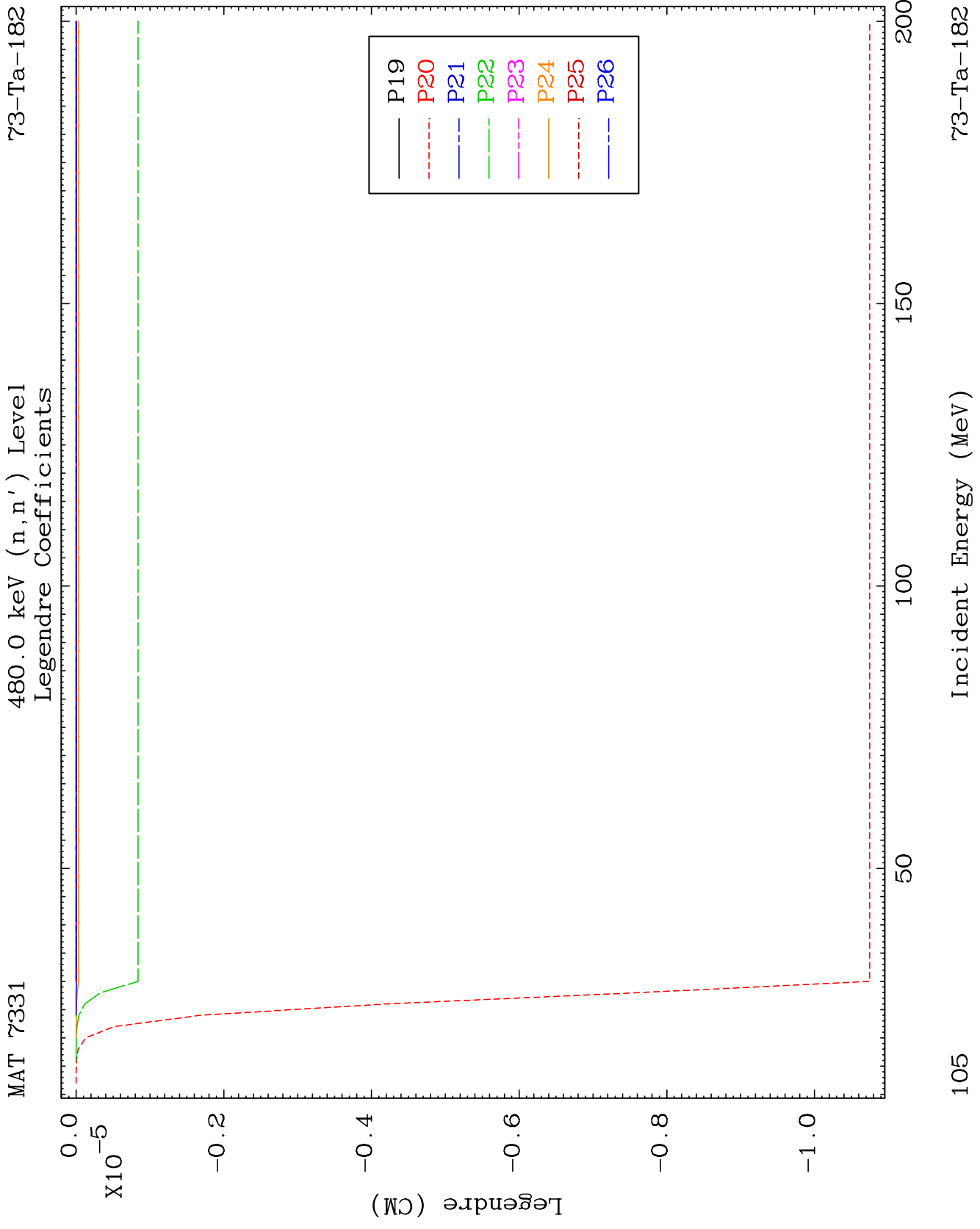
73-Ta-182

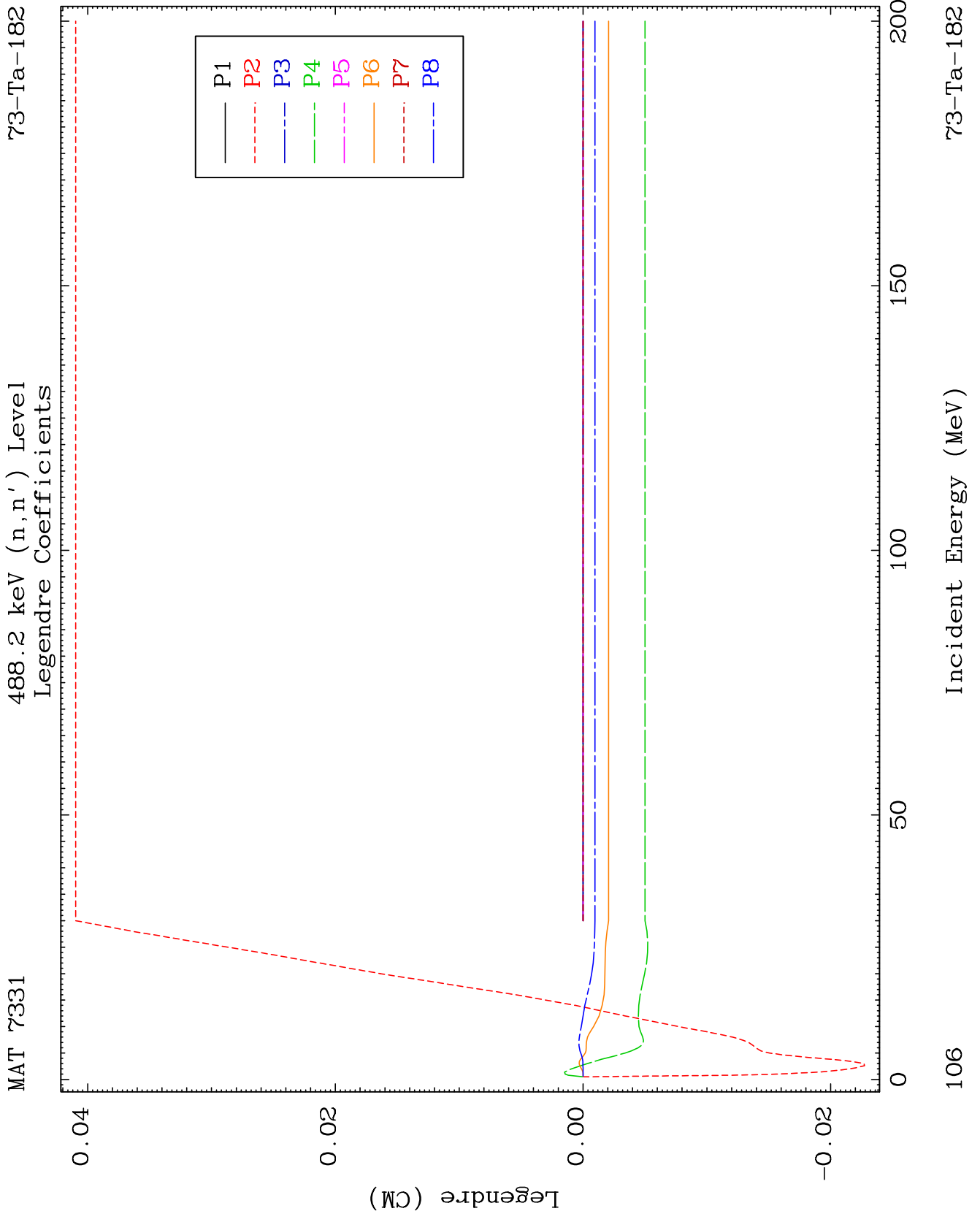


104

Incident Energy (MeV)

