

Program EVALPLOT
(Version 2015-2)

by

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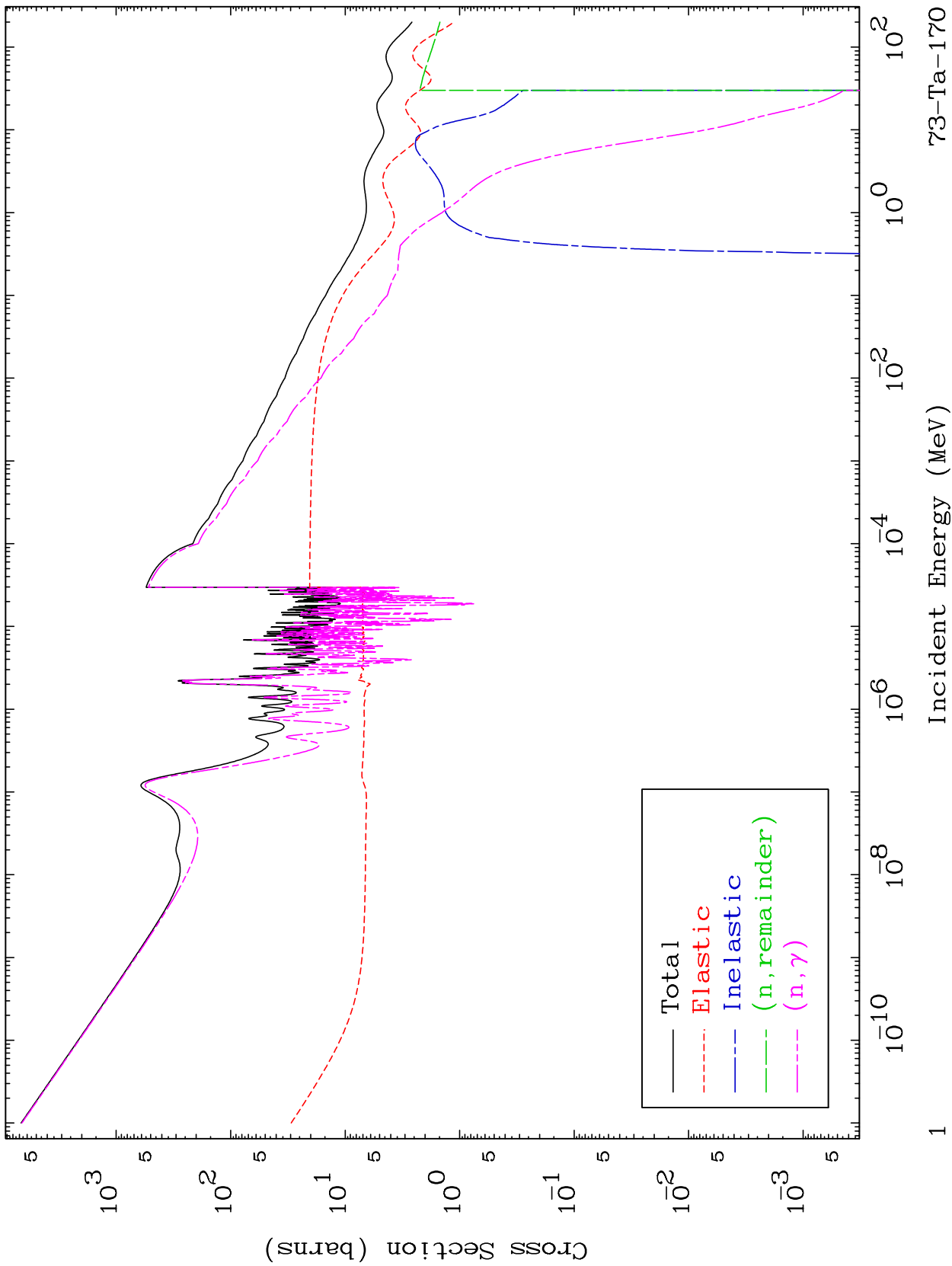
Press Mouse Button to Start