73-Ta-182

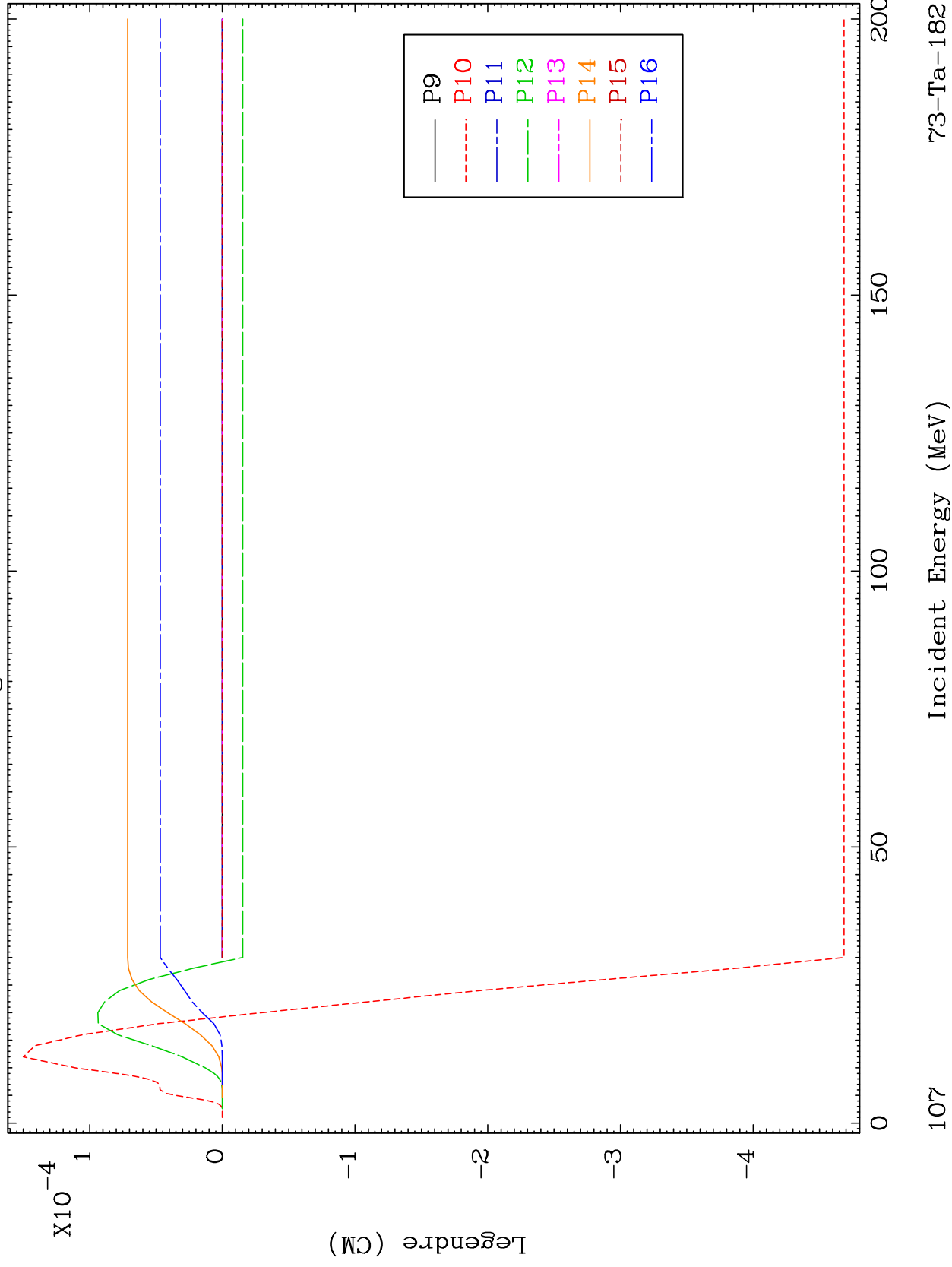




MAT 7331

488.2 keV (n,n') Level  
Legendre Coefficients

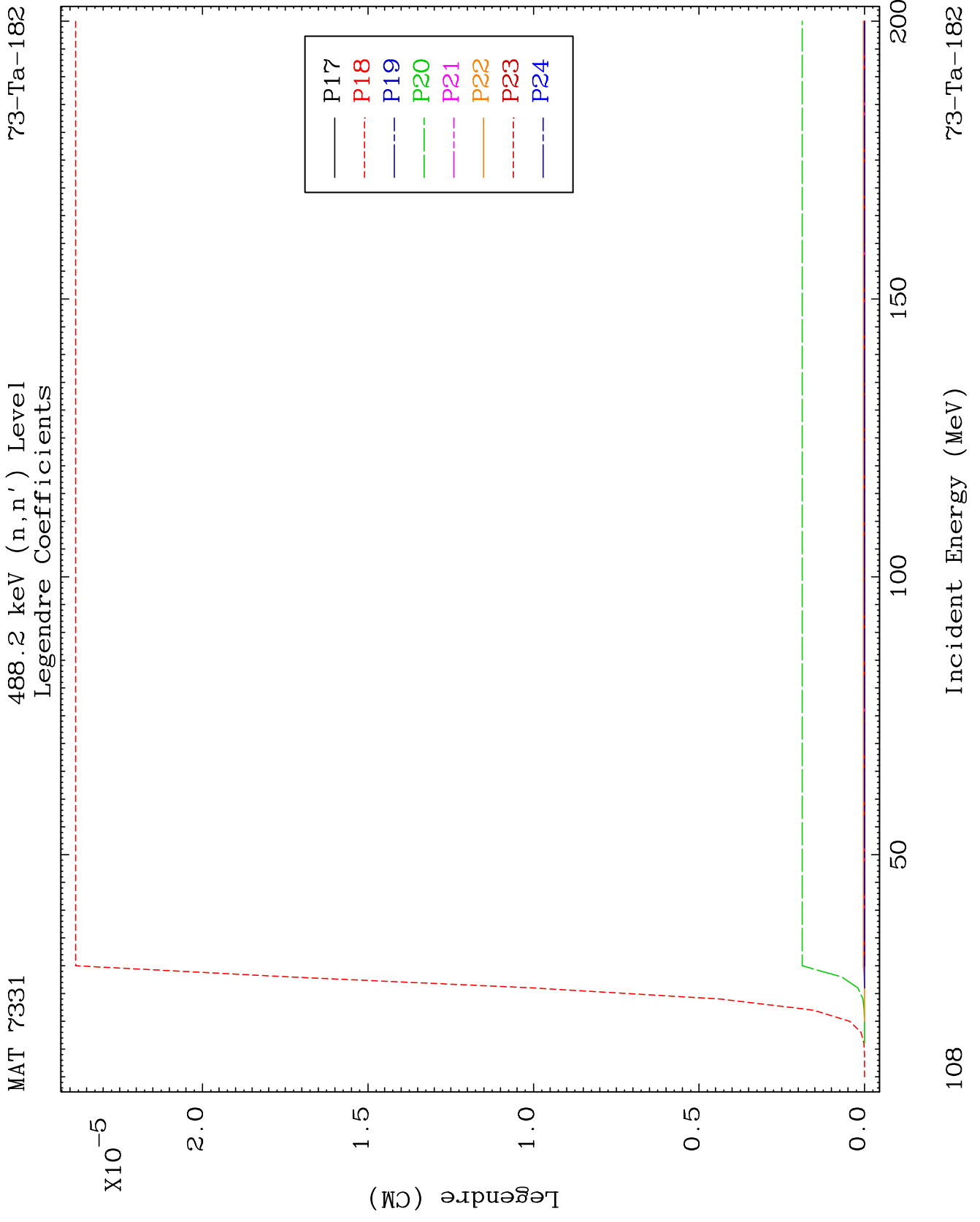
73-Ta-182

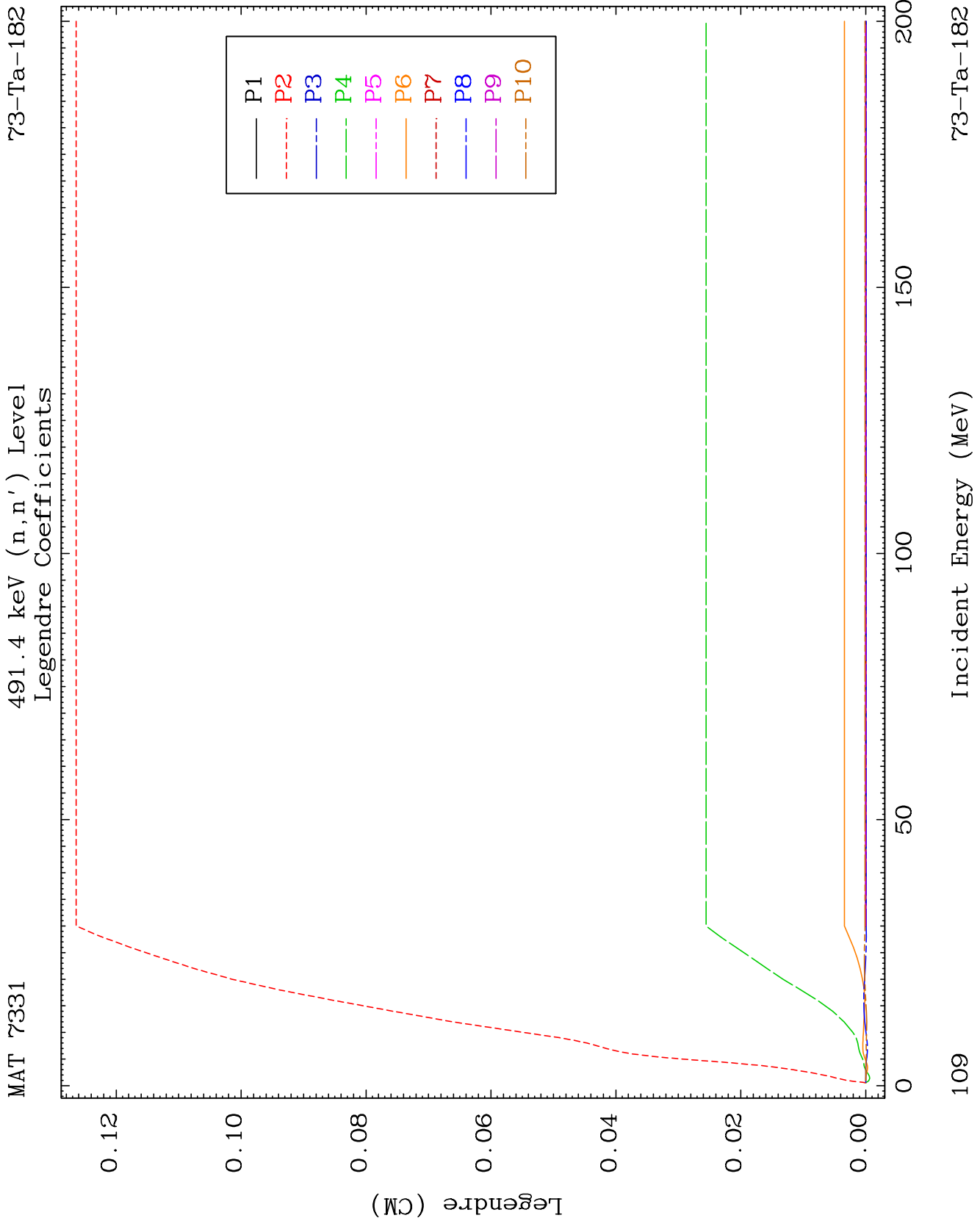


107

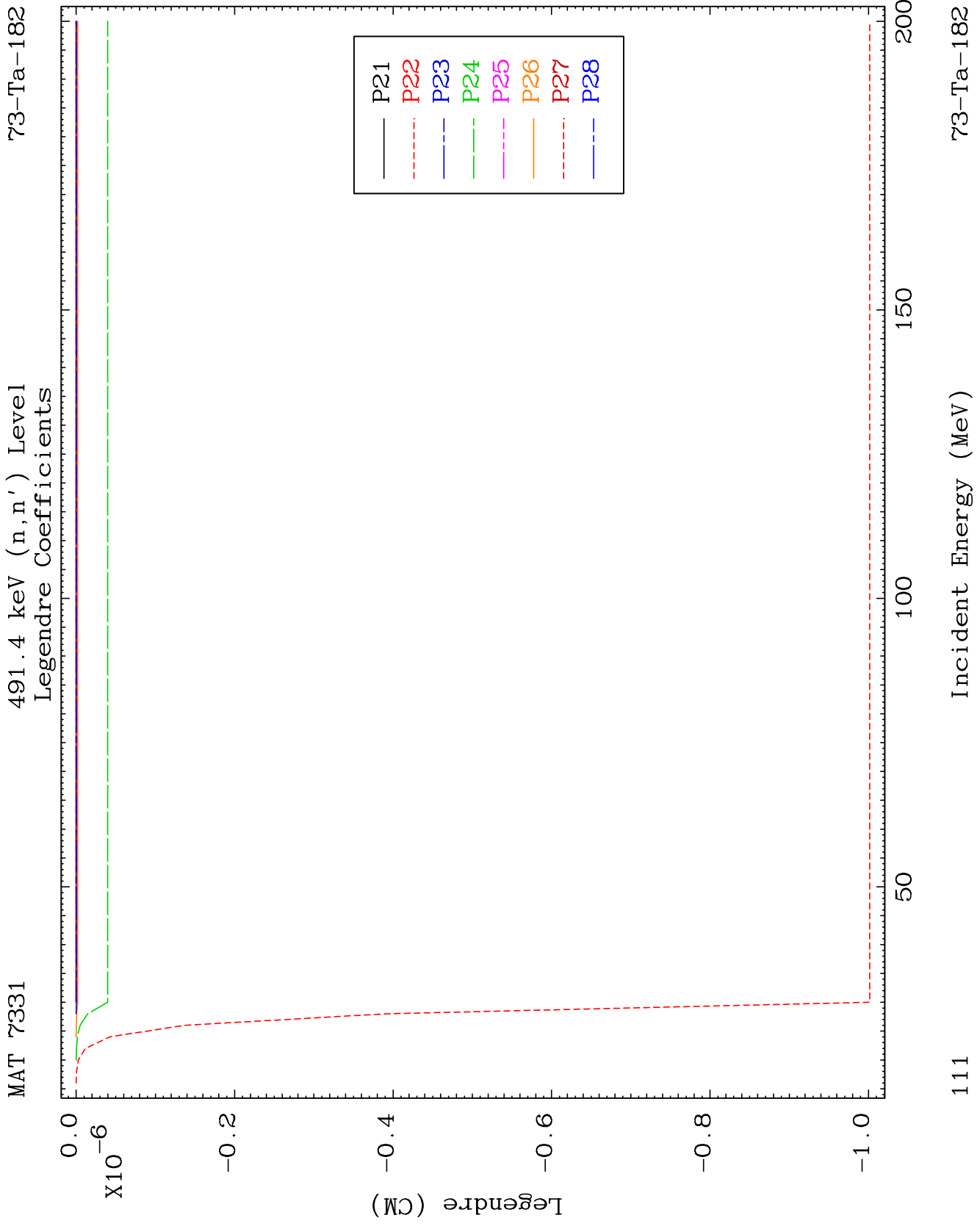
Incident Energy (MeV)

73-Ta-182



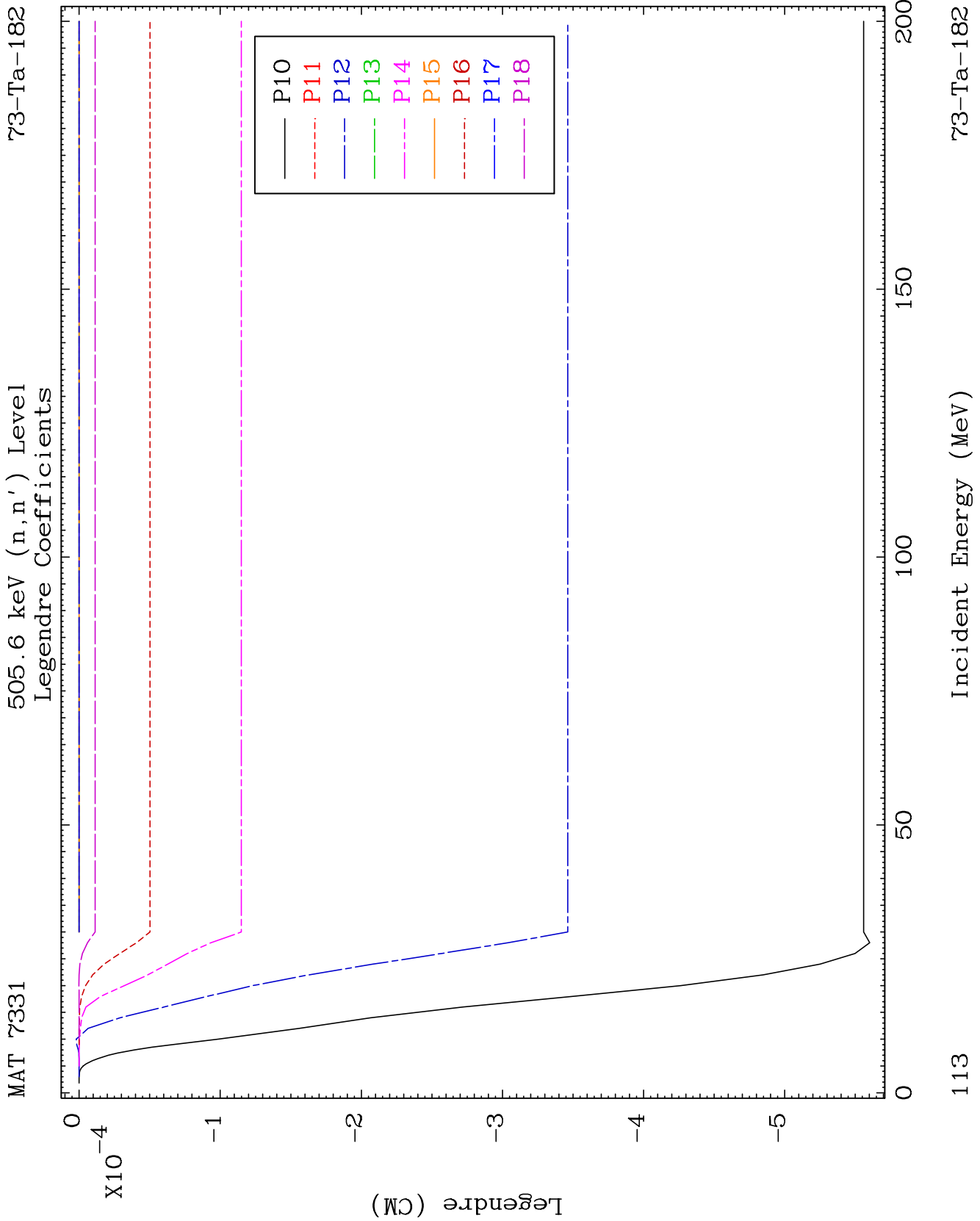












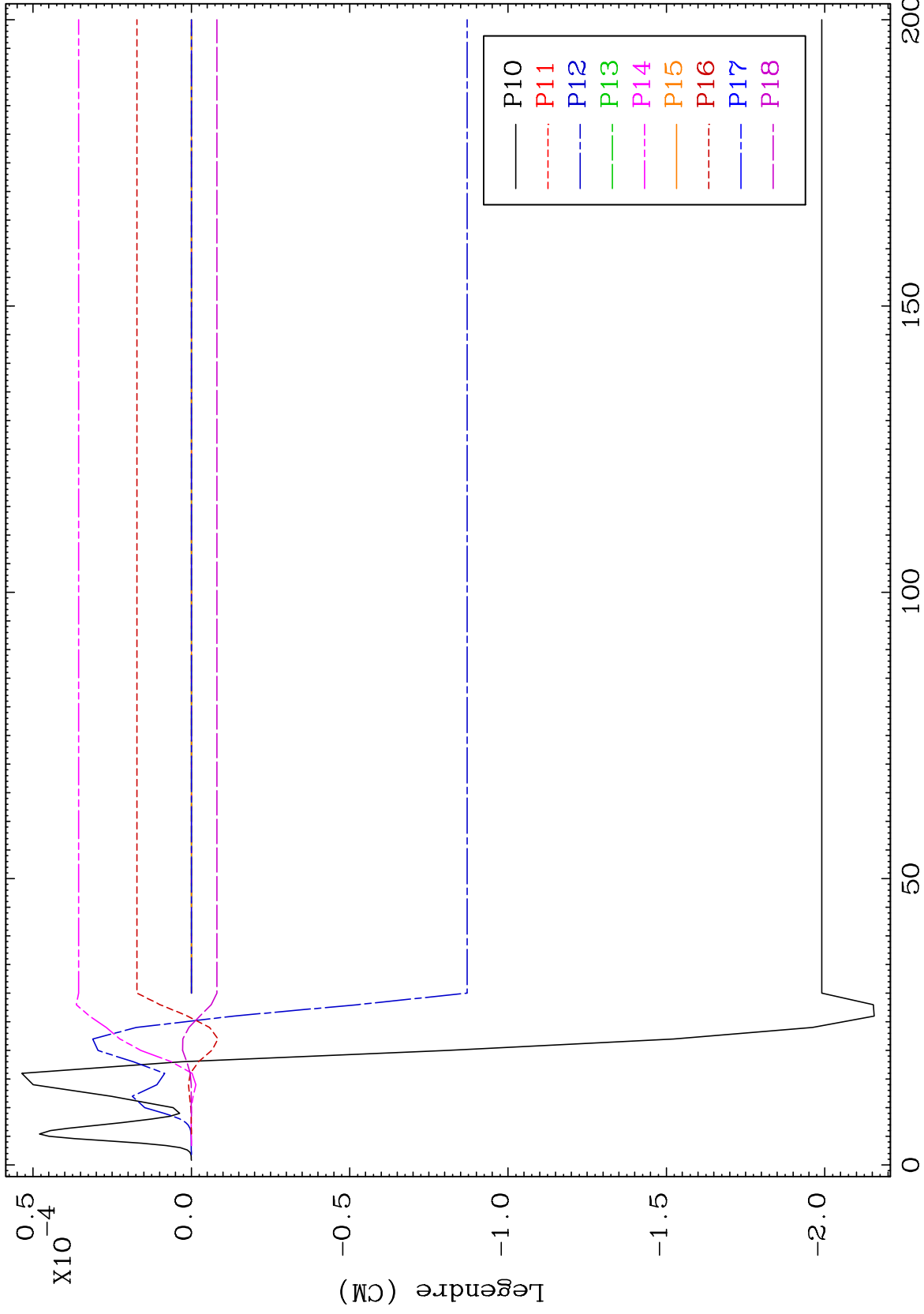




MAT 7331

519.6 keV (n,n') Level  
Legendre Coefficients

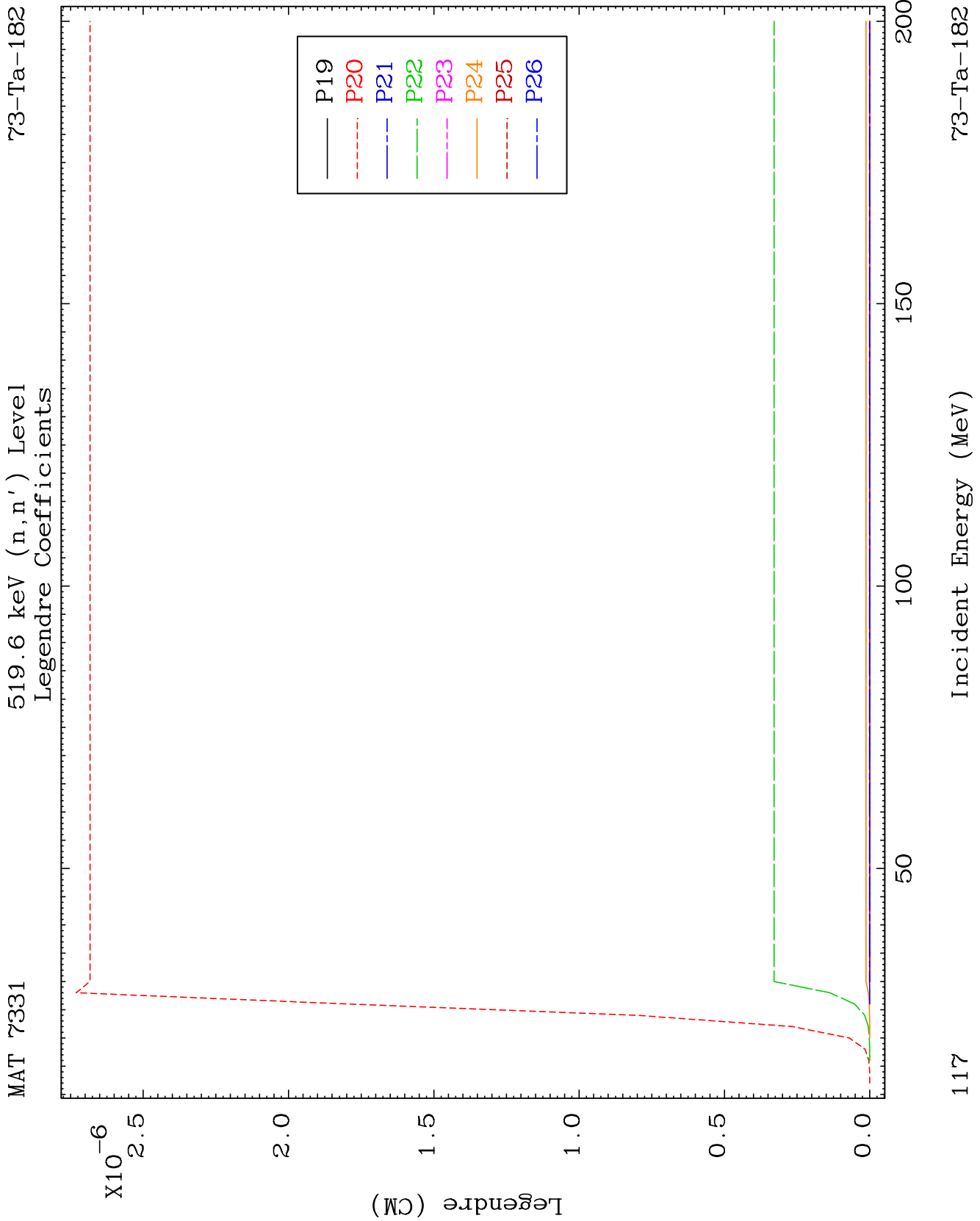
73-Ta-182

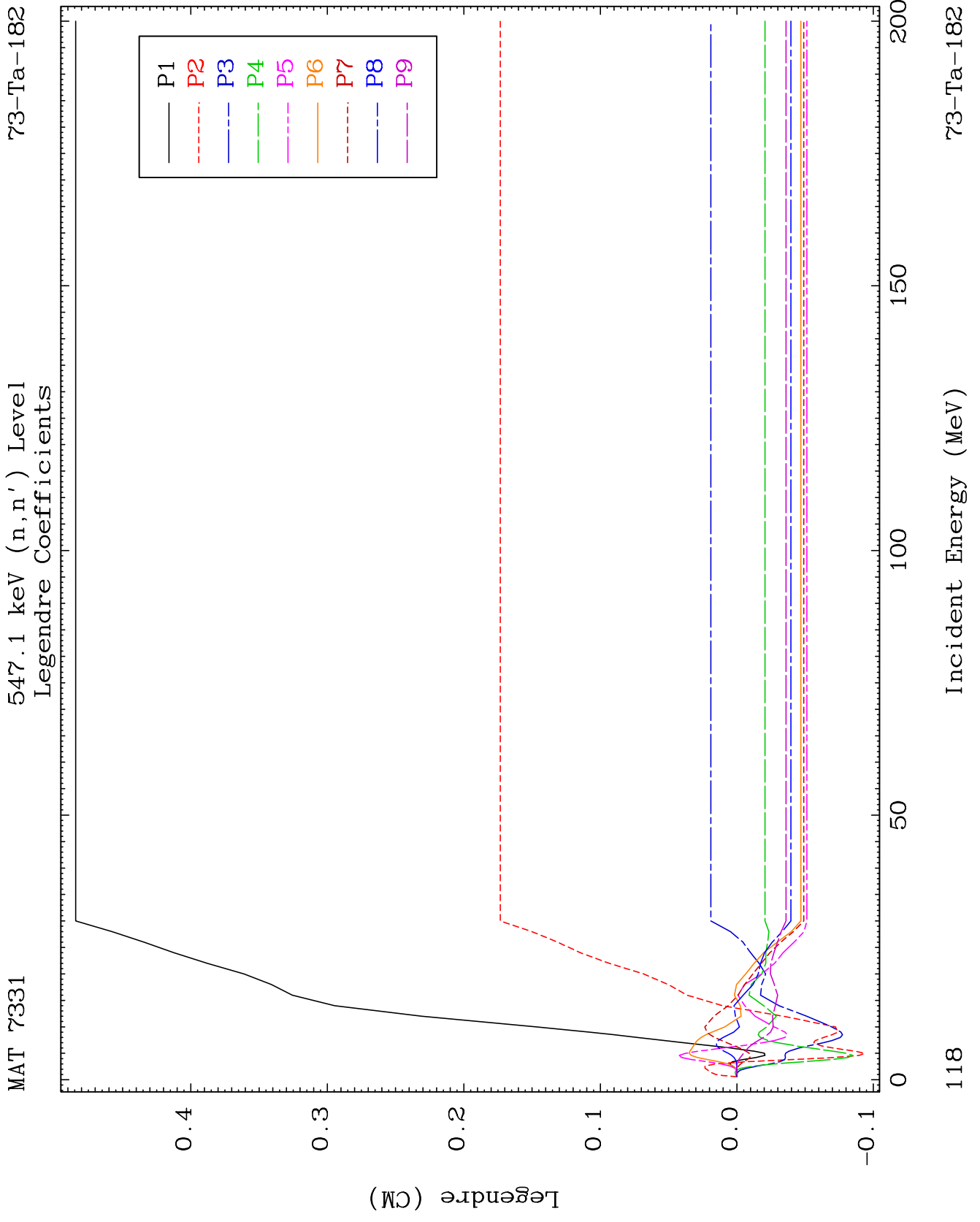


116

Incident Energy (MeV)

73-Ta-182

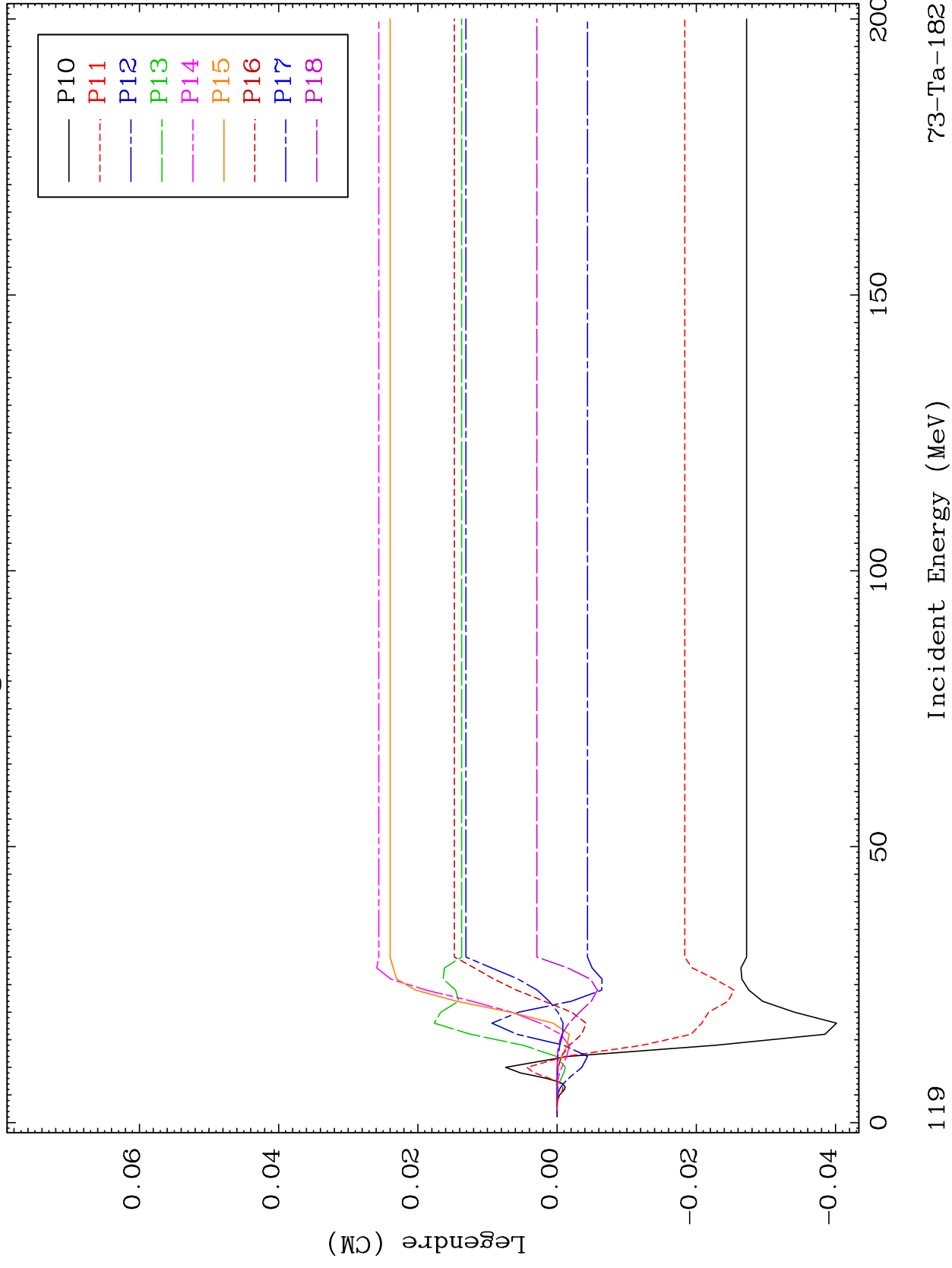




MAT 7331

547.1 keV (n,n') Level  
Legendre Coefficients

73-Ta-182



119

Incident Energy (MeV)