MAT 7295

Major

293 Kelvin Cross Sections

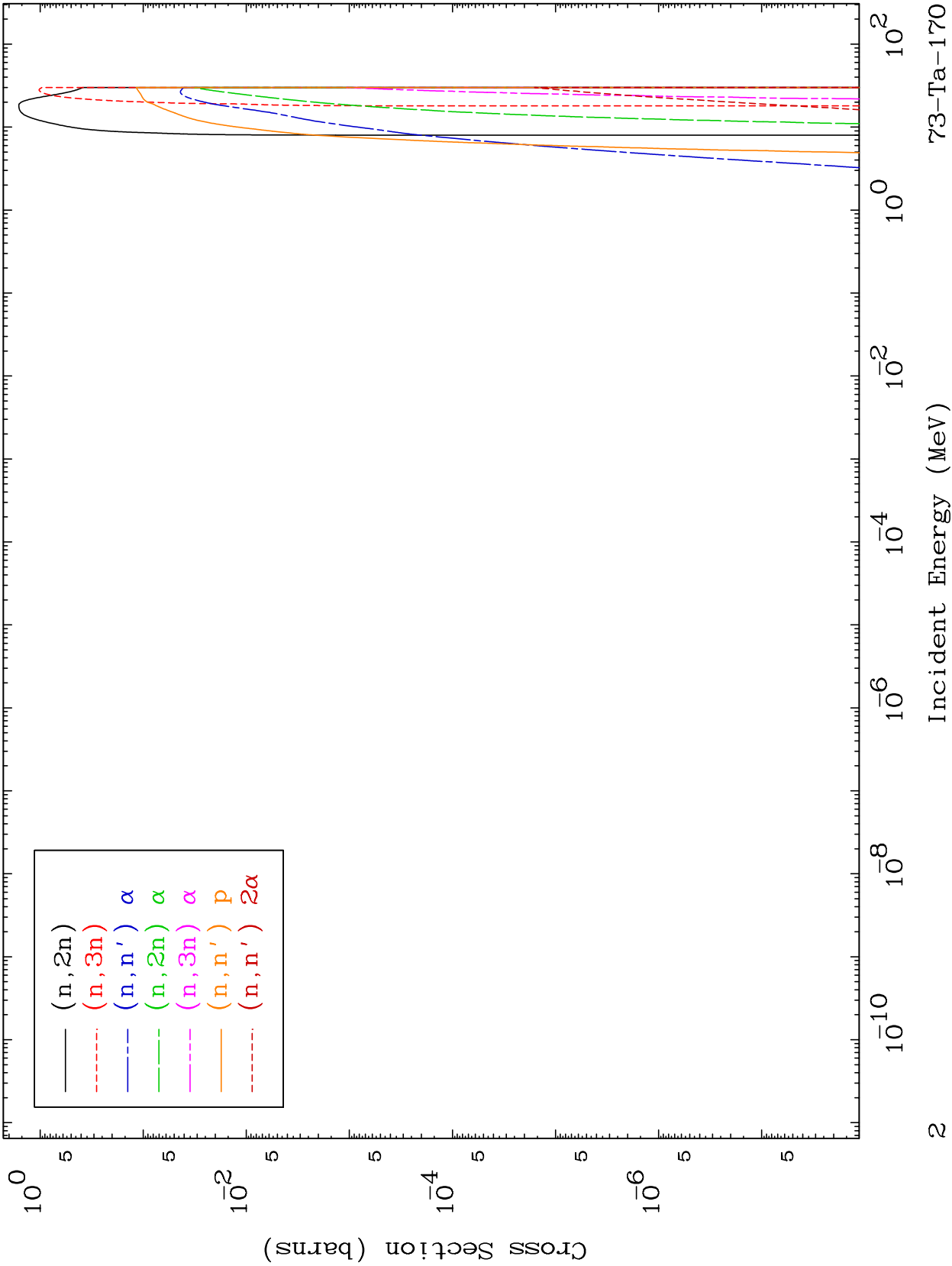
73-Ta-170



MAT 7295

Neutron Production
293 Kelvin Cross Sections

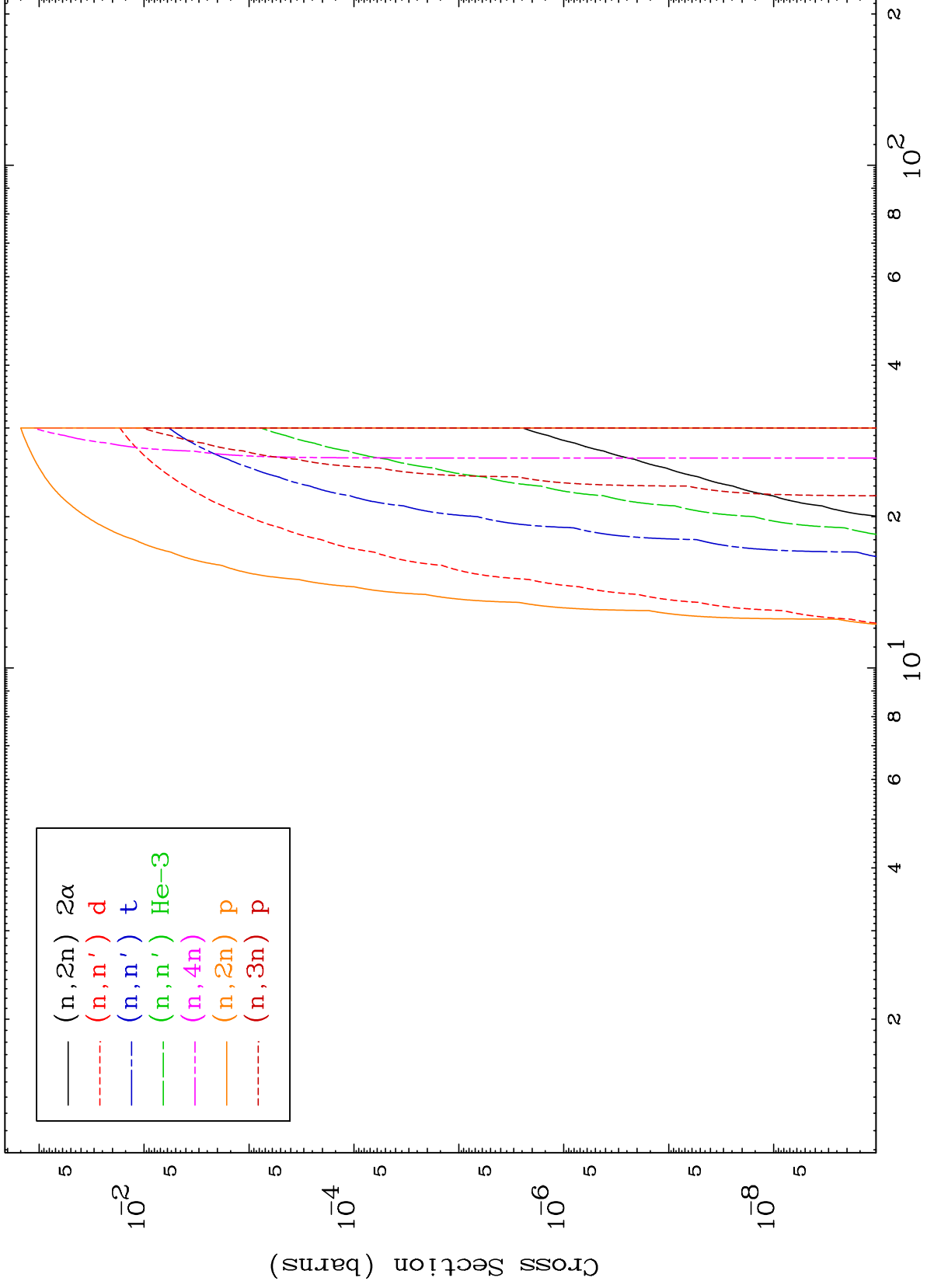
73-Ta-170



MAT 7295

Neutron Production
293 Kelvin Cross Sections

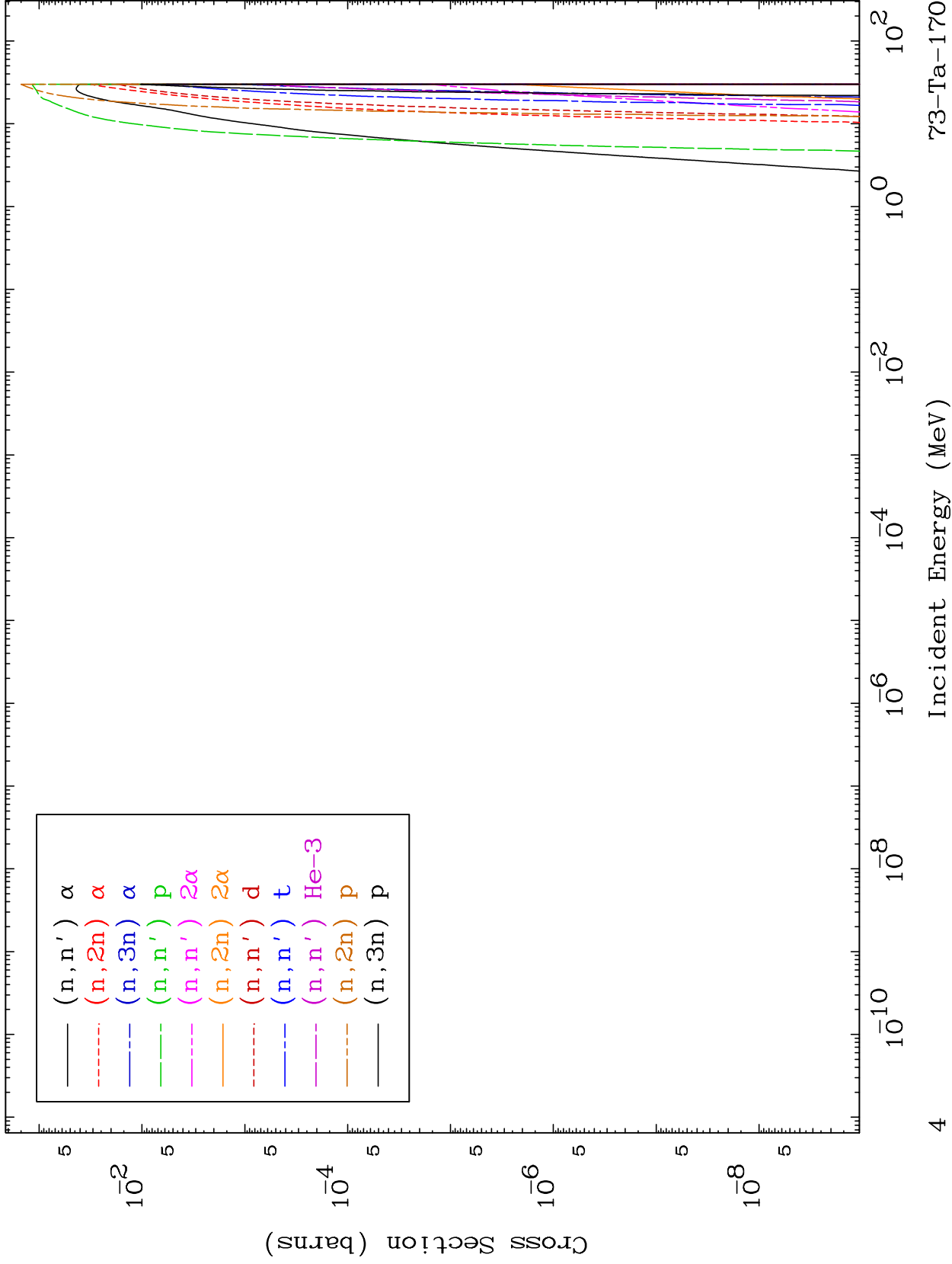
73-Ta-170

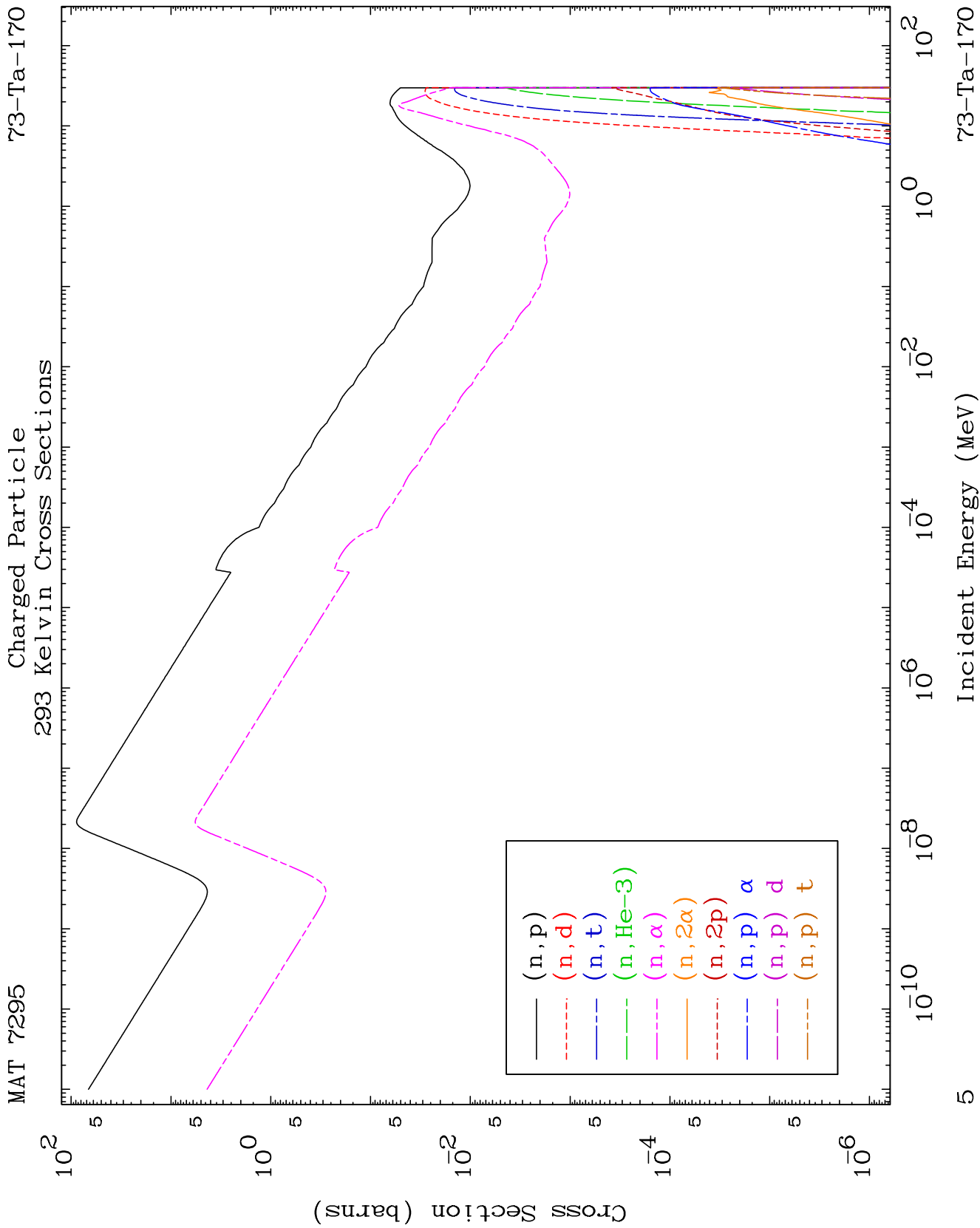


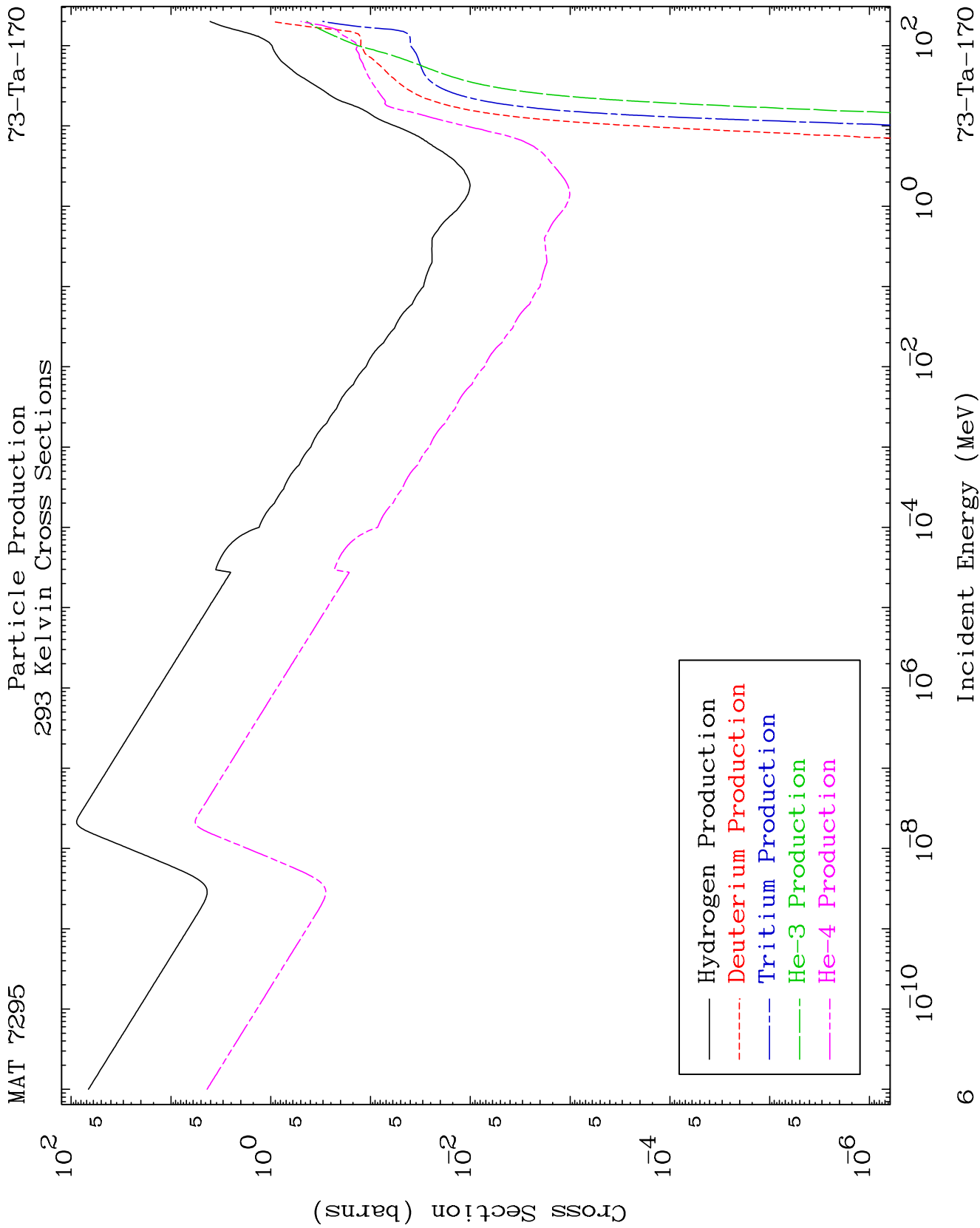
MAT 7295

Charged Particle
293 Kelvin Cross Sections

73-Ta-170



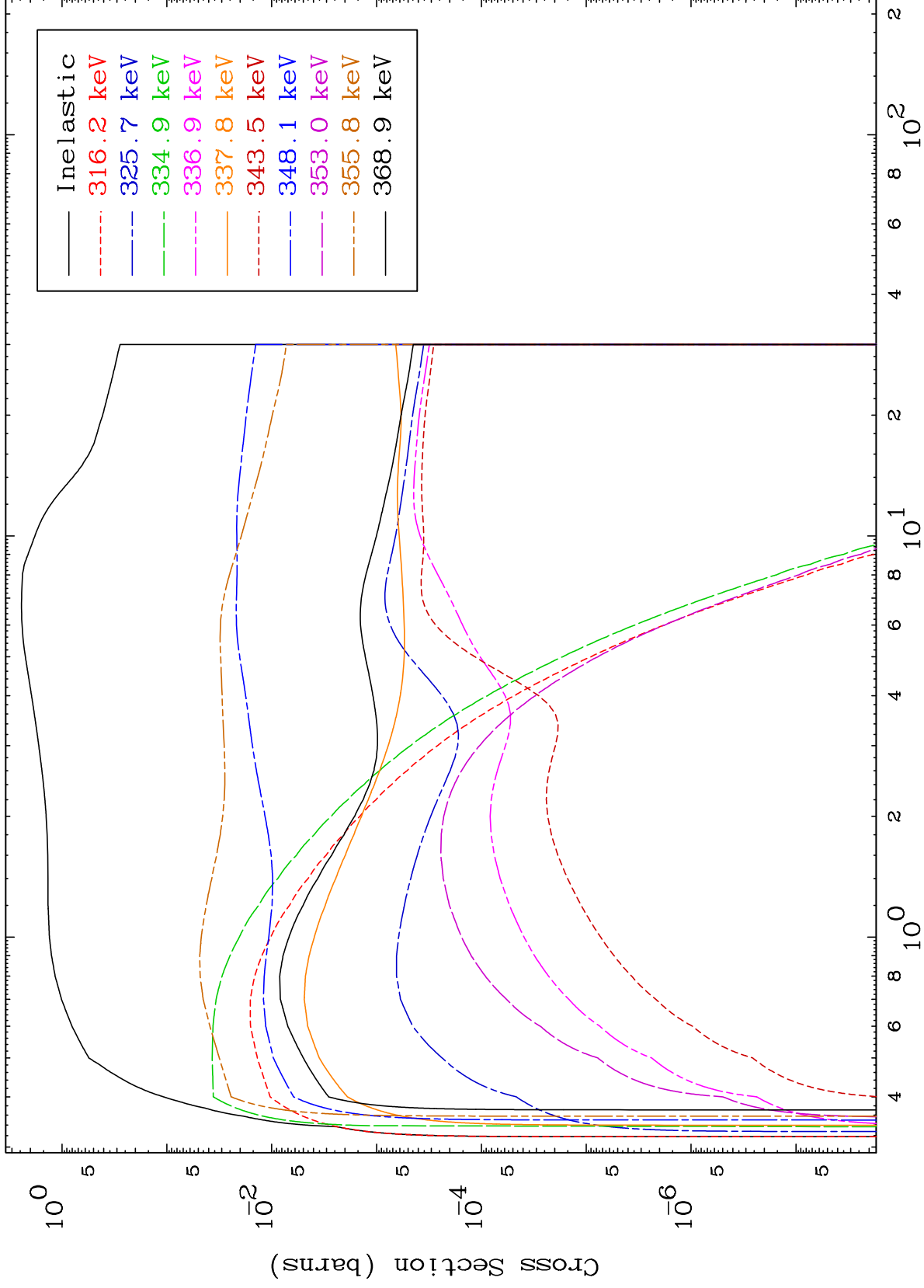




MAT 7295

(n,n') Level
293 Kelvin Cross Sections

73-Ta-170



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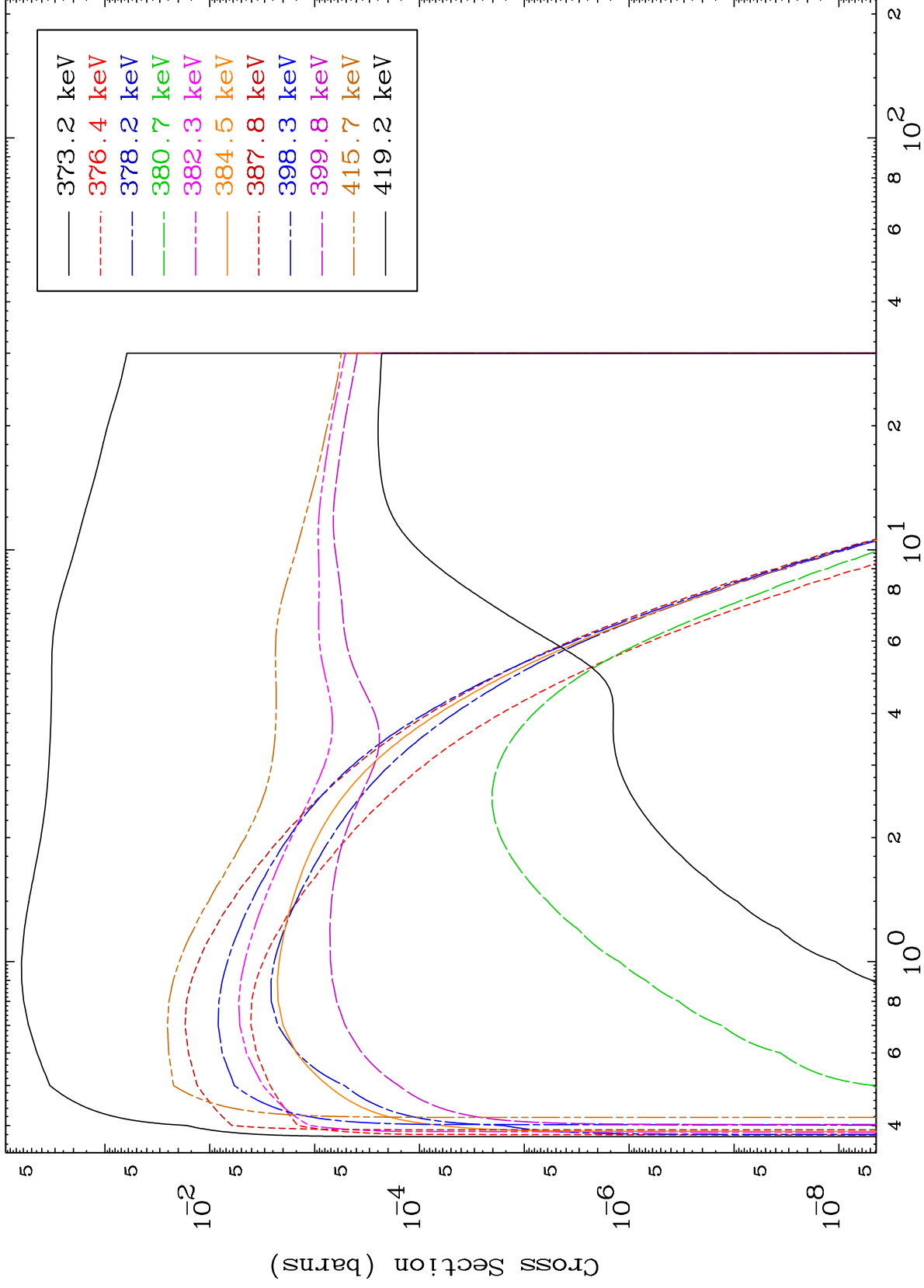
Incident Energy (MeV)