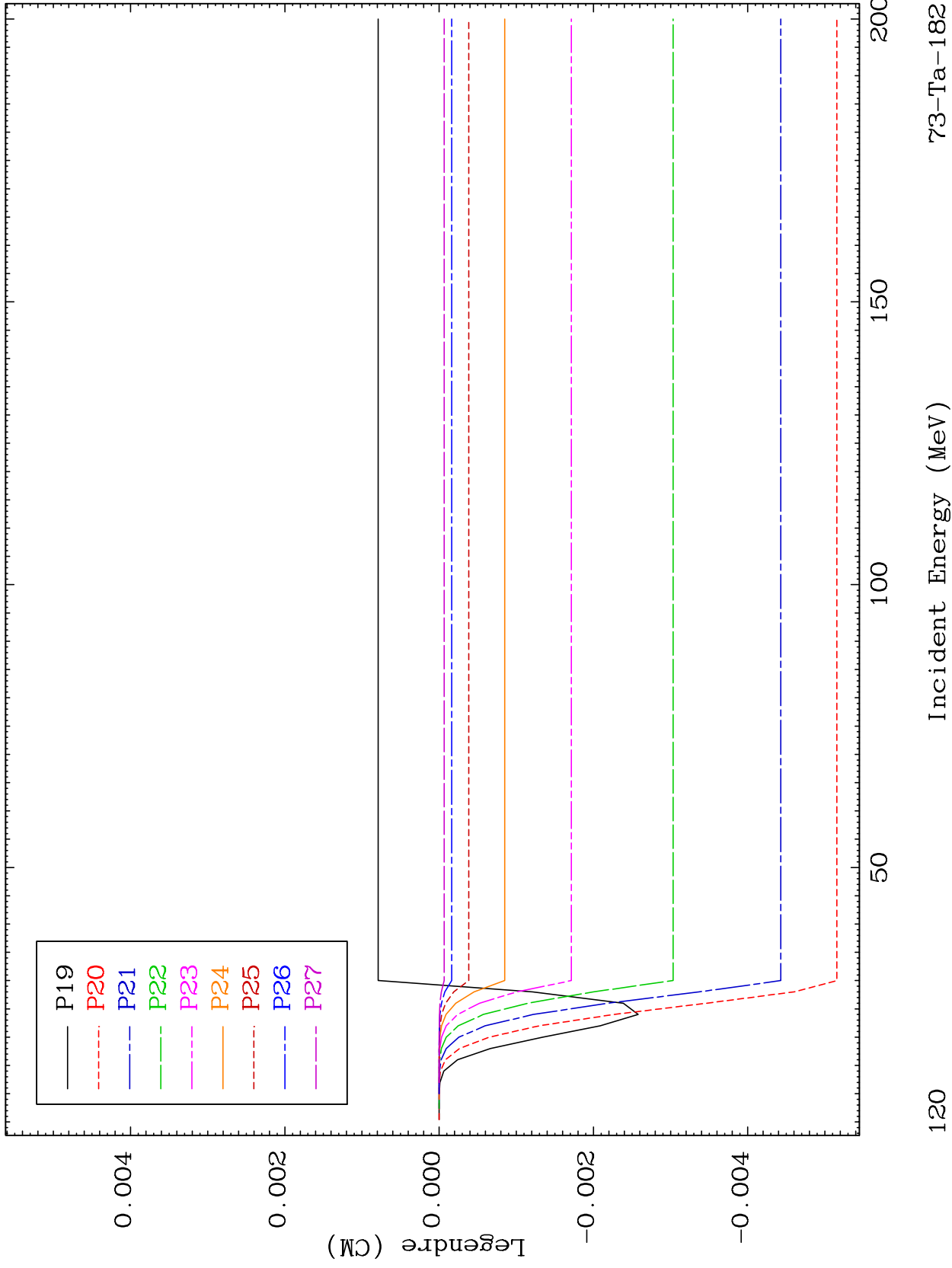
73-Ta-182



MAT 7331

547.1 keV (n,n') Level  
Legendre Coefficients

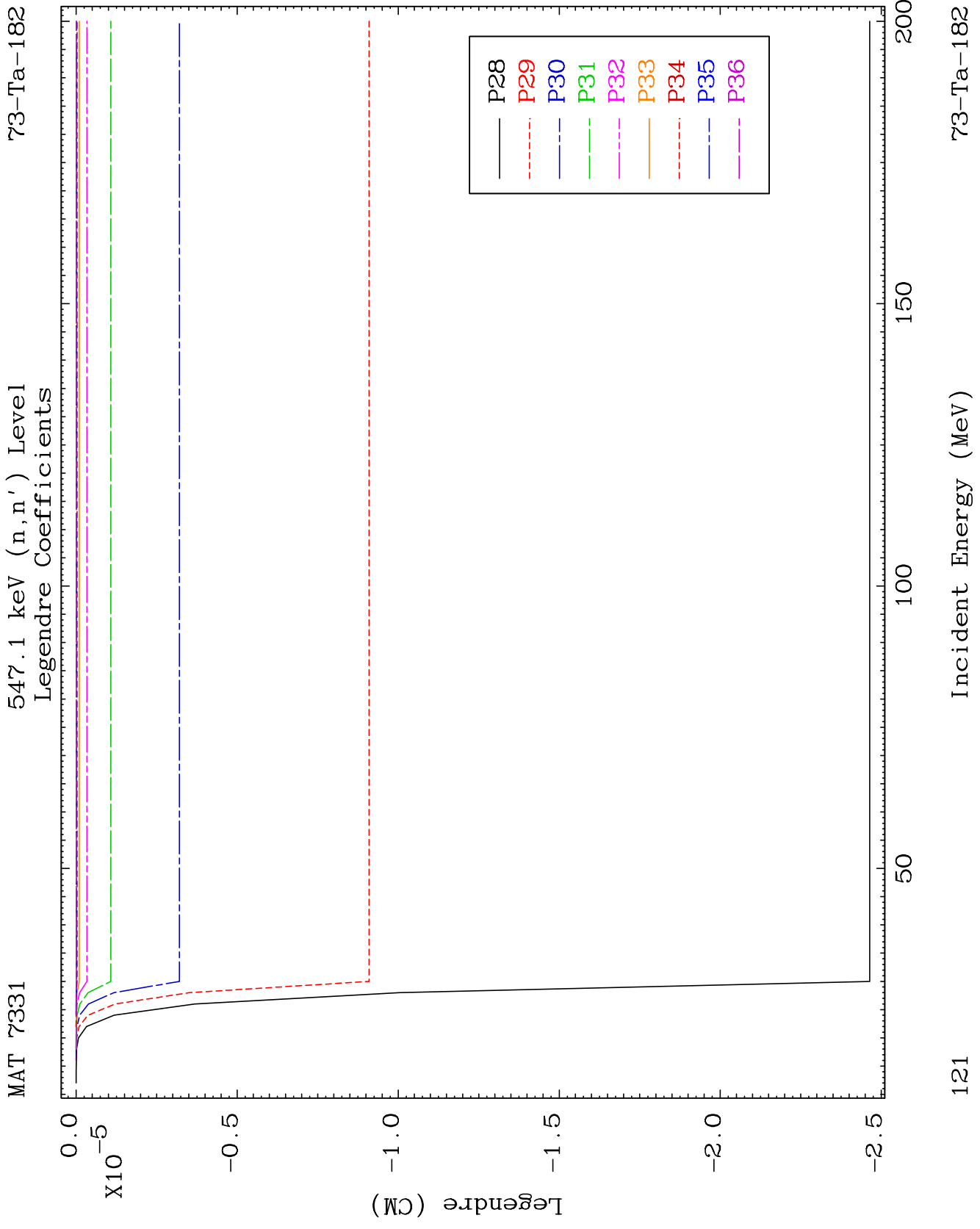
73-Ta-182



120

Incident Energy (MeV)