73-Ta-170

MAT 7295

(n,n') Level
293 Kelvin Cross Sections

73-Ta-170



8

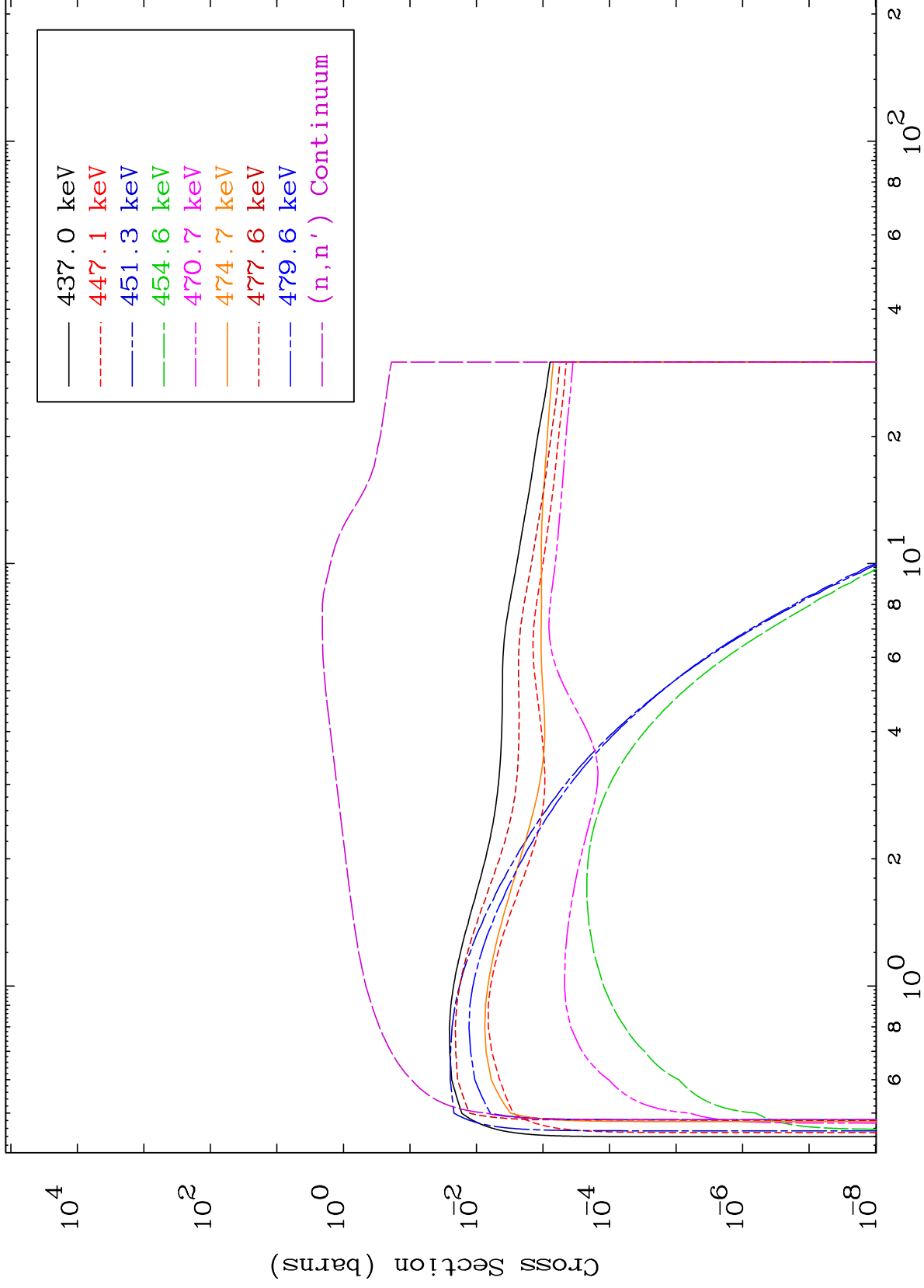
Incident Energy (MeV)

73-Ta-170

MAT 7295

(n,n') Level
293 Kelvin Cross Sections

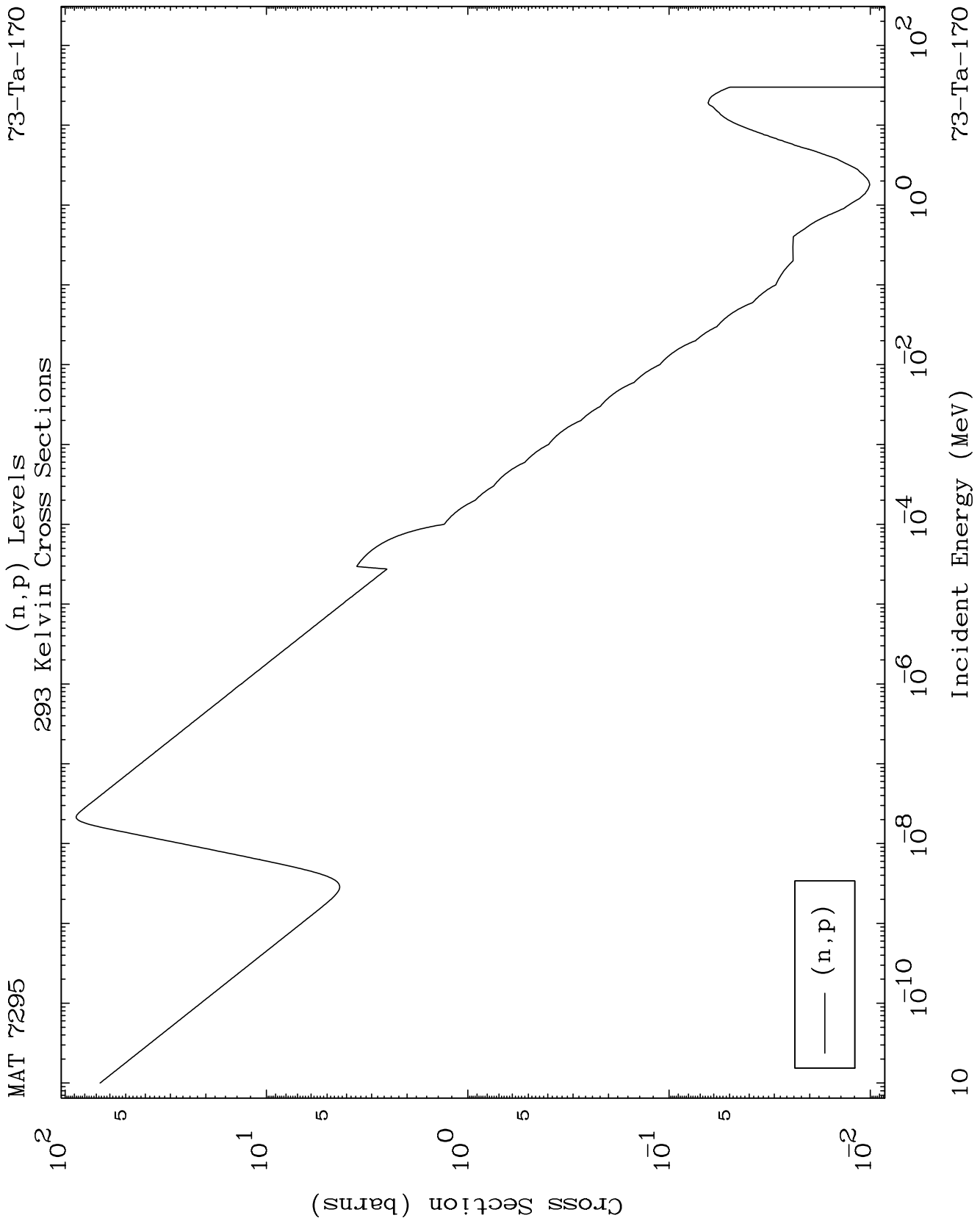
73-Ta-170



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Incident Energy (MeV)