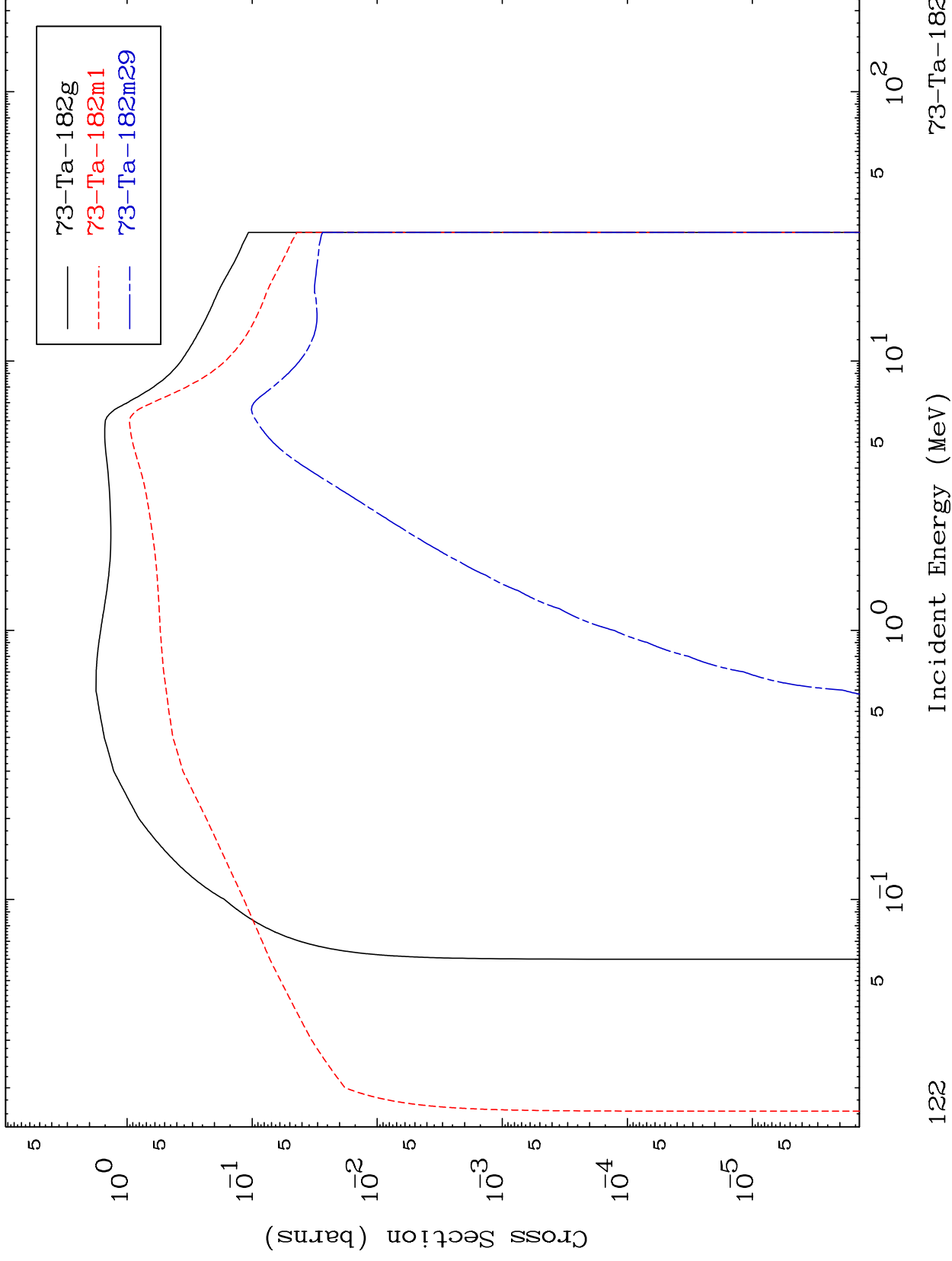
73-Ta-182



MAT 7331

73-Ta-182

Inelastic  
Radionuclide Production Cross Section



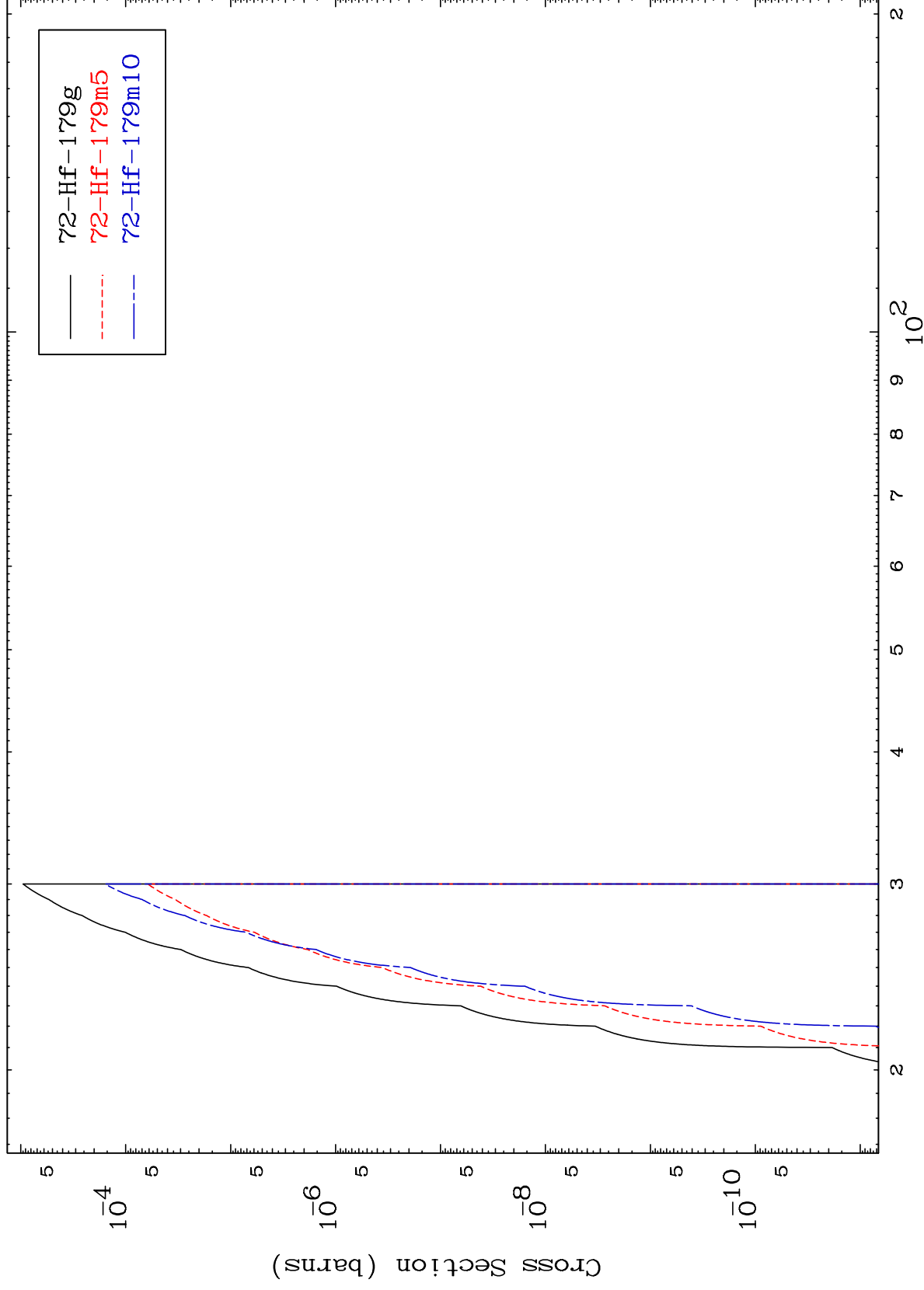
122

MAT 7331

(n,2n) d

73-Ta-182

Radionuclide Production Cross Section



123

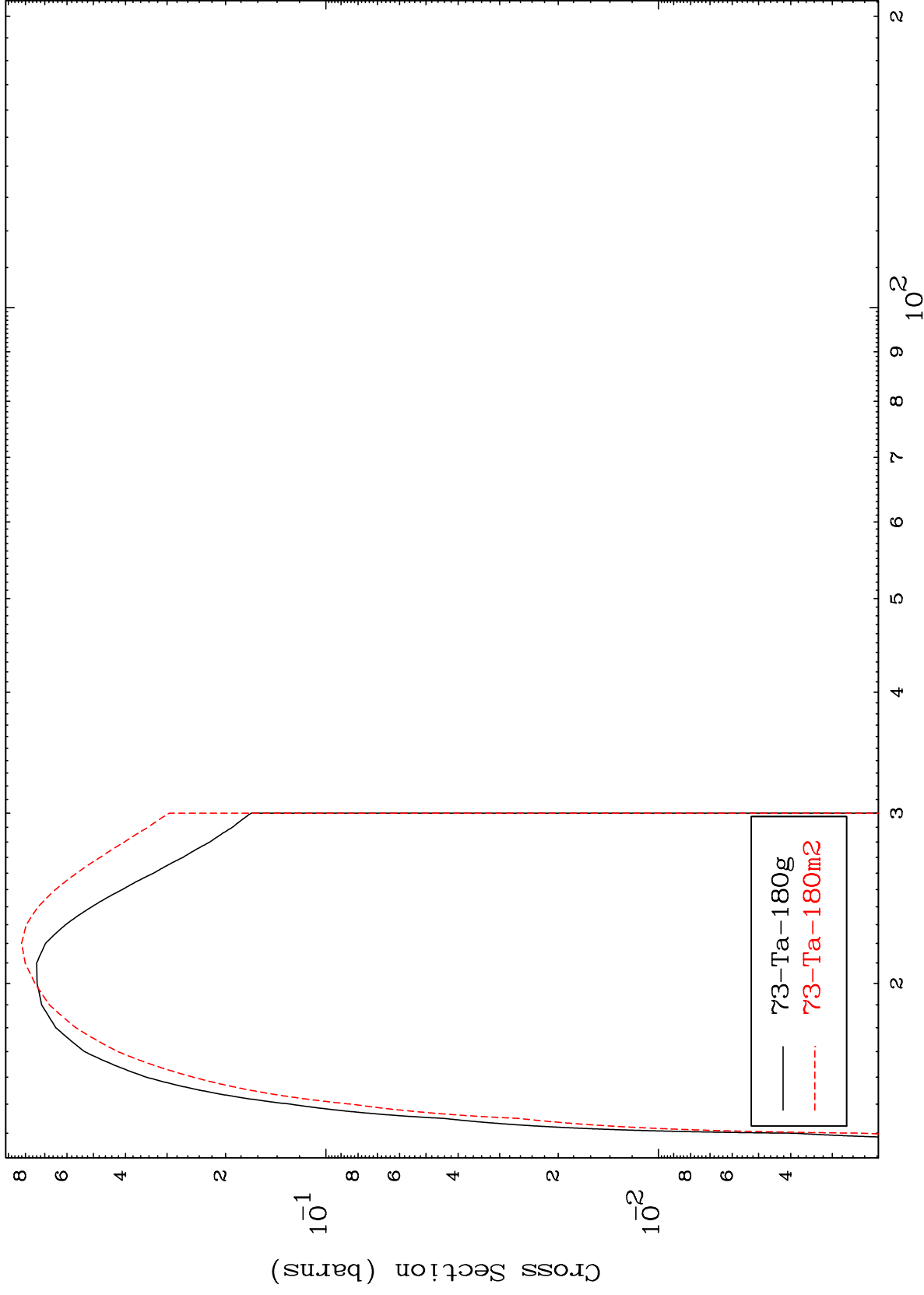
Incident Energy (MeV)

73-Ta-182

MAT 7331

<sup>73</sup>Ta-182

(n,3n)  
Radionuclide Production Cross Section



124

<sup>73</sup>Ta-182

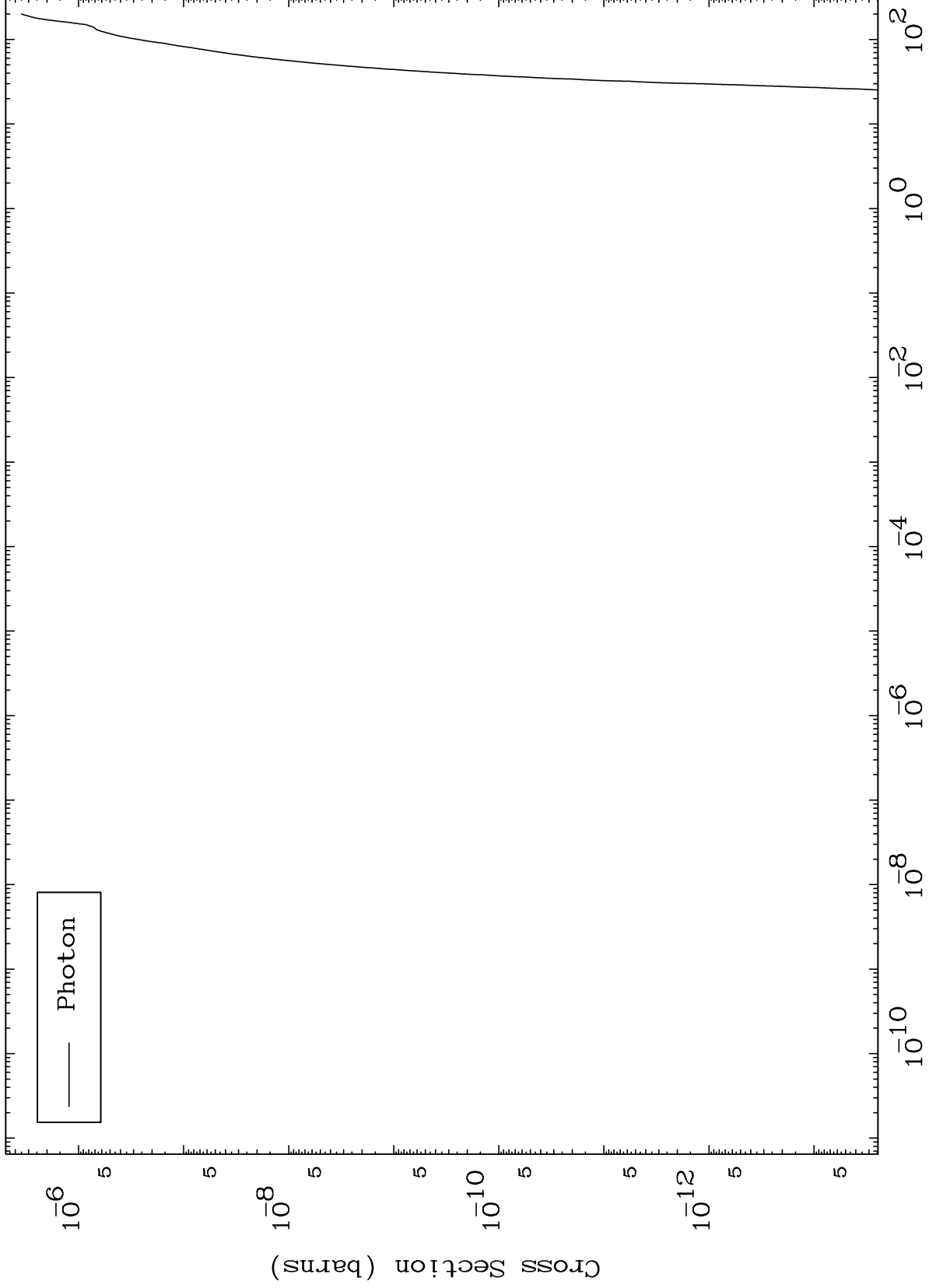
Incident Energy (MeV)