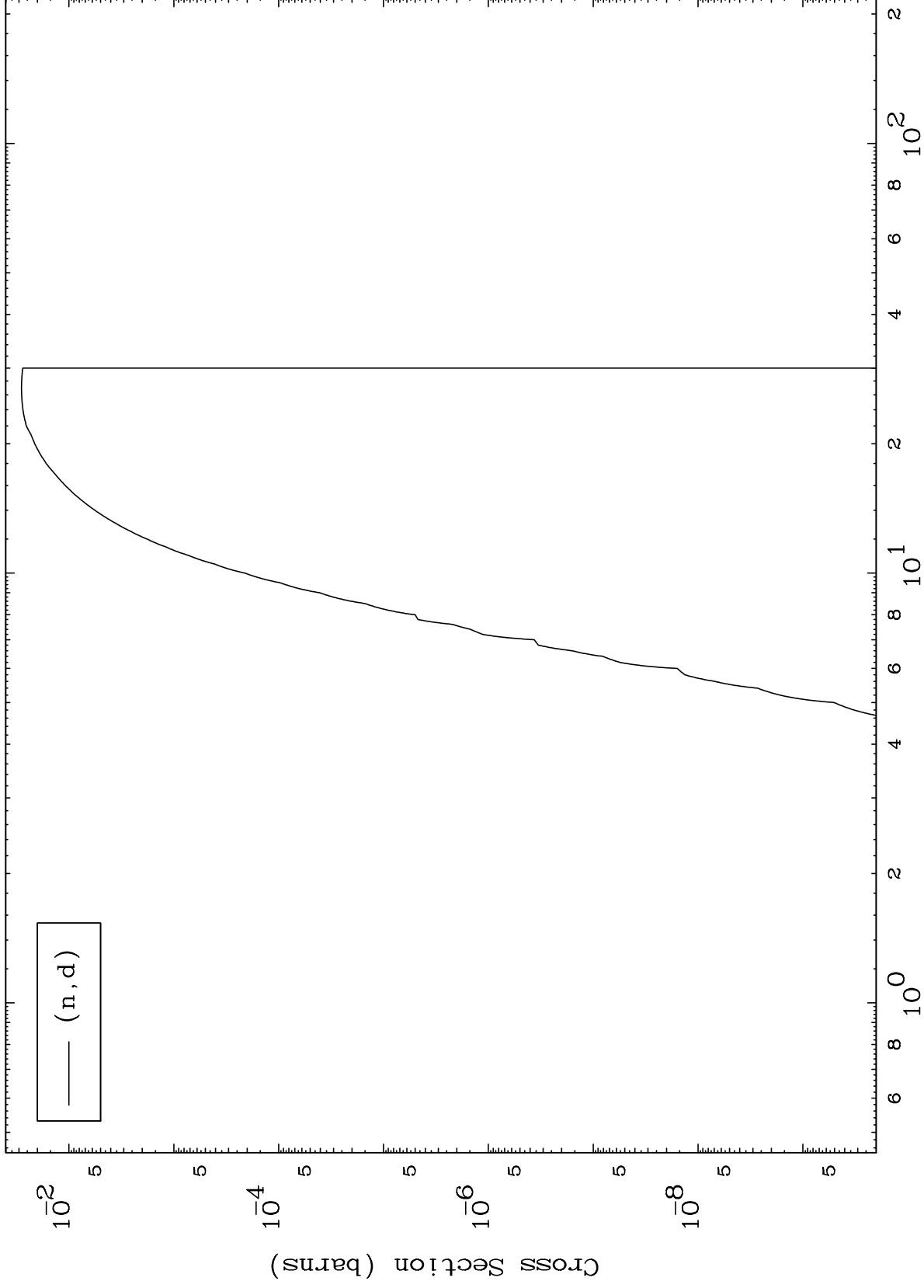
73-Ta-170



MAT 7295

(n,d) Levels
293 Kelvin Cross Sections

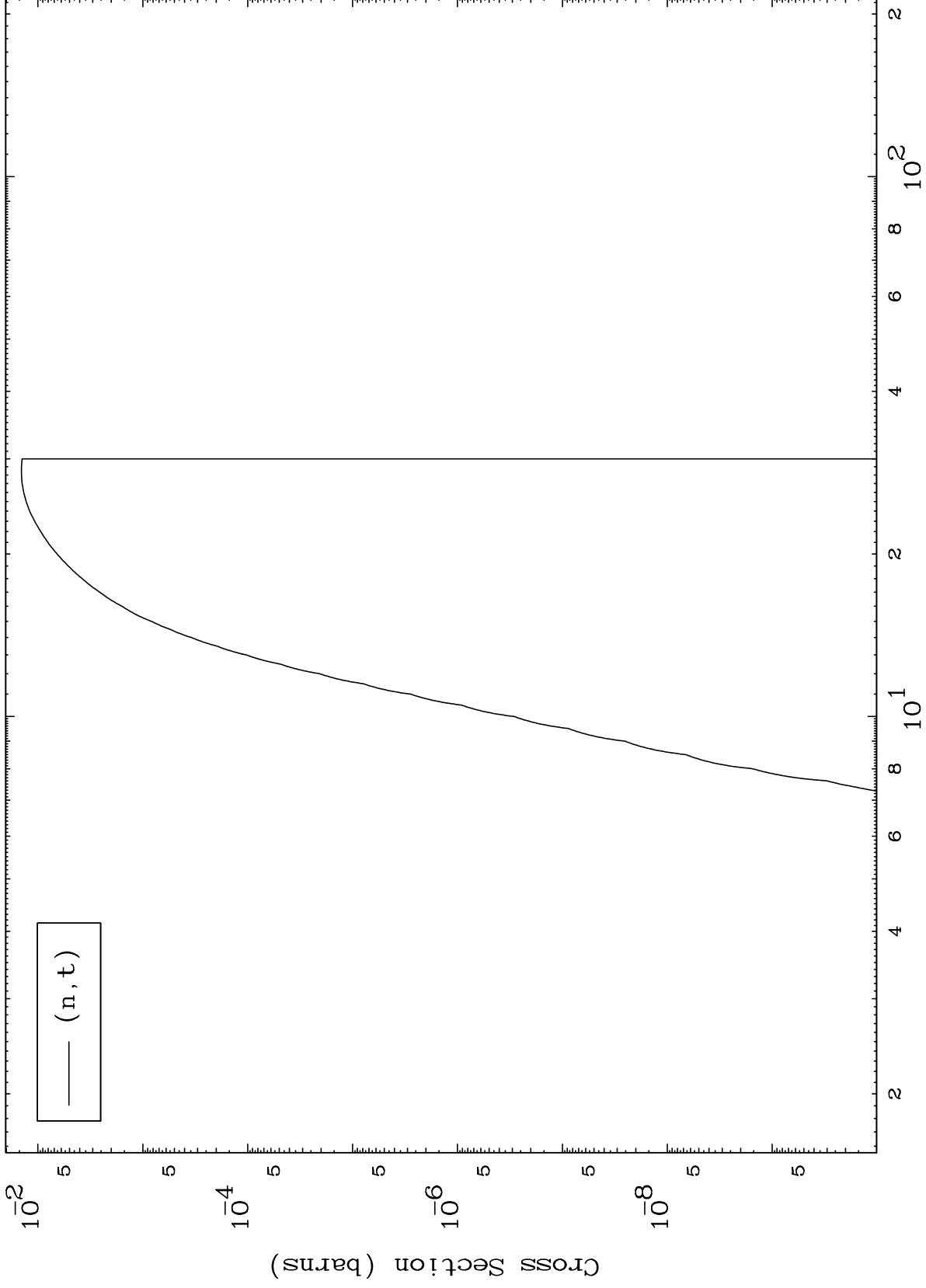
73-Ta-170



MAT 7295

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-170



12

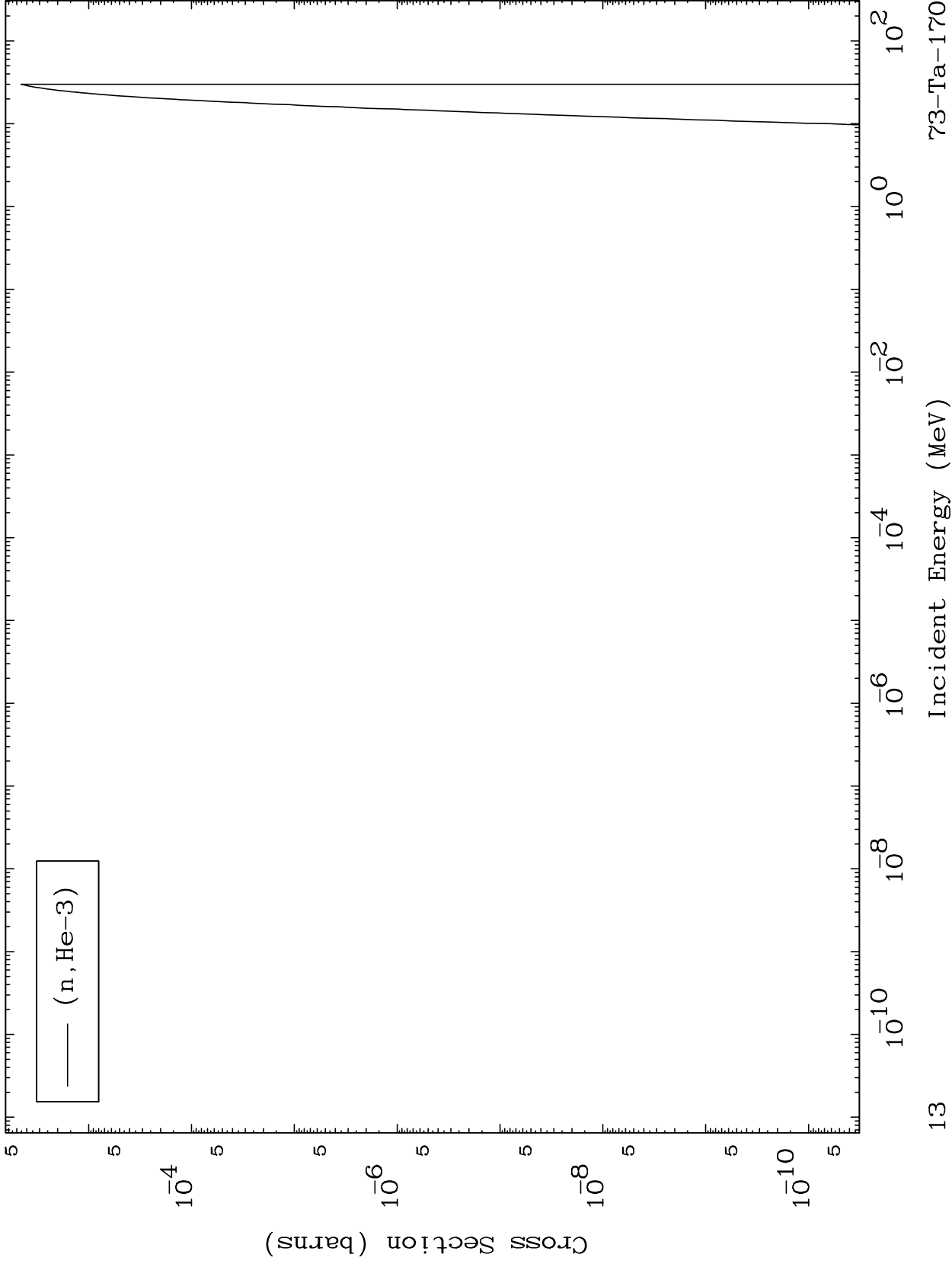
Incident Energy (MeV)

73-Ta-170

MAT 7295

(n,He3) Levels
293 Kelvin Cross Sections

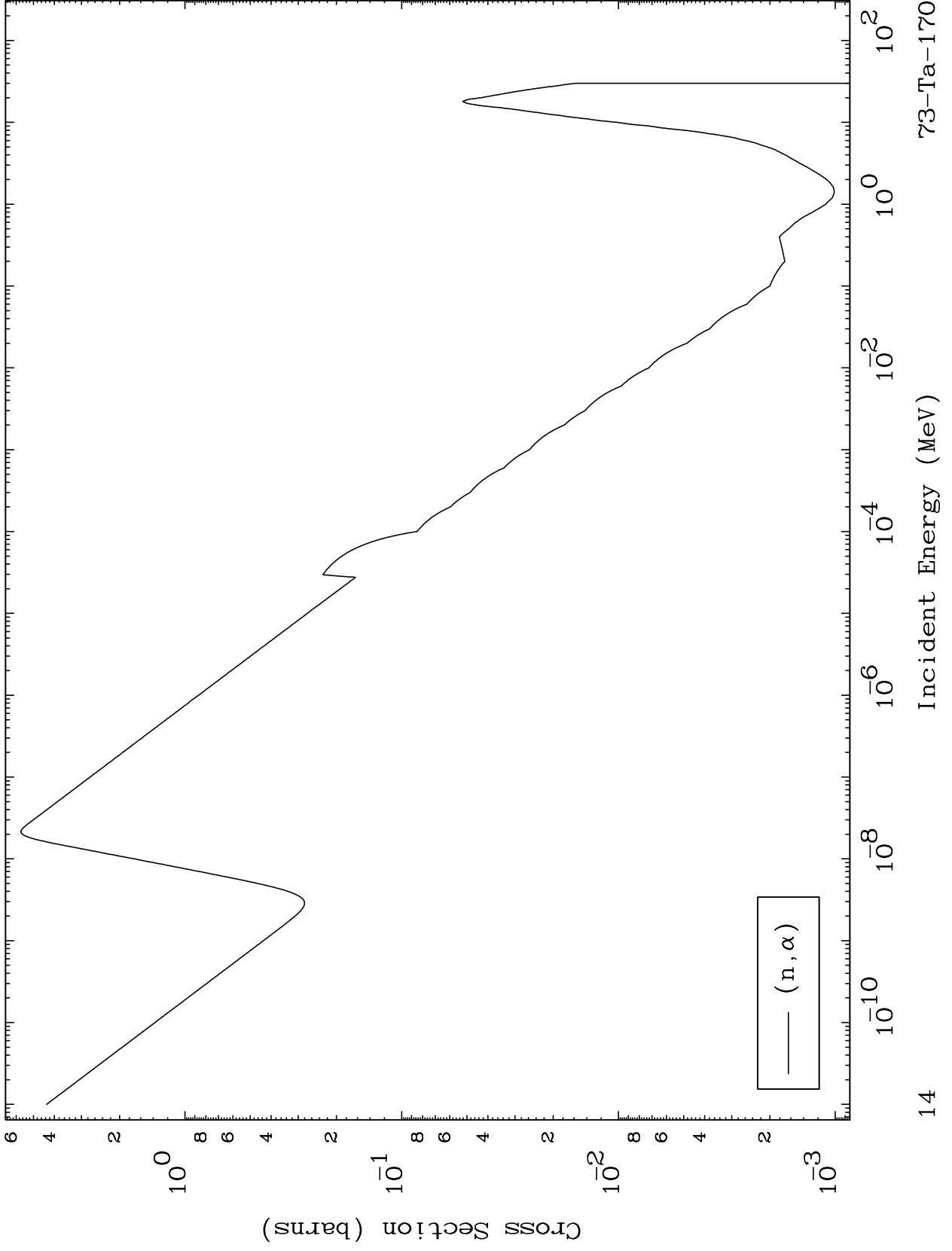
73-Ta-170

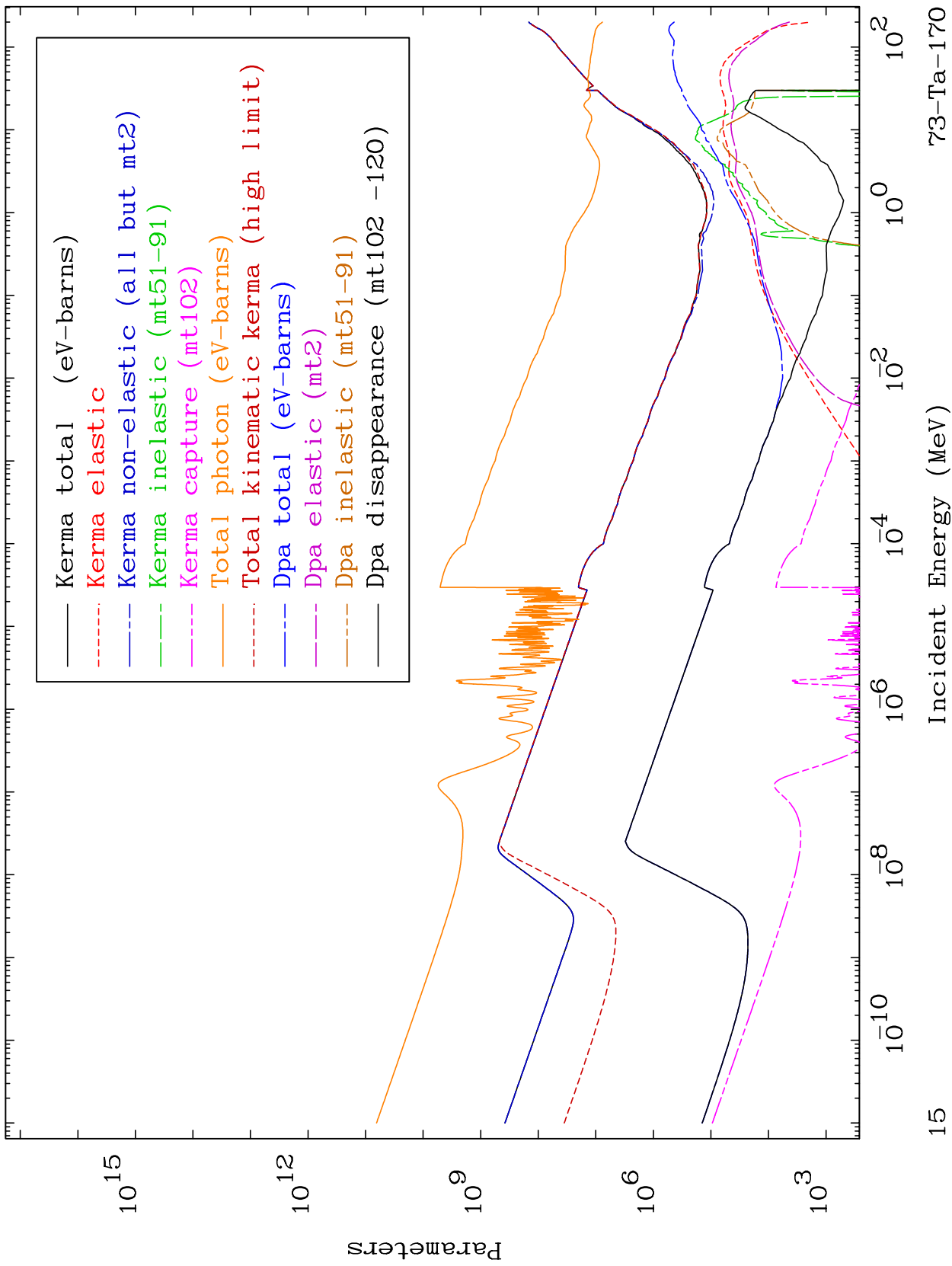


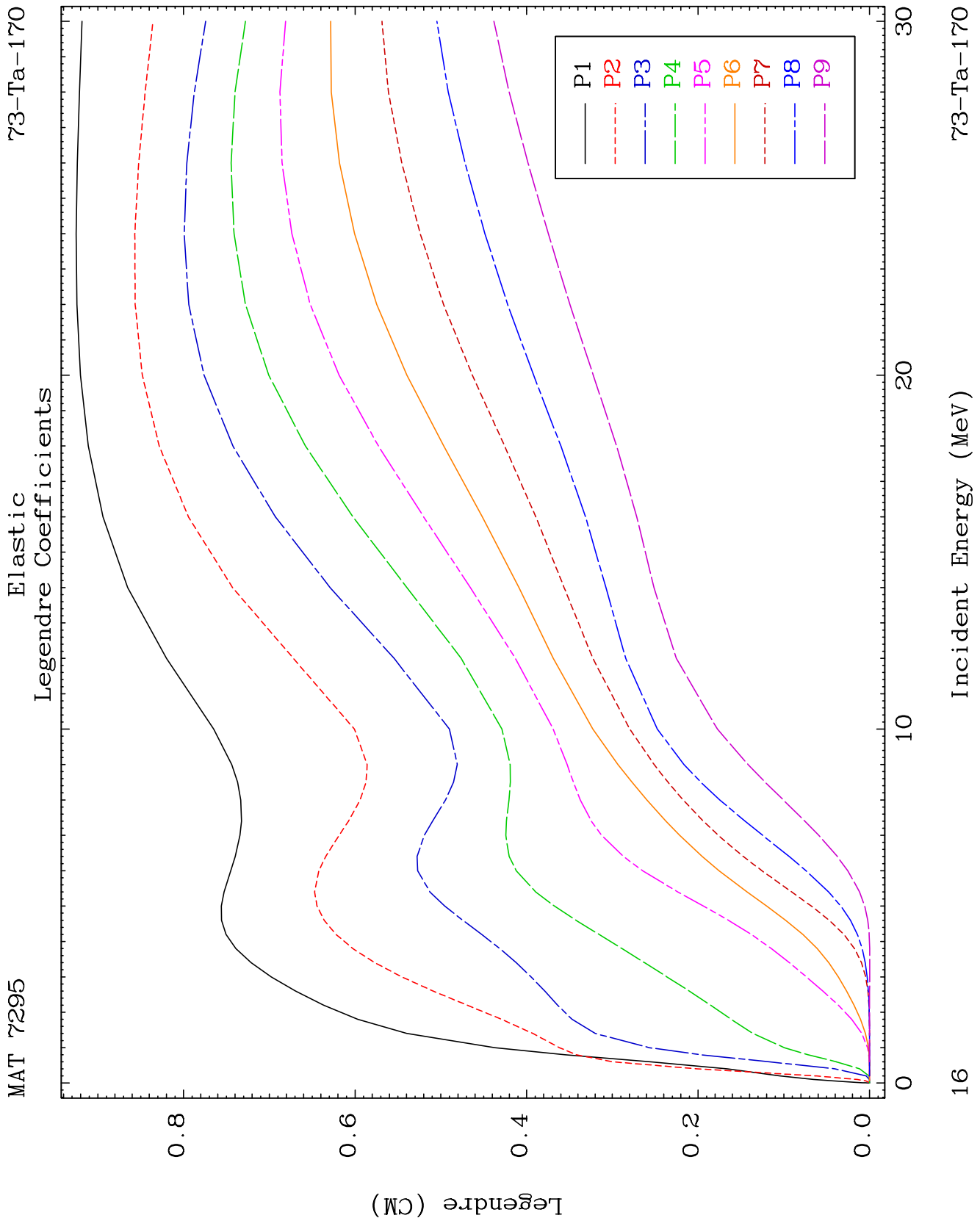
MAT 7295

(n,α) Levels
293 Kelvin Cross Sections

73-Ta-170



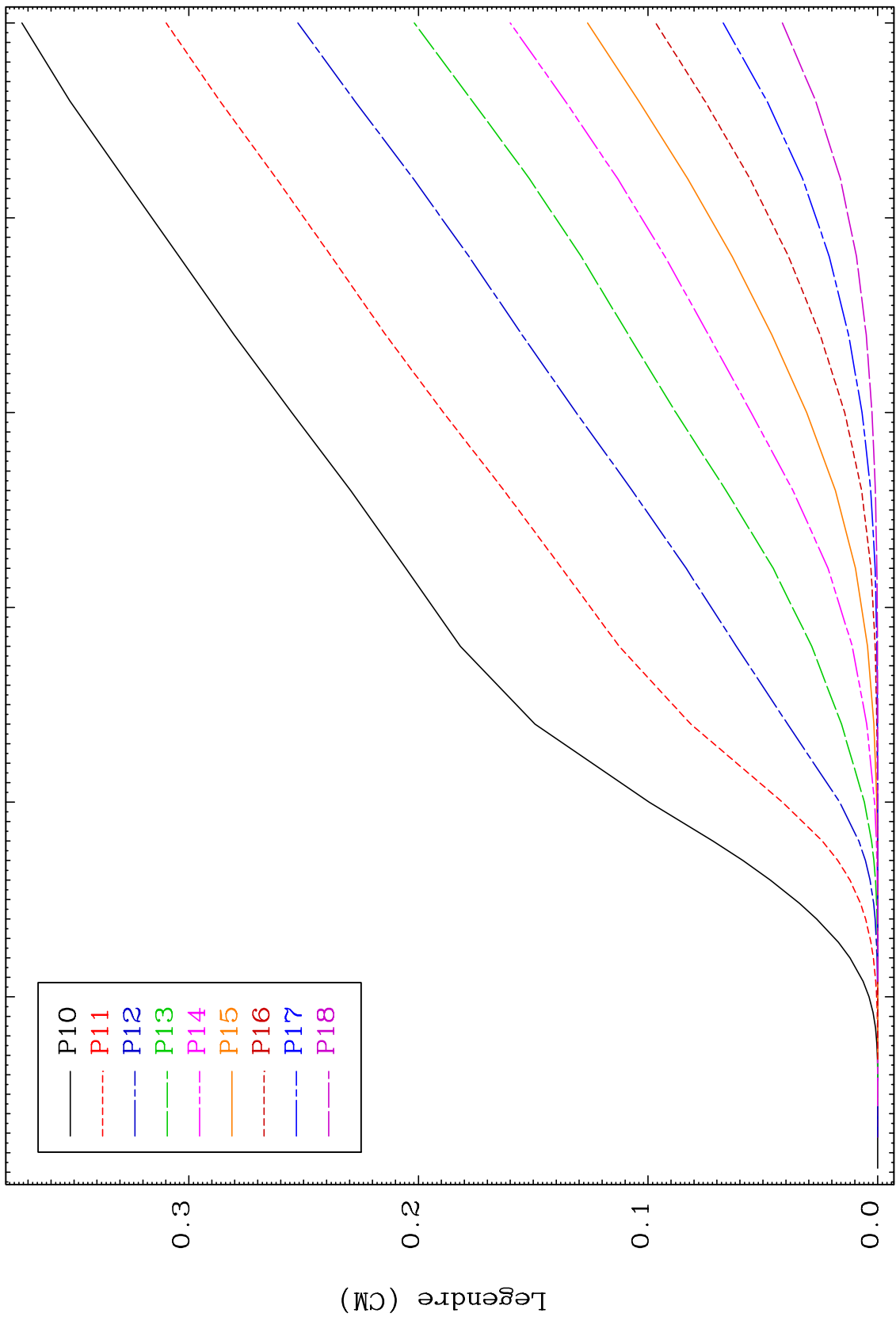




MAT 7295

Elastic Legendre Coefficients

⁷³Ta-170



17

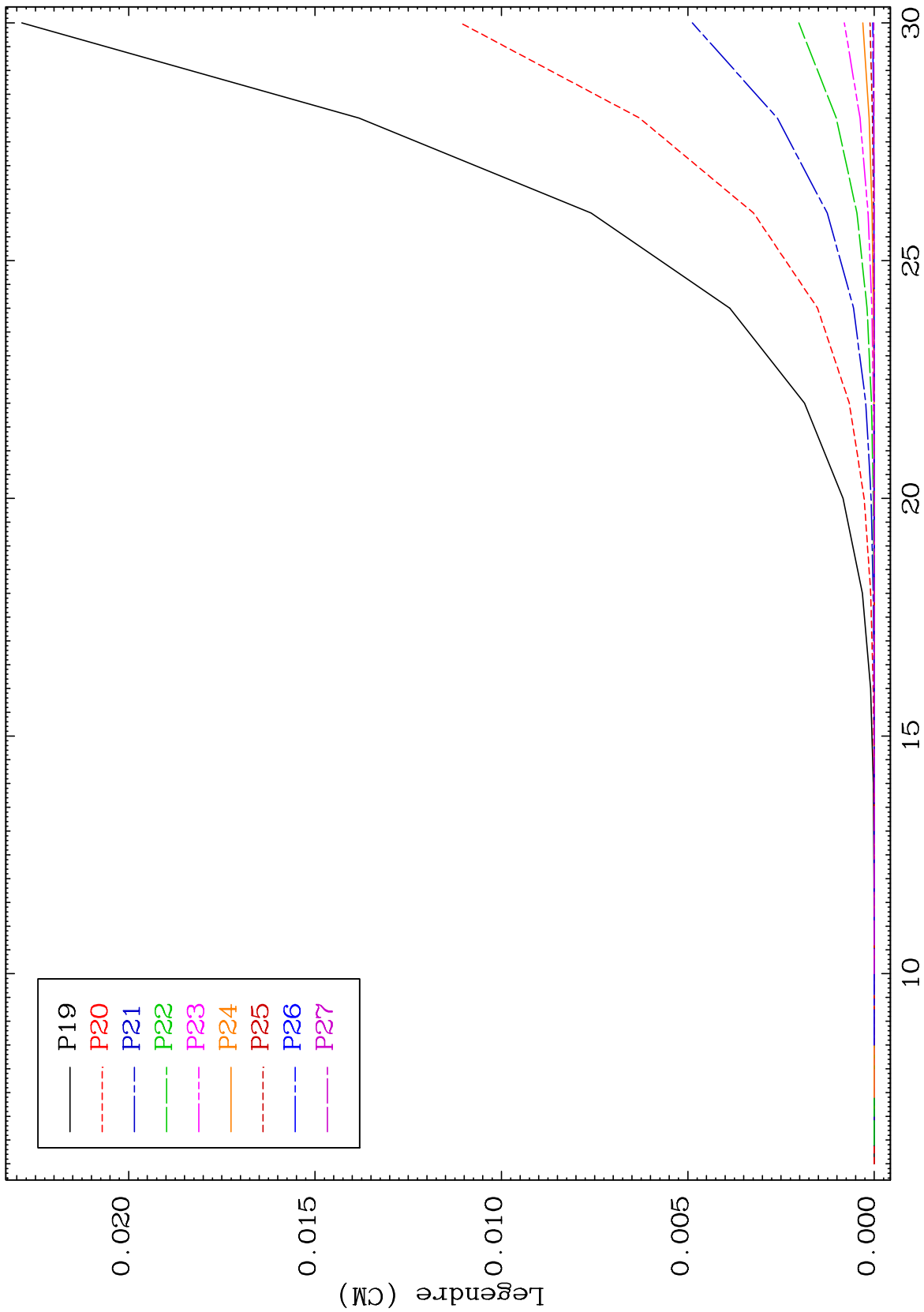
Incident Energy (MeV)

⁷³Ta-170

MAT 7295

Elastic
Legendre Coefficients

73-Ta-170



18

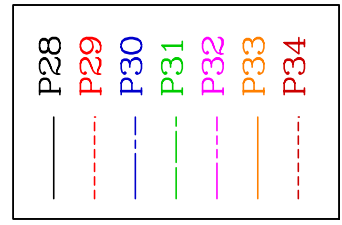
Incident Energy (MeV)

73-Ta-170

MAT 7295

Elastic Legendre Coefficients

⁷³Ta-170



$\times 10^{-6}$

Legendre (CM)