MAT 7331

Fission

<sup>73</sup>Ta-182

Radionuclide Production Cross Section

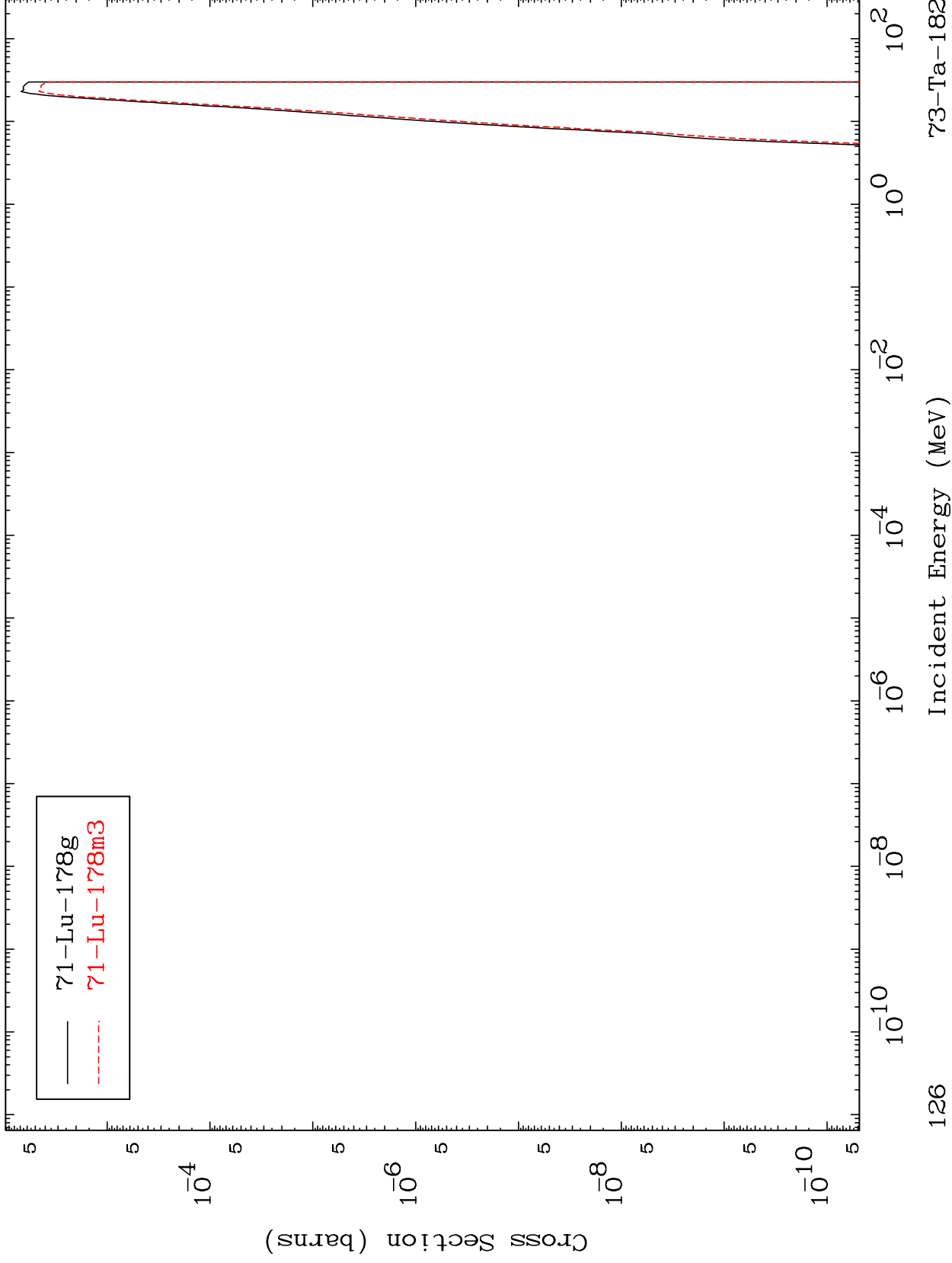


MAT 7331

$(n, n') \alpha$

$^{73}\text{Ta-182}$

Radionuclide Production Cross Section

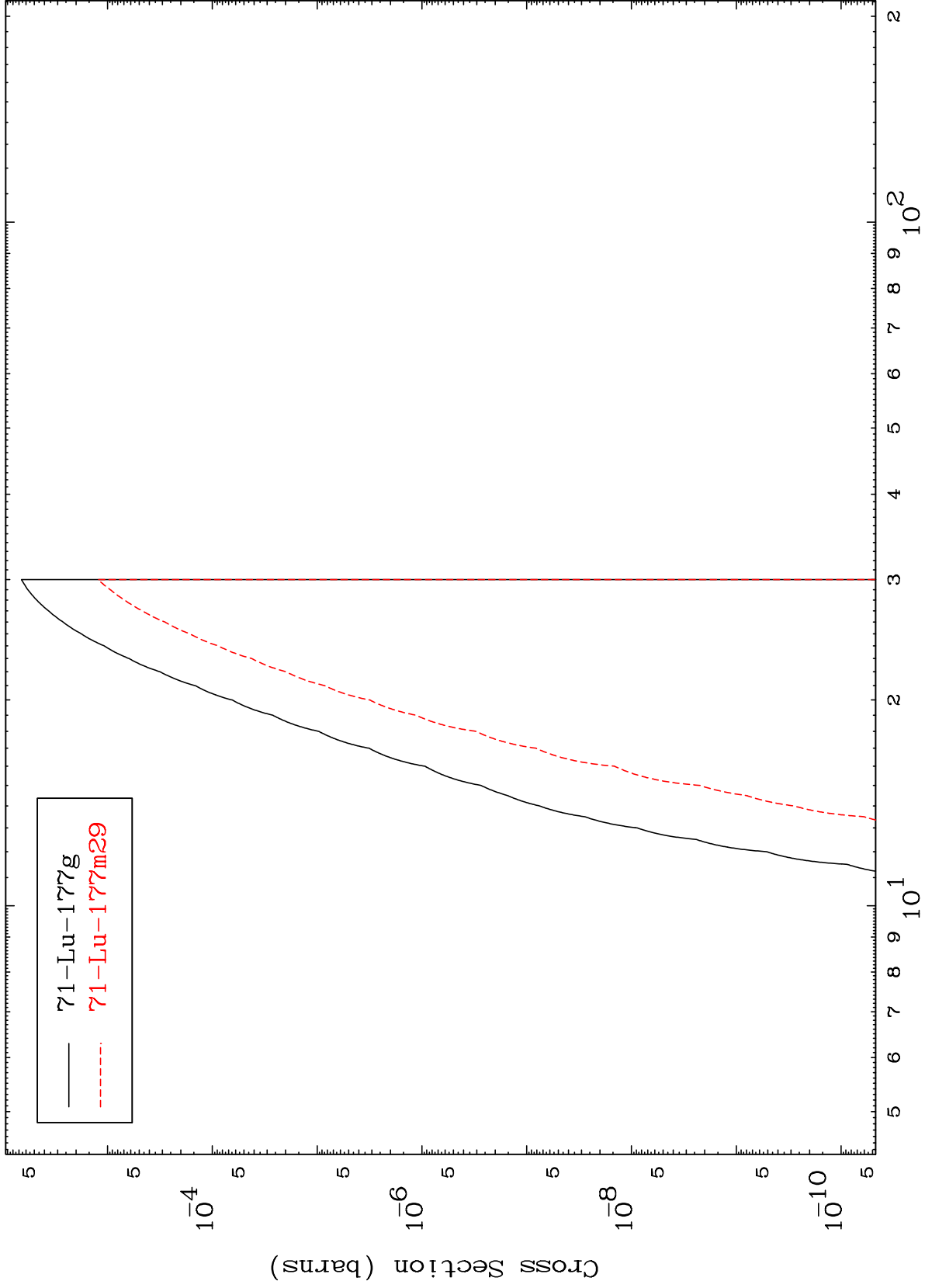


MAT 7331

$(n, 2n) \alpha$

$^{73}\text{Ta-182}$

Radionuclide Production Cross Section



127

Incident Energy (MeV)

$^{73}\text{Ta-182}$

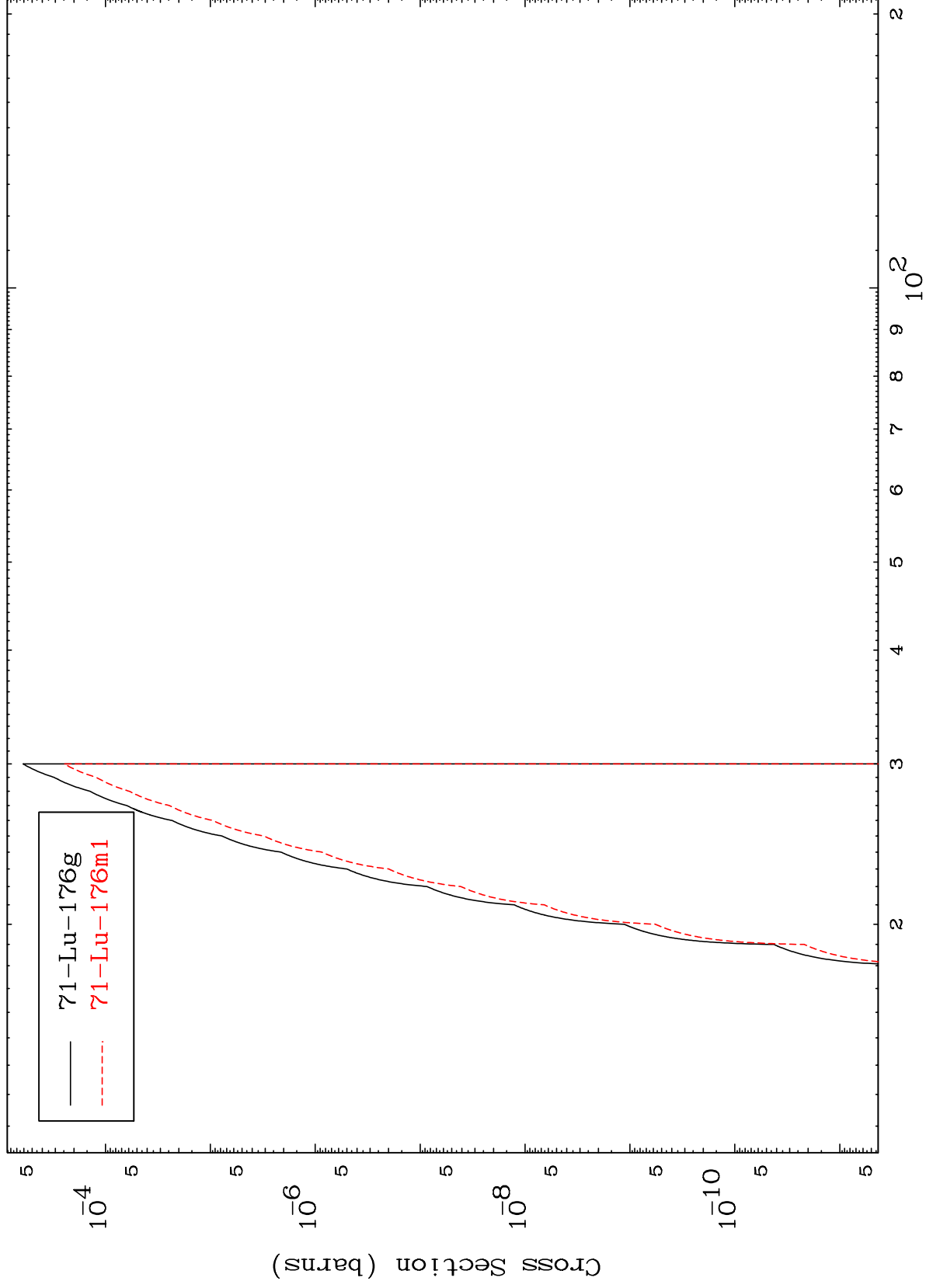


MAT 7331

(n,3n)  $\alpha$

<sup>73</sup>Ta-182

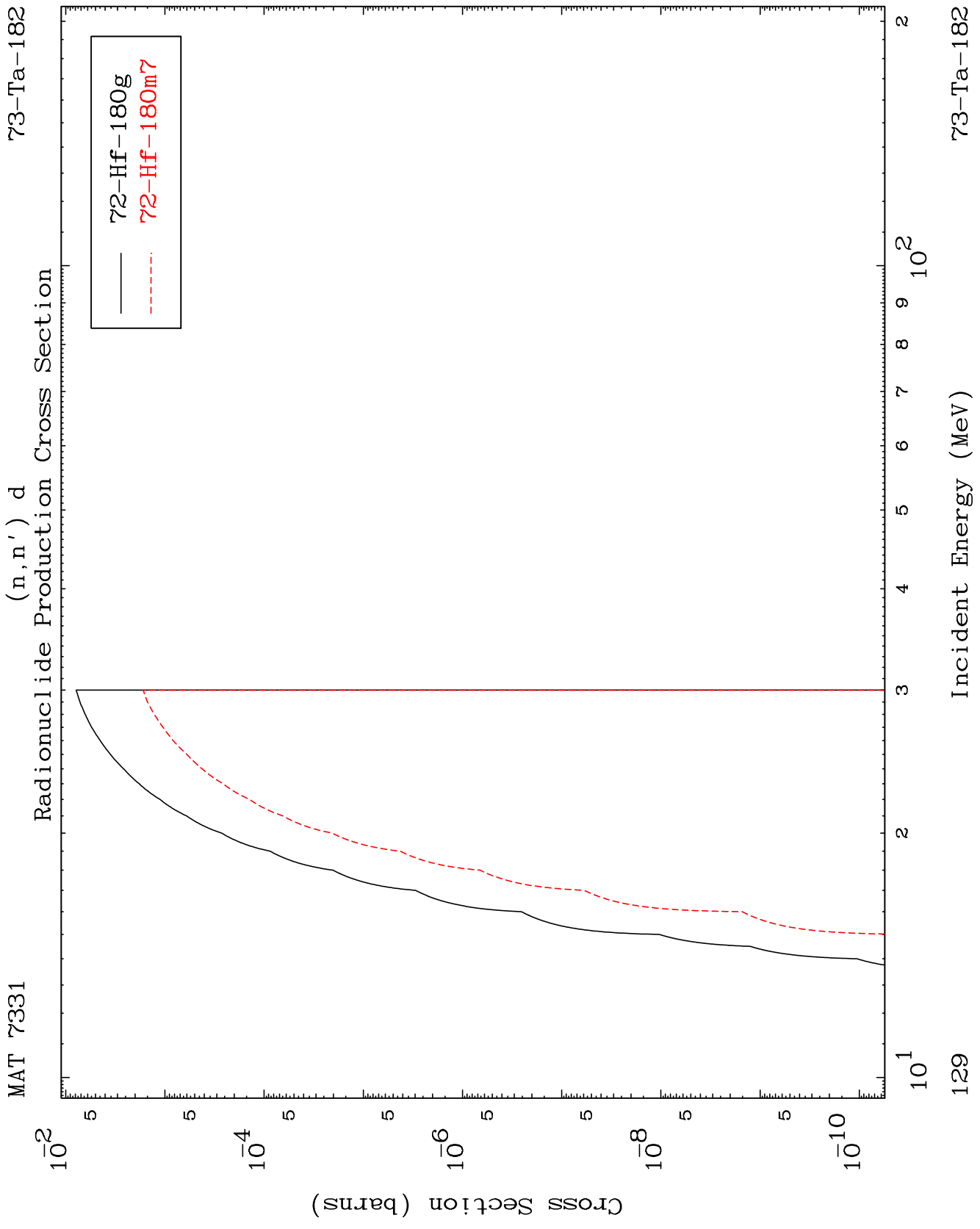
Radionuclide Production Cross Section



128

Incident Energy (MeV)