10

15

20

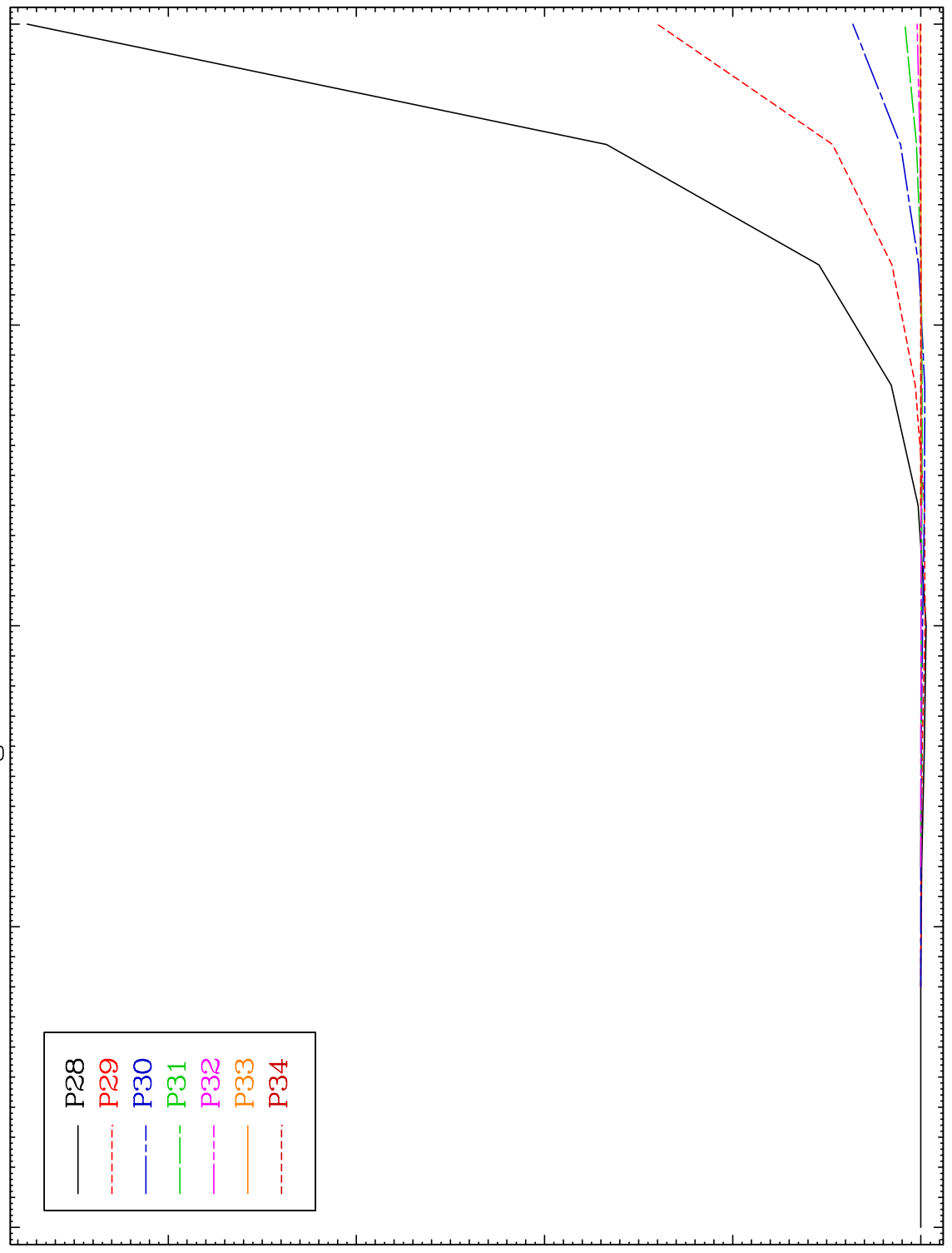
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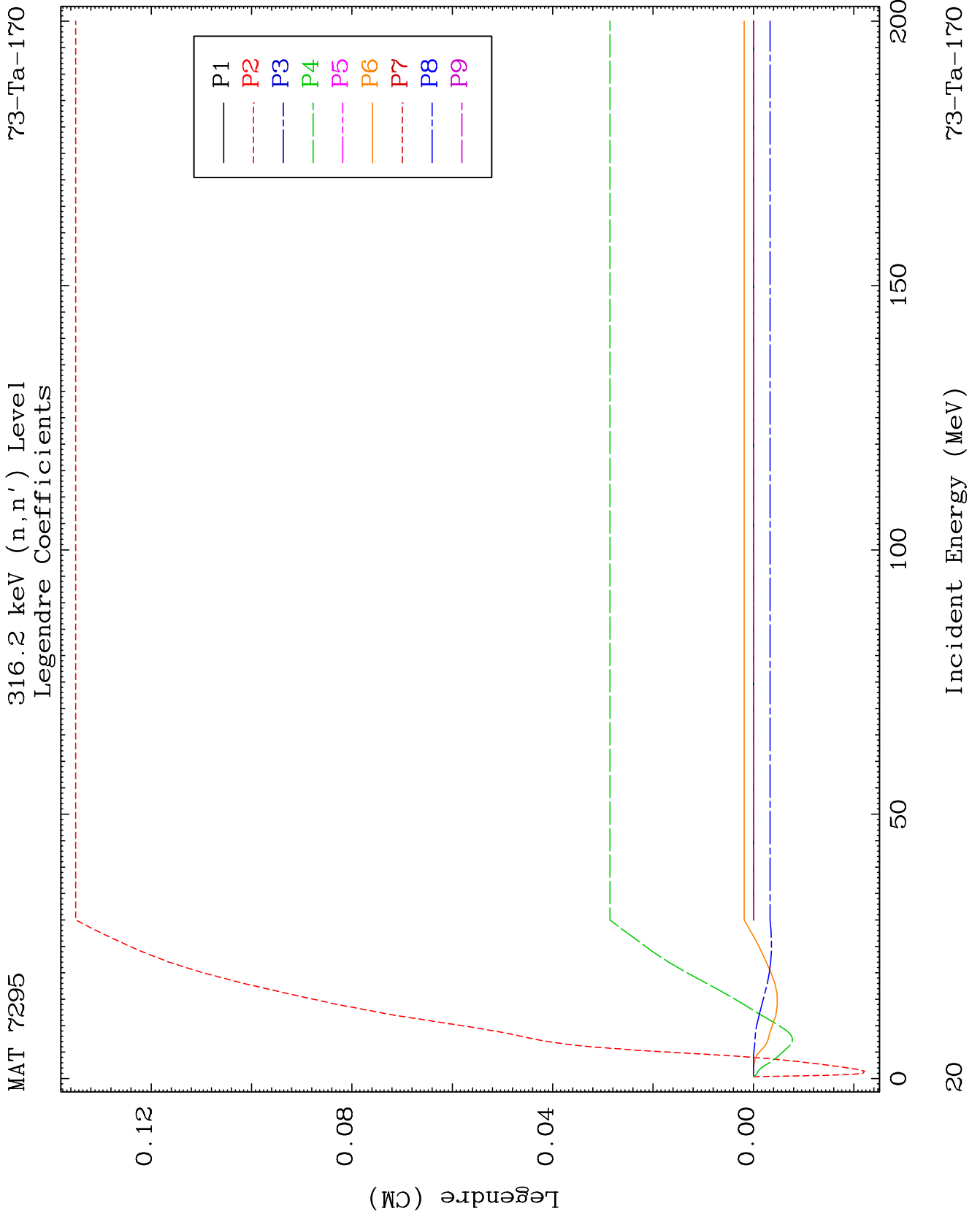
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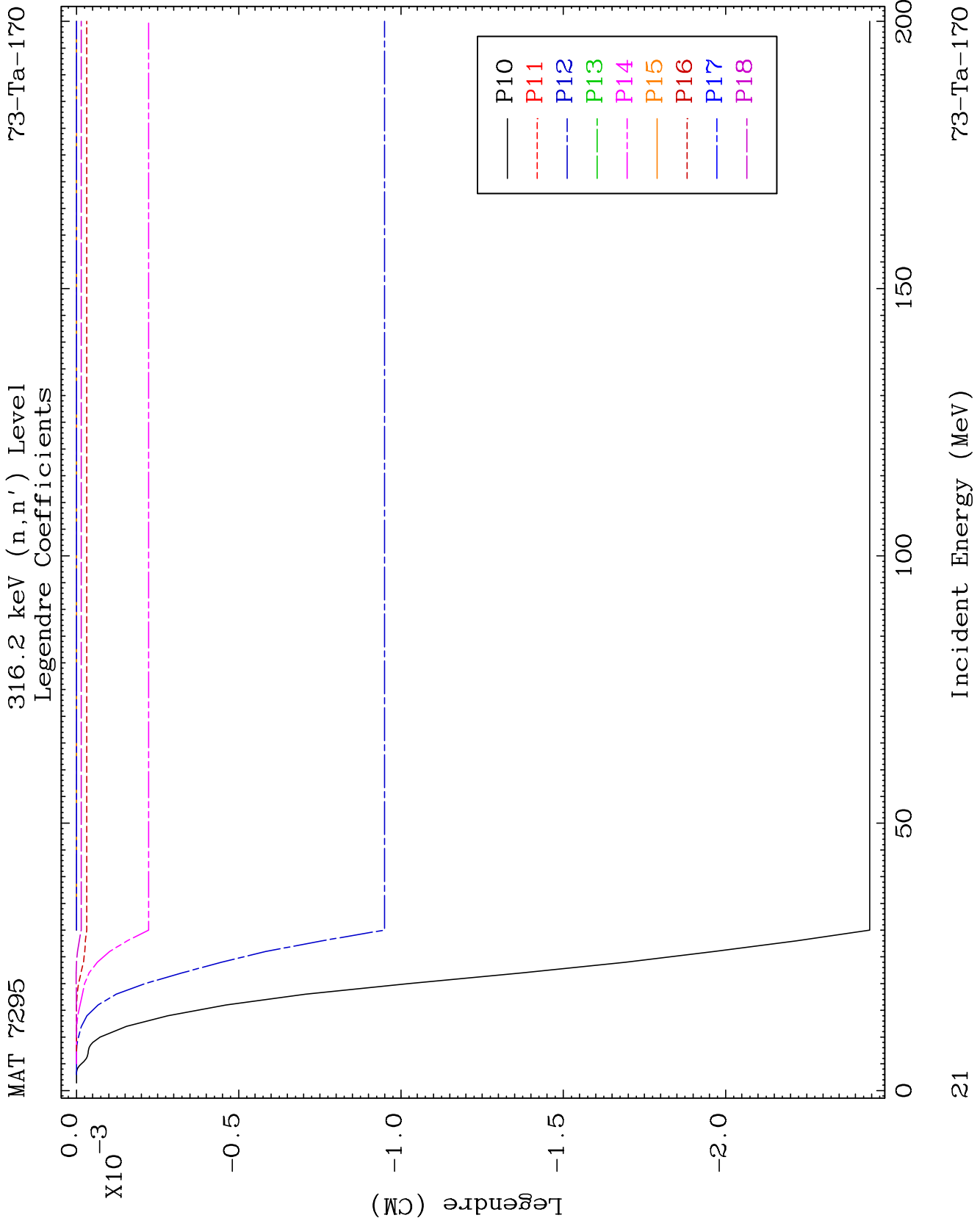
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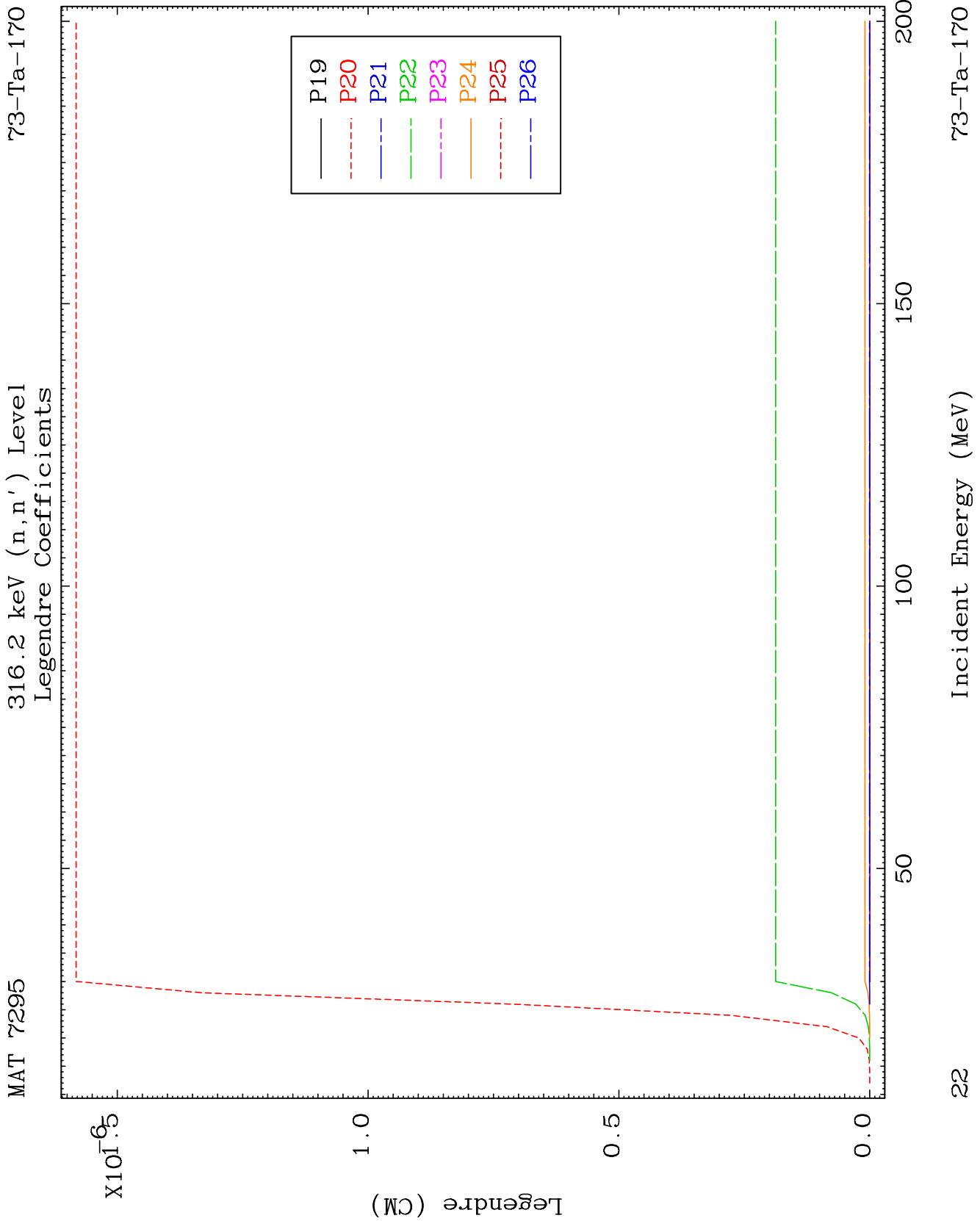
Incident Energy (MeV)

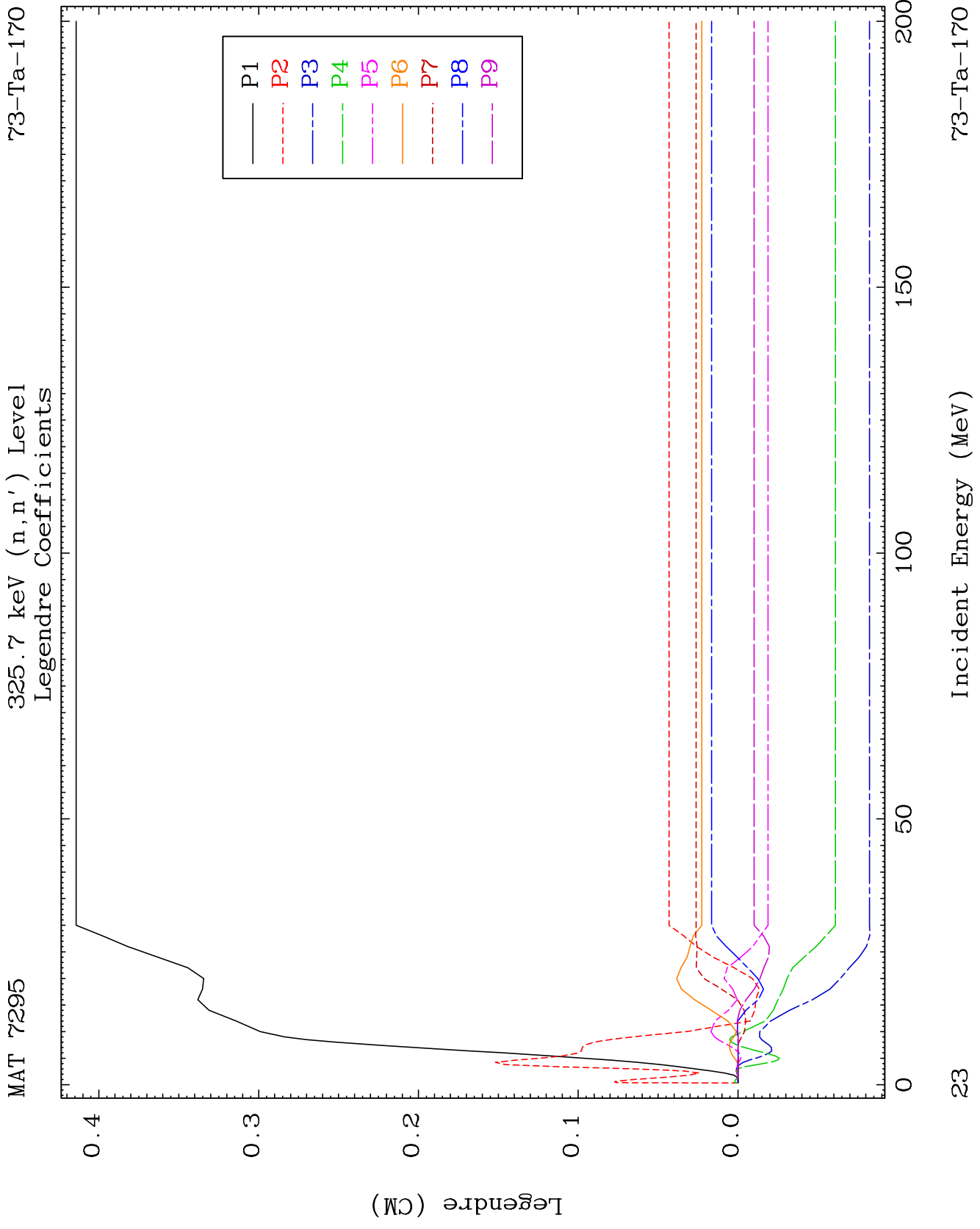
⁷³Ta-170

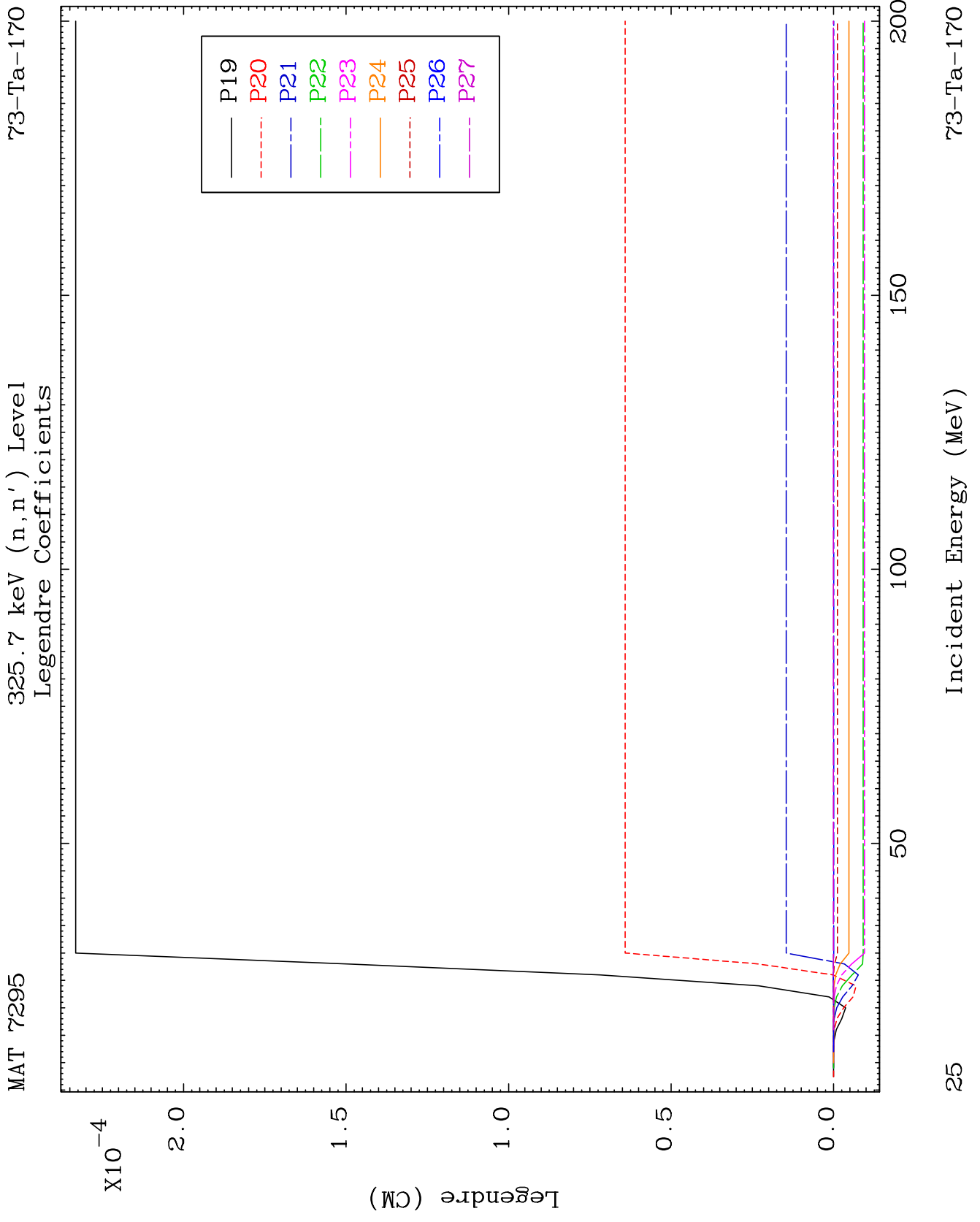


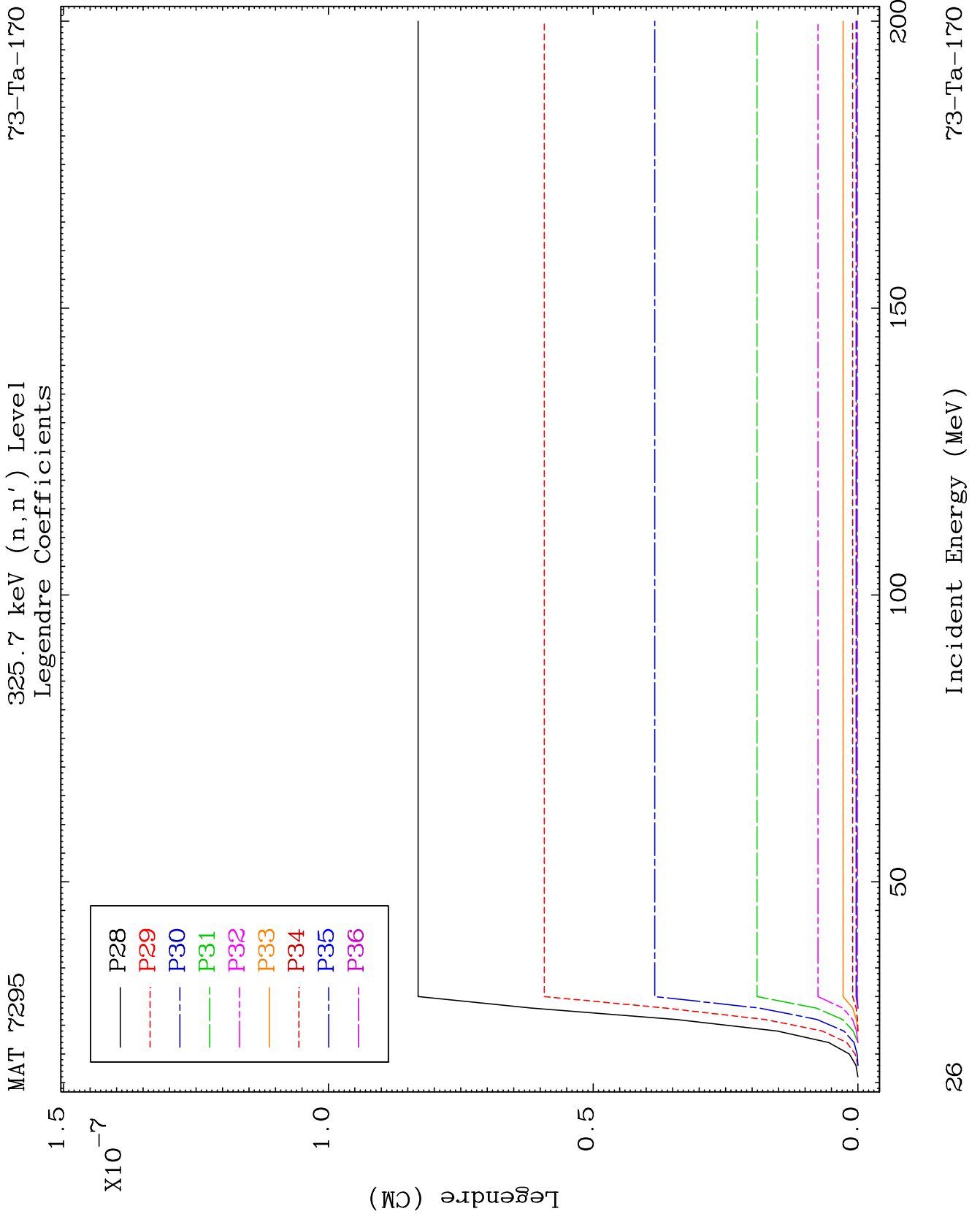


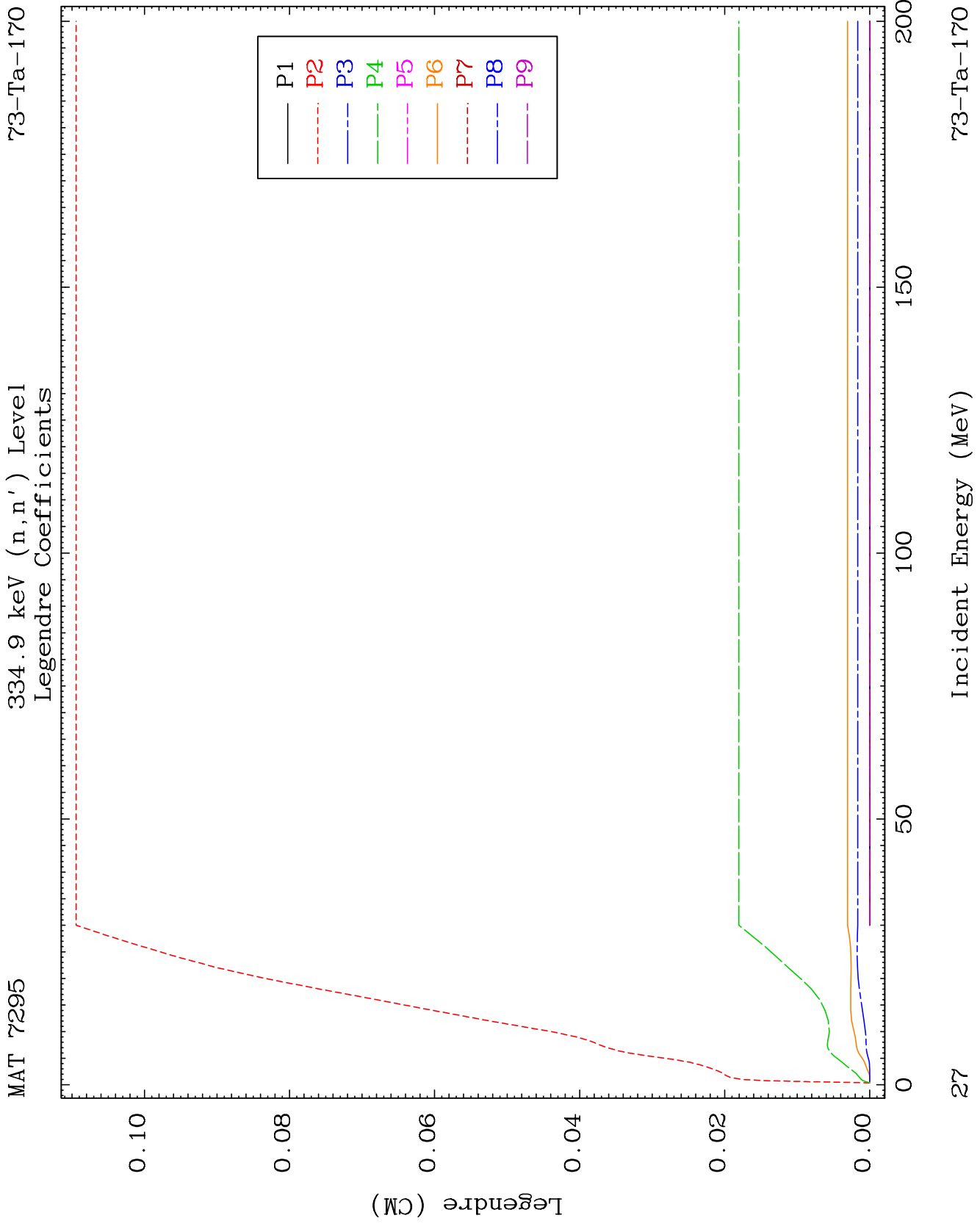








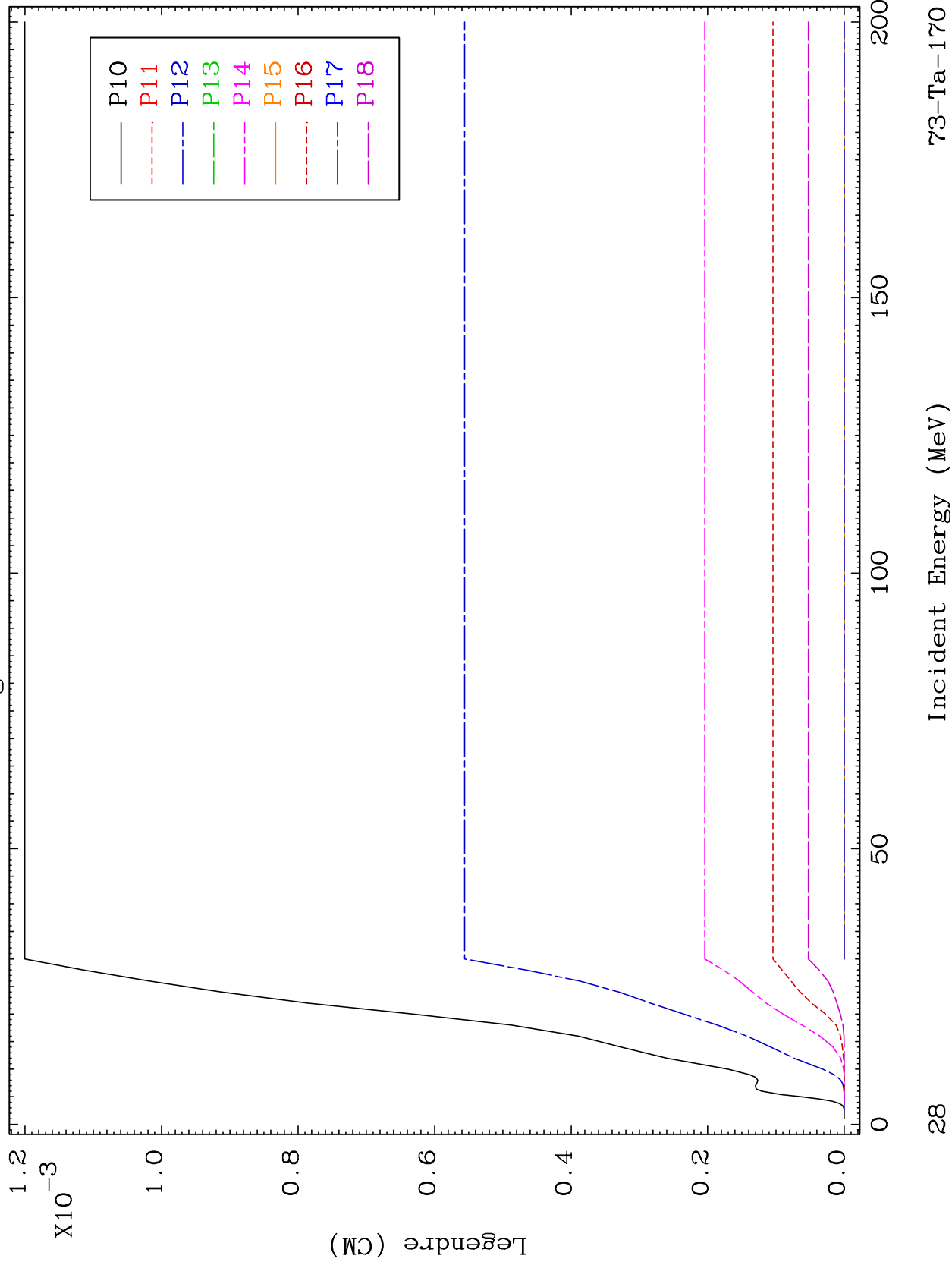




MAT 7295

334.9 keV (n,n') Level
Legendre Coefficients

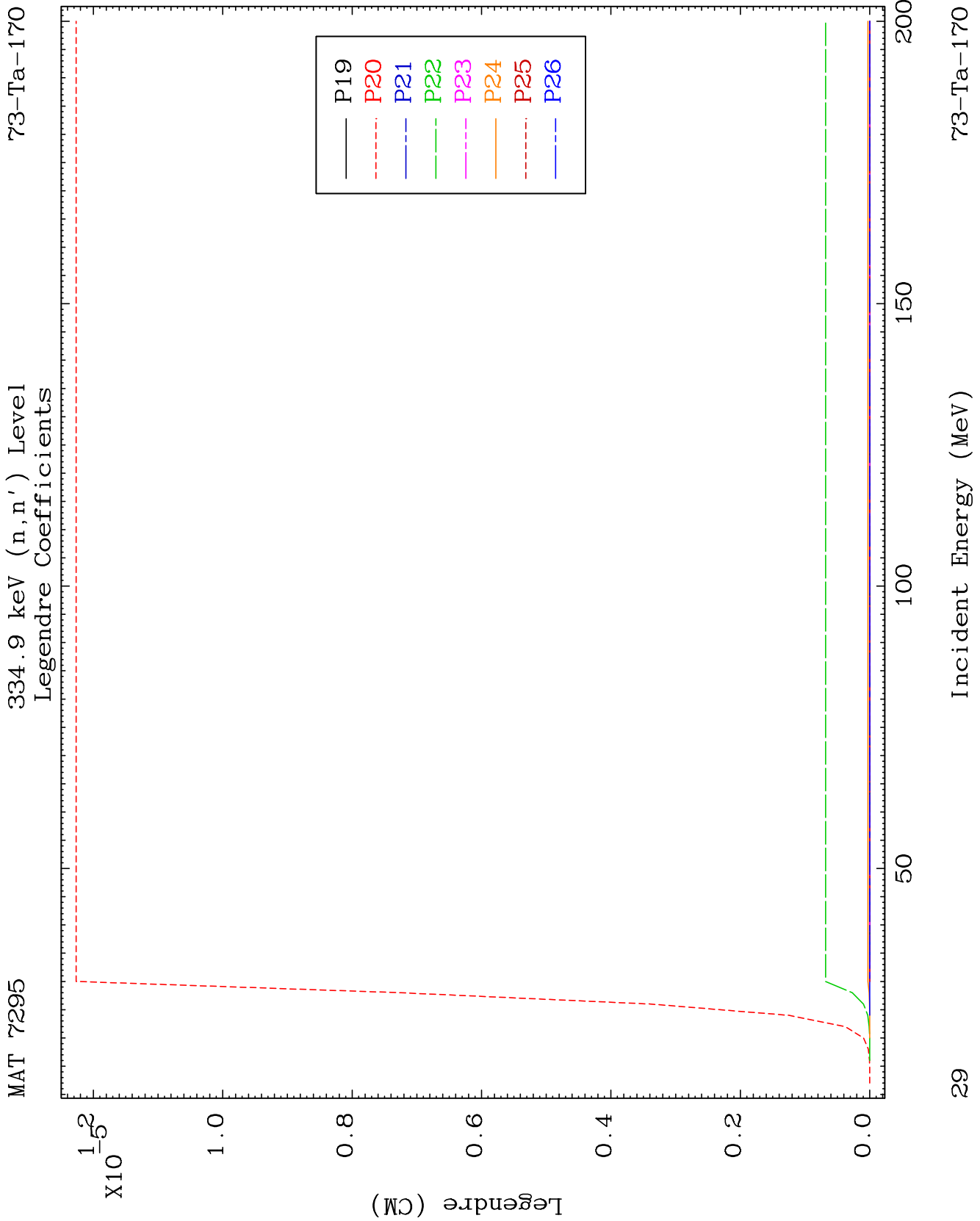
73-Ta-170



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Incident Energy (MeV)