<sup>73</sup>Ta-182

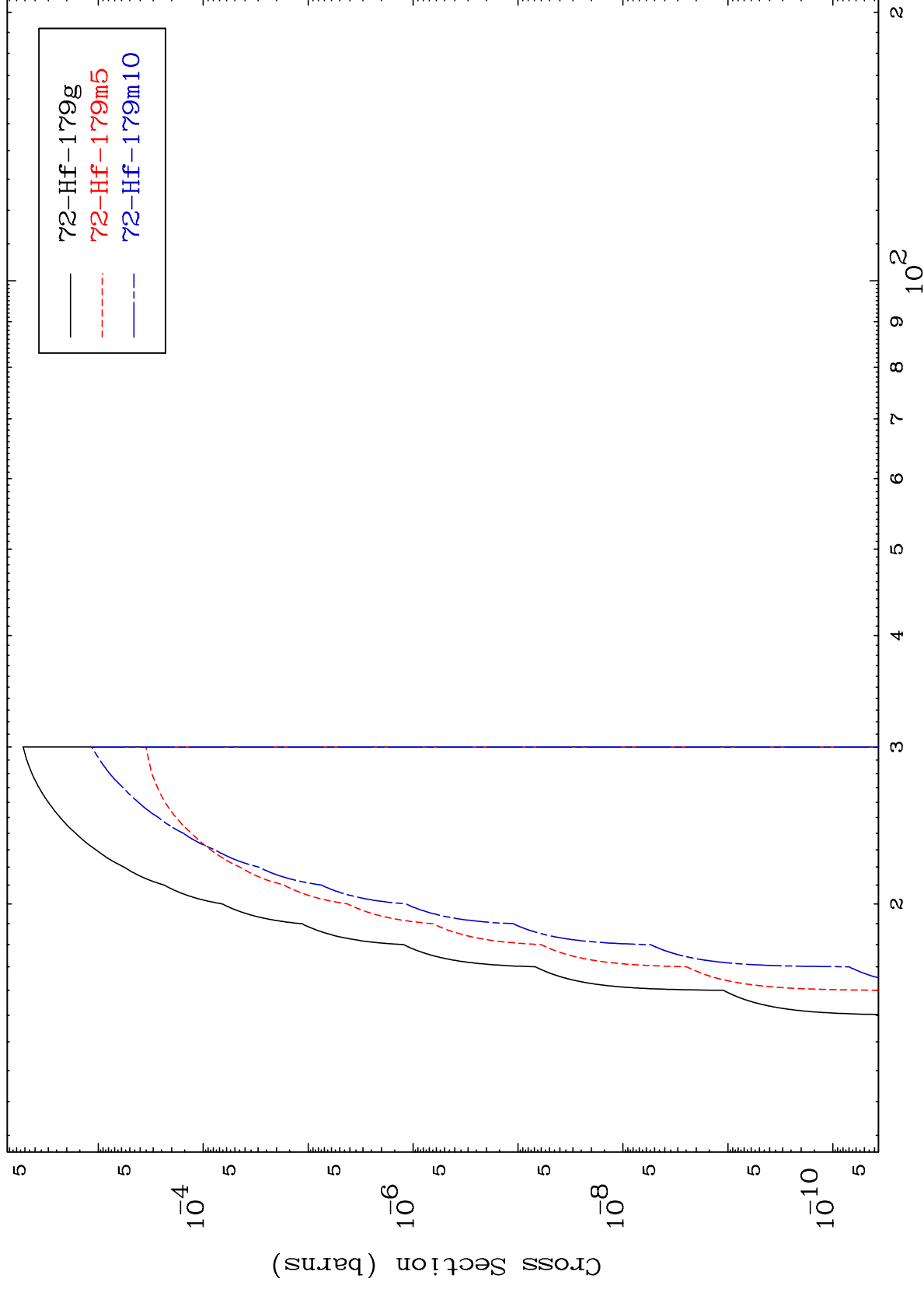


MAT 7331

(n,n') t

73-Ta-182

Radionuclide Production Cross Section



130

Incident Energy (MeV)

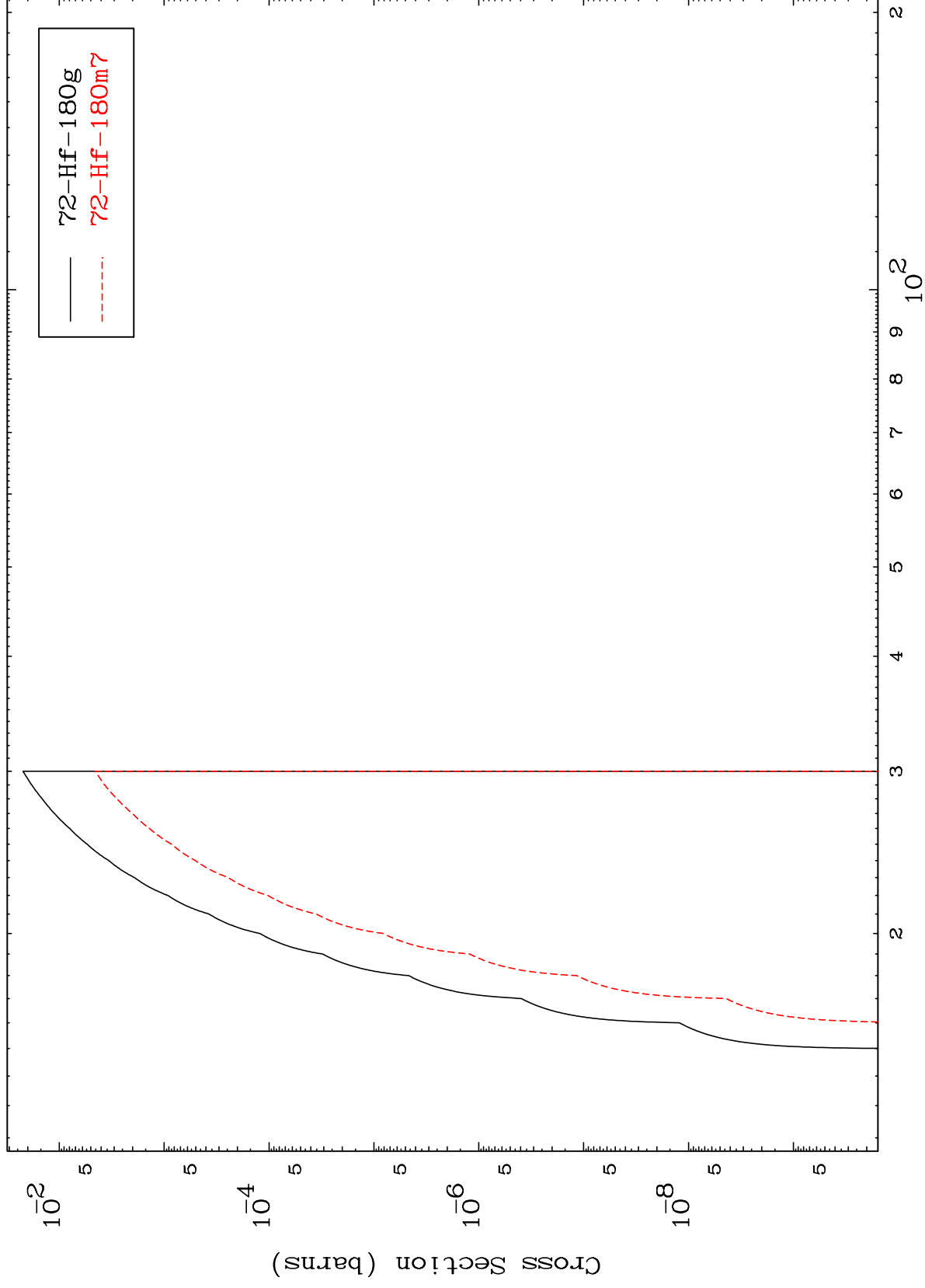
73-Ta-182

MAT 7331

$(n,2n)$  p

$^{73}\text{Ta-182}$

Radionuclide Production Cross Section



131

Incident Energy (MeV)

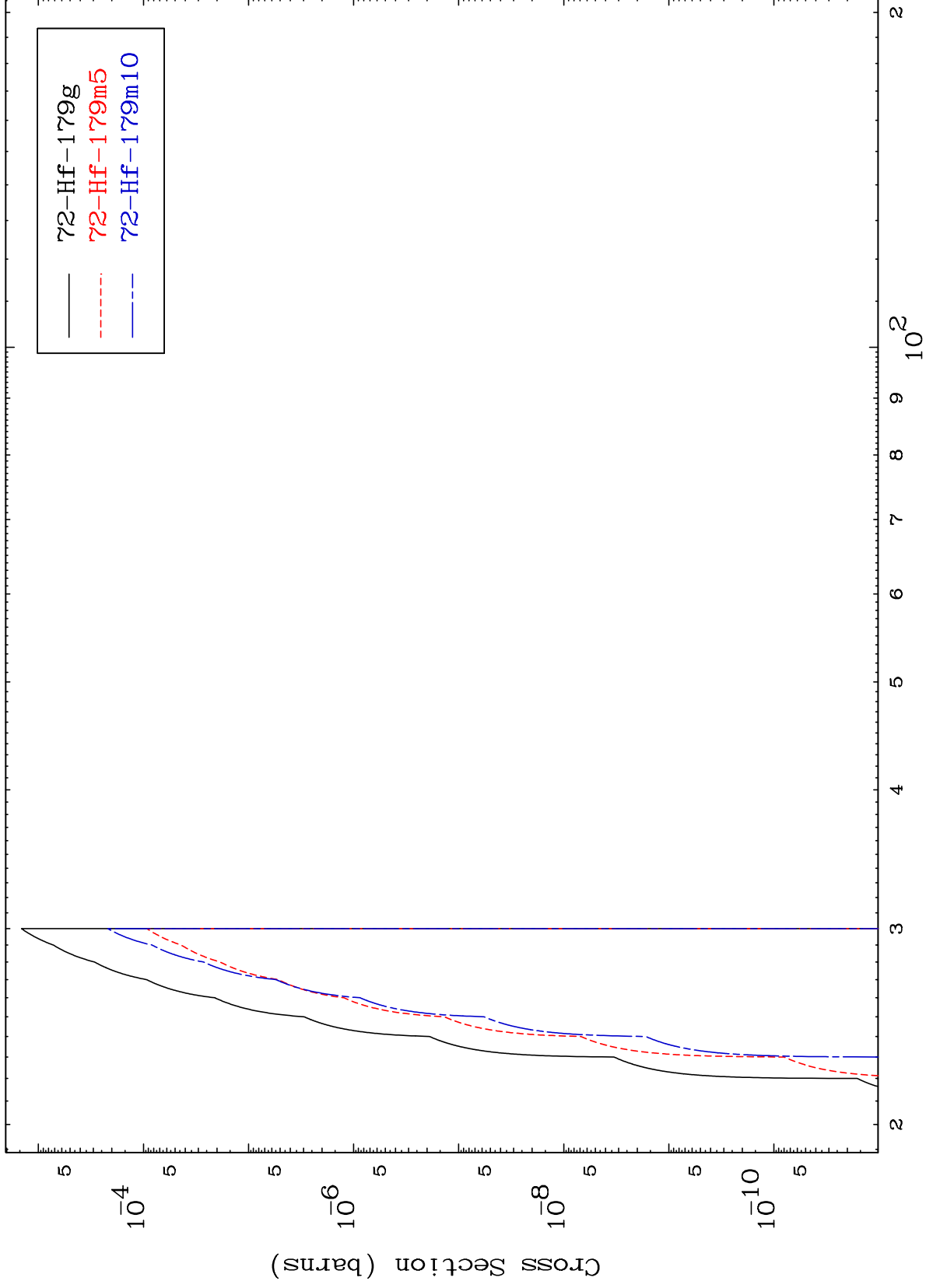
$^{73}\text{Ta-182}$

MAT 7331

(n,3n) p

73-Ta-182

Radionuclide Production Cross Section



132

Incident Energy (MeV)

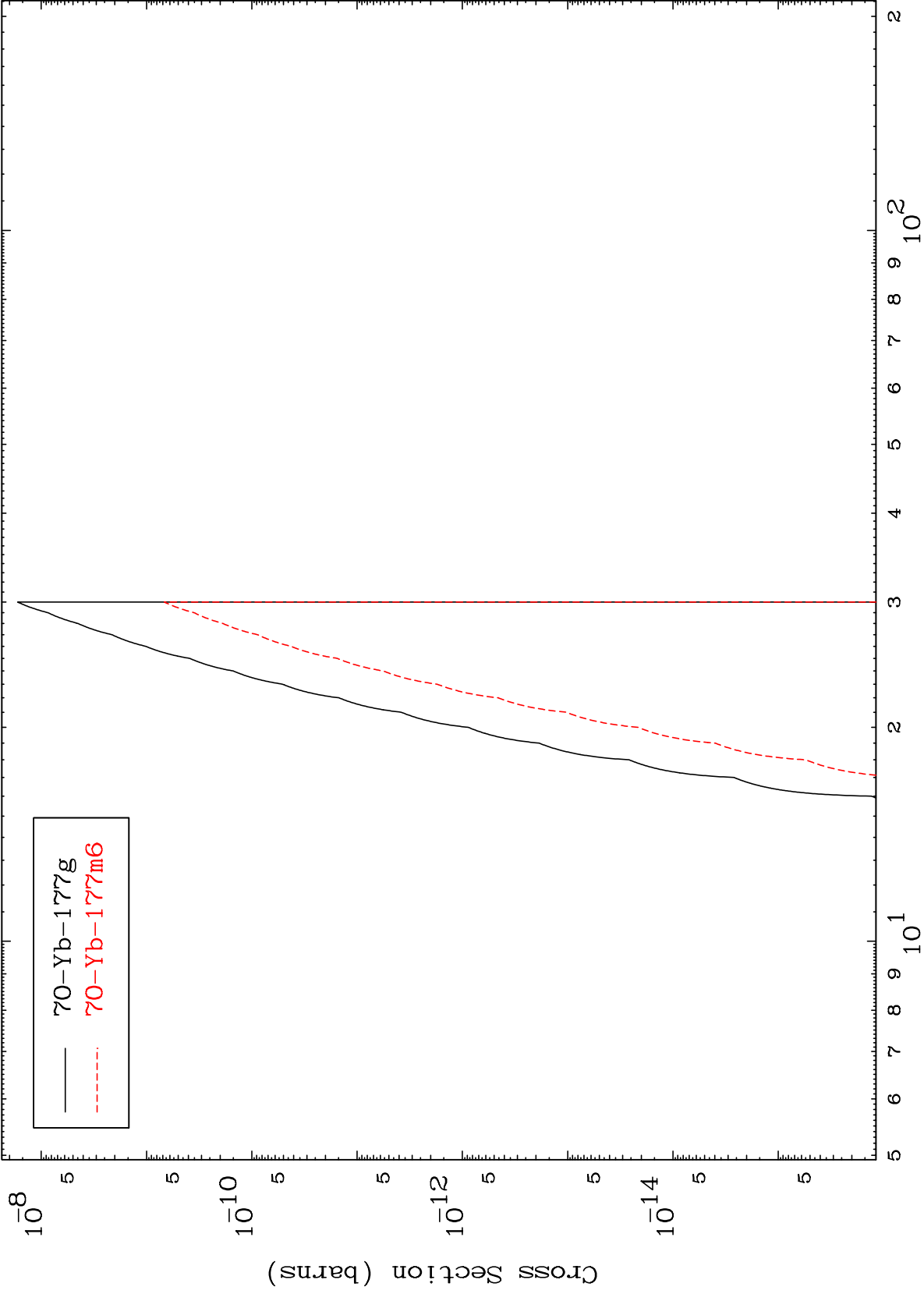
73-Ta-182

MAT 7331

(n,n') p  $\alpha$

<sup>73</sup>Ta-182

Radionuclide Production Cross Section



133

Incident Energy (MeV)

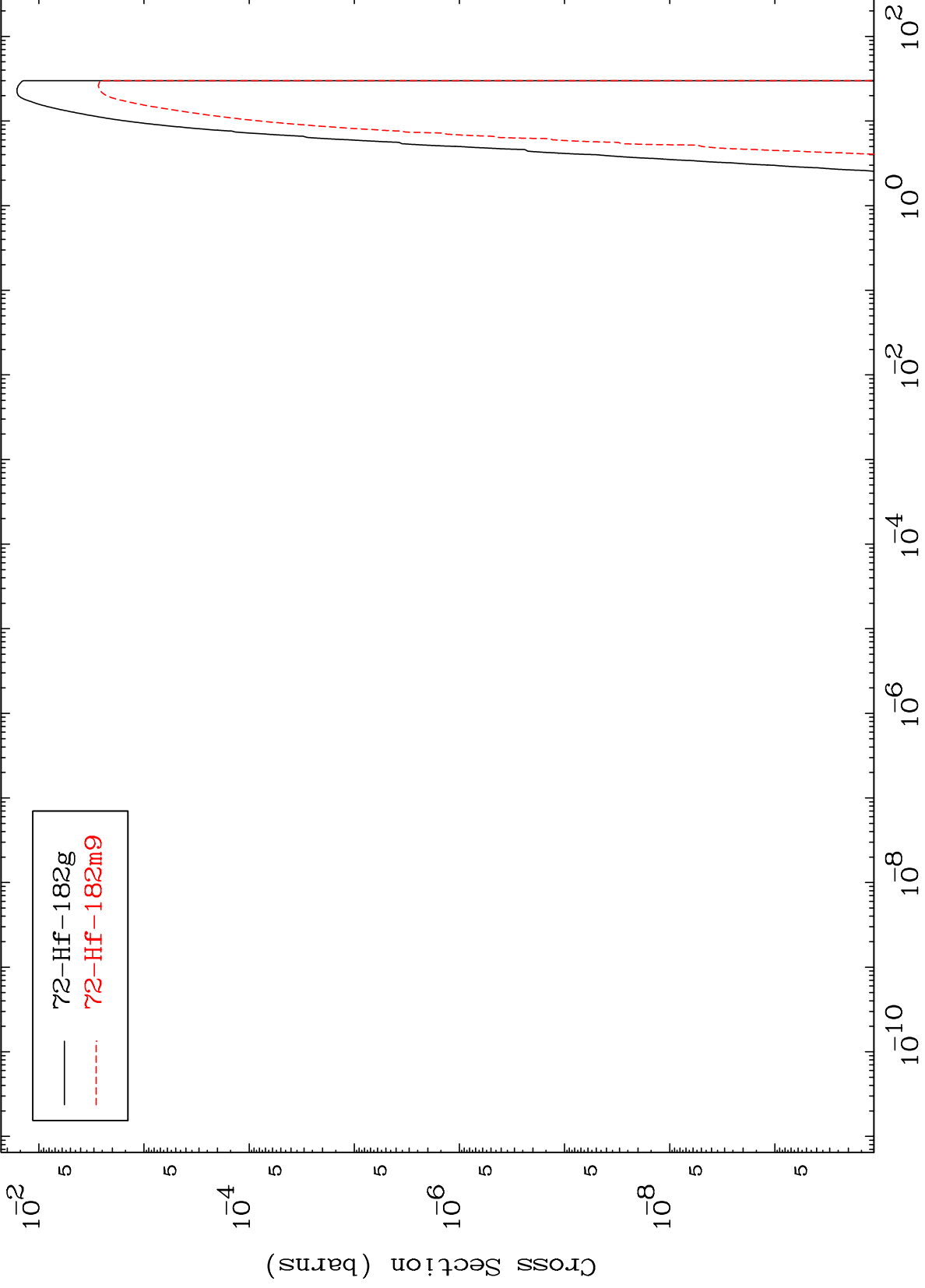
<sup>73</sup>Ta-182

MAT 7331

(n,p)

<sup>73</sup>Ta-182

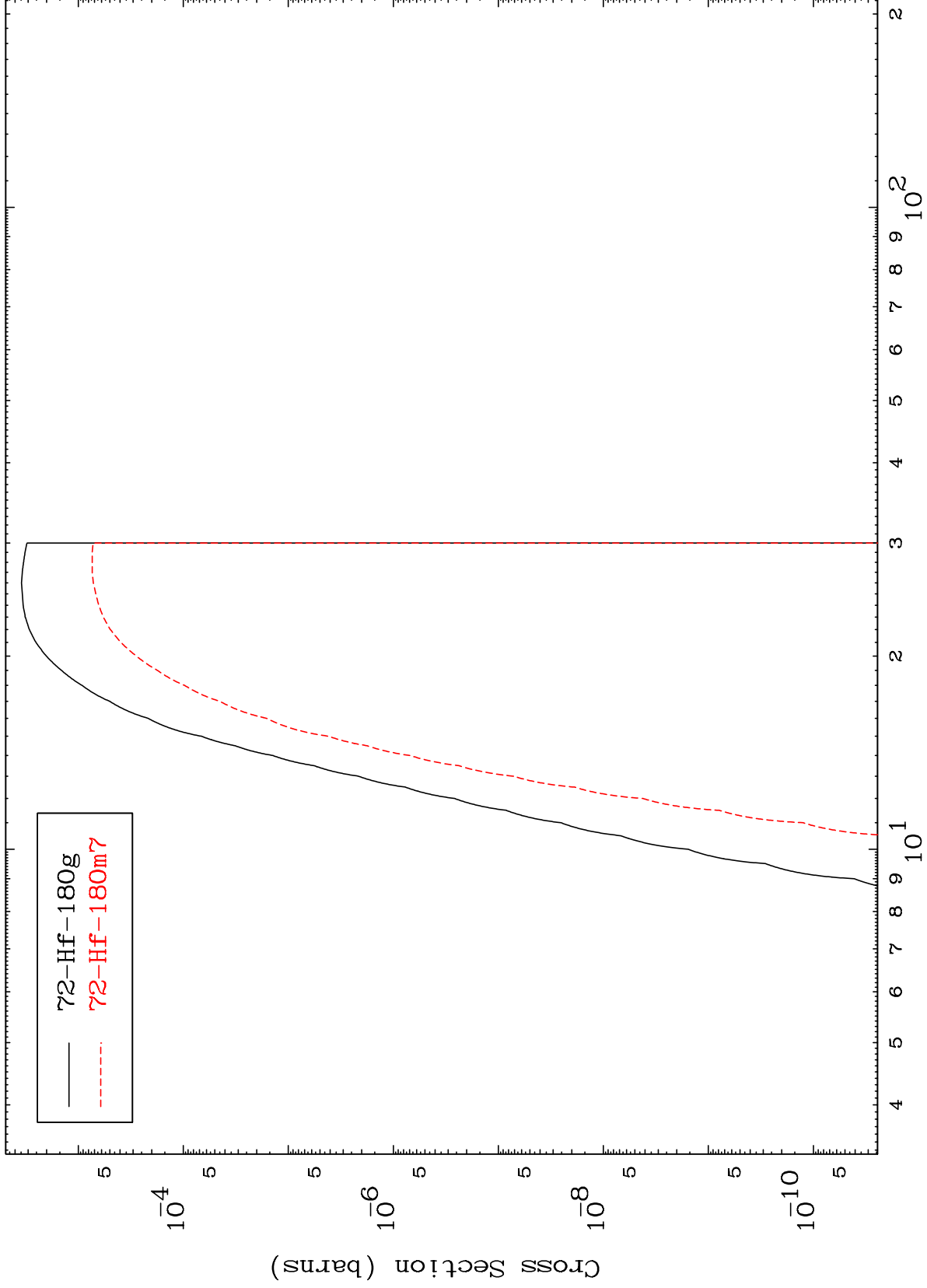
Radionuclide Production Cross Section



MAT 7331

<sup>73</sup>Ta-182

(n, t)  
Radionuclide Production Cross Section



135

Incident Energy (MeV)

<sup>73</sup>Ta-182

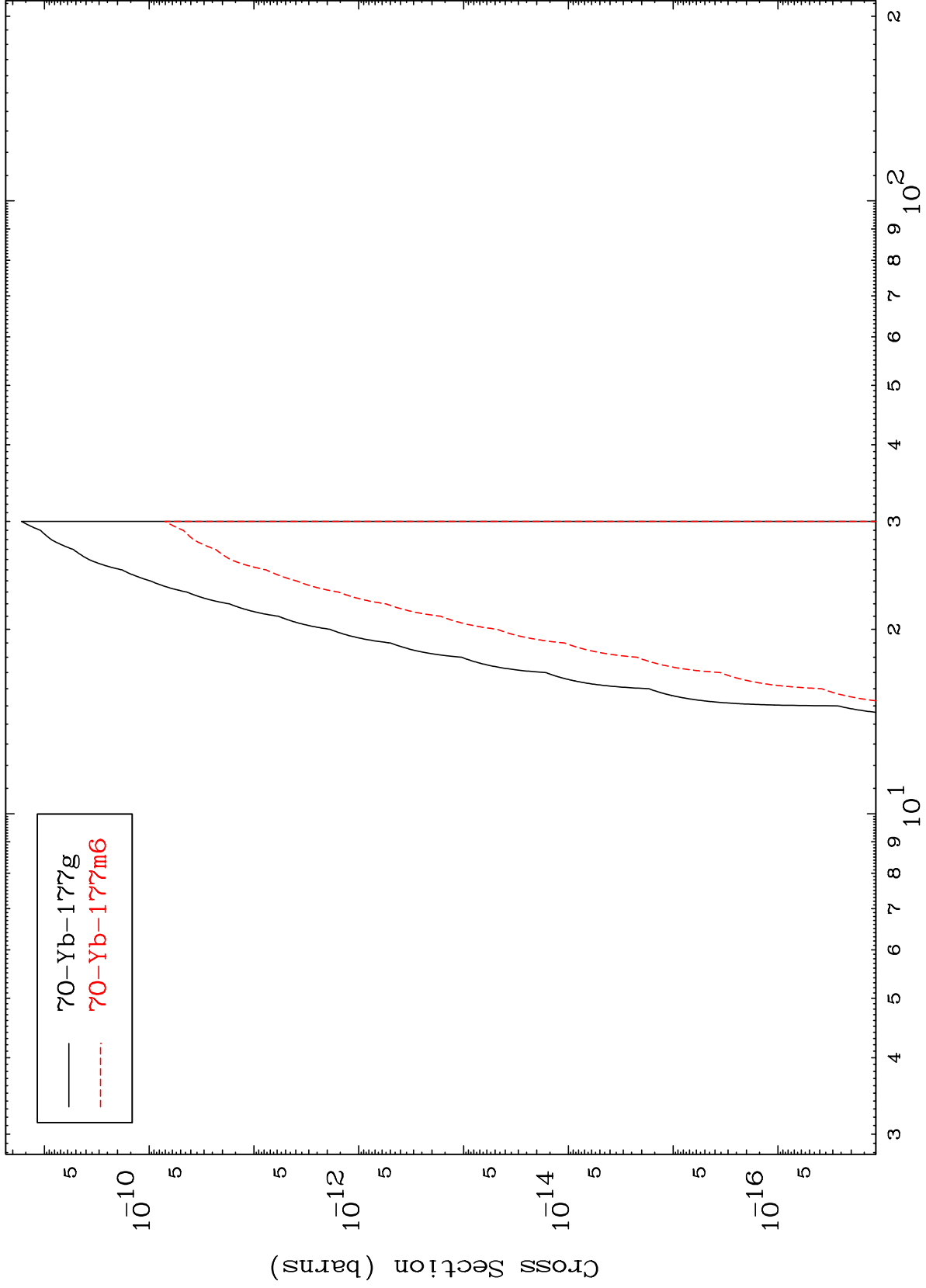


MAT 7331

(n,d)  $\alpha$

$^{73}\text{Ta-182}$

Radionuclide Production Cross Section



136

Incident Energy (MeV)

$^{73}\text{Ta-182}$