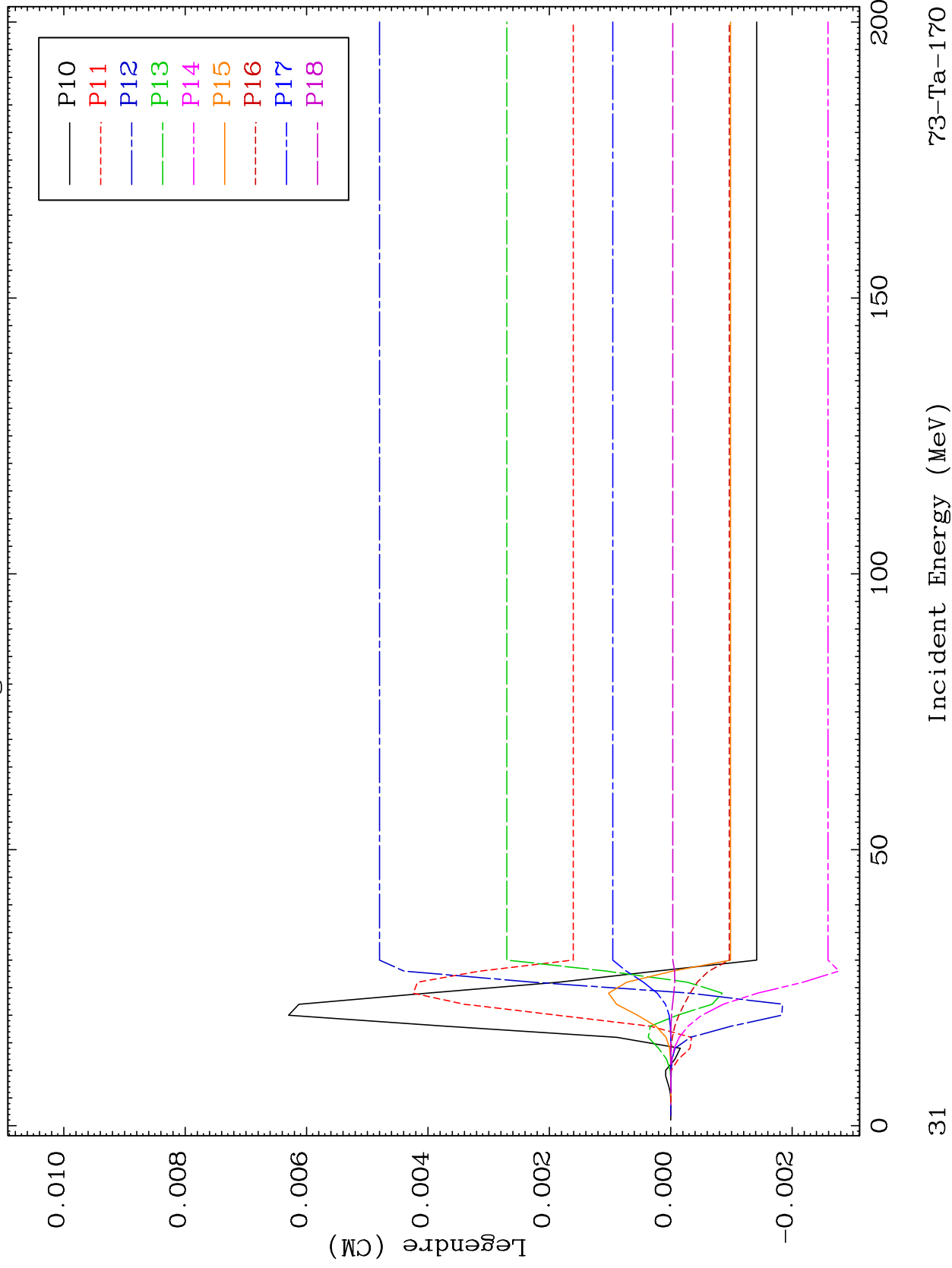
73-Ta-170



MAT 7295

336.9 keV (n,n') Level
Legendre Coefficients

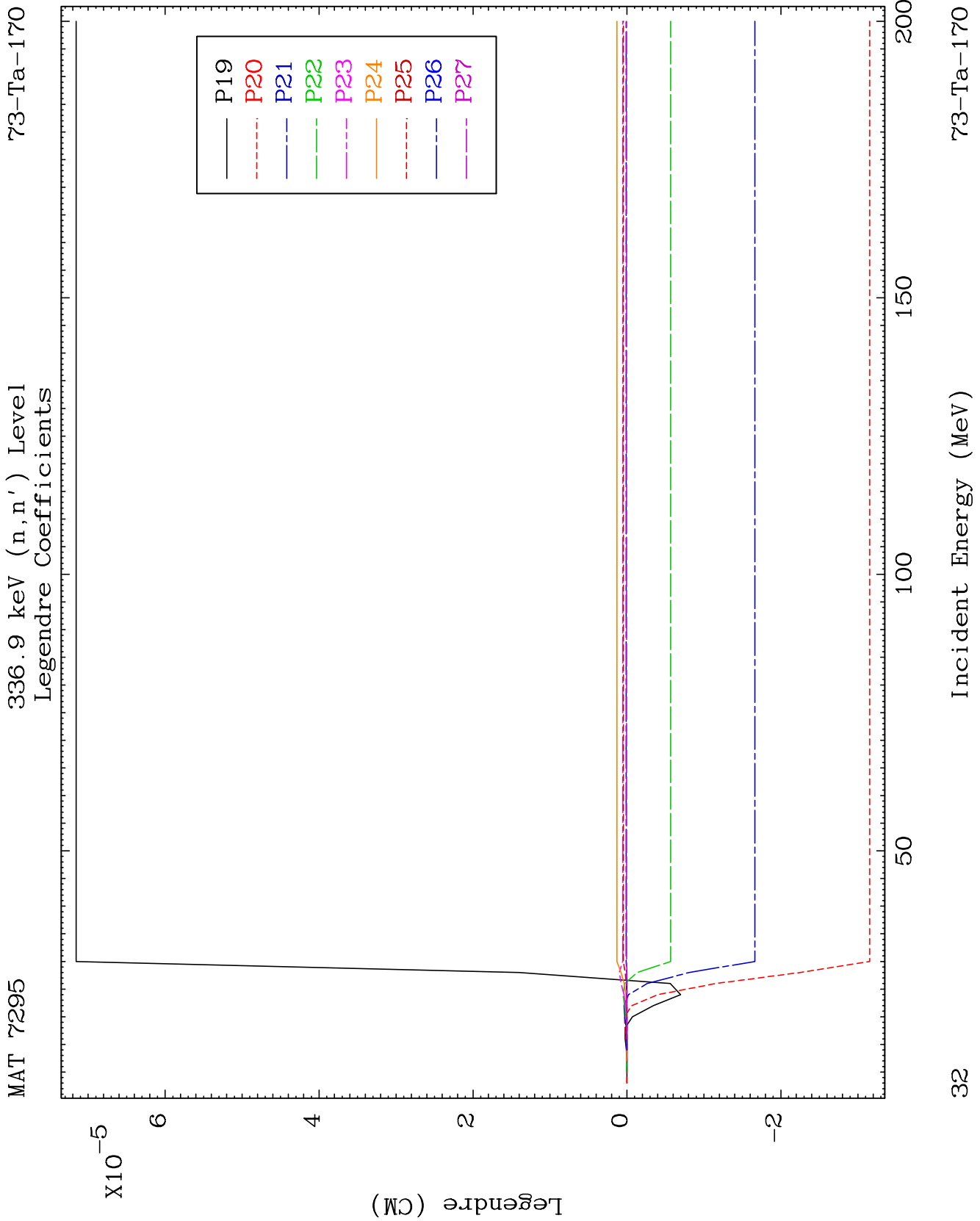
73-Ta-170



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Incident Energy (MeV)

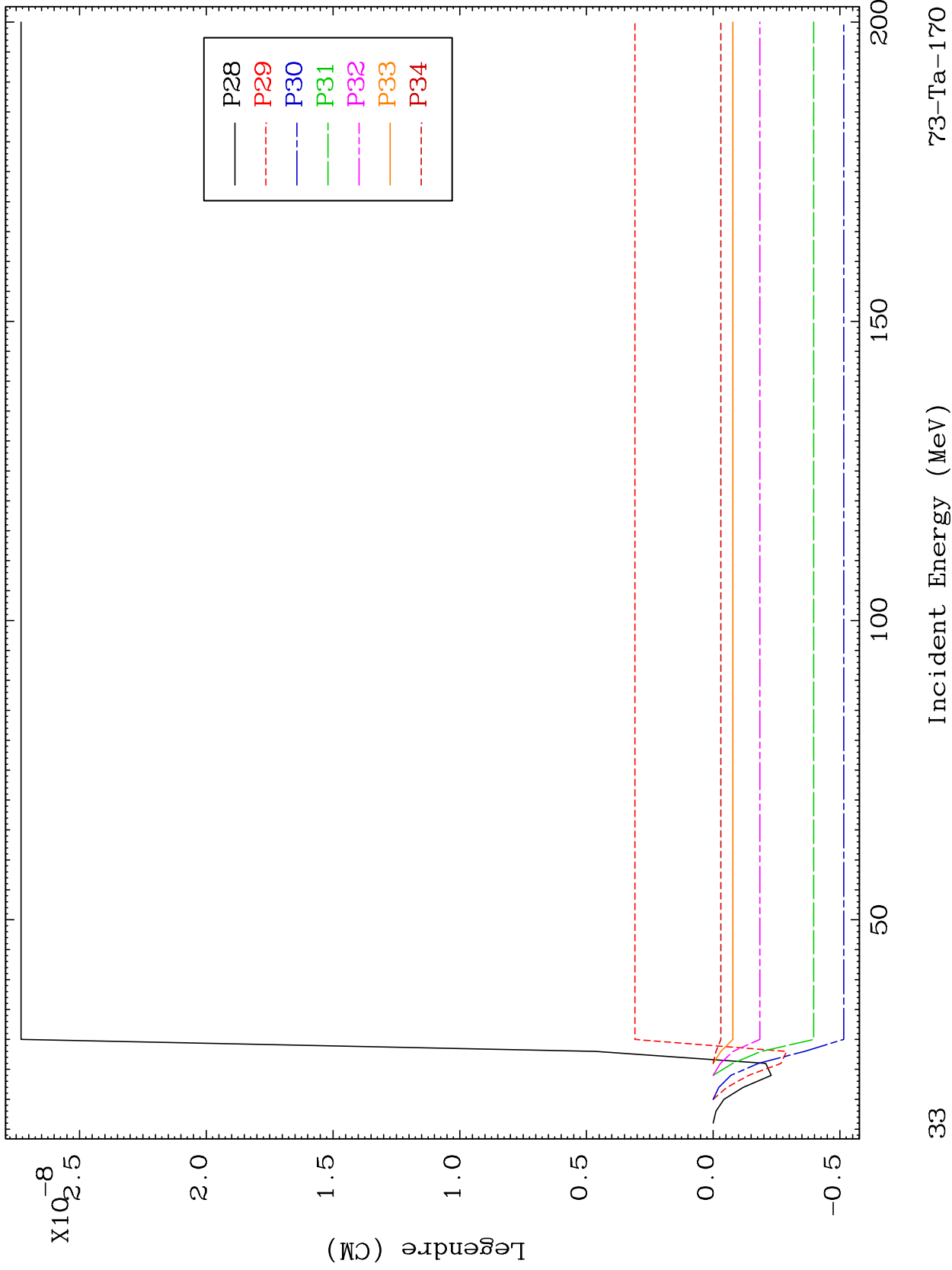
73-Ta-170



MAT 7295

336.9 keV (n,n') Level
Legendre Coefficients

73-Ta-170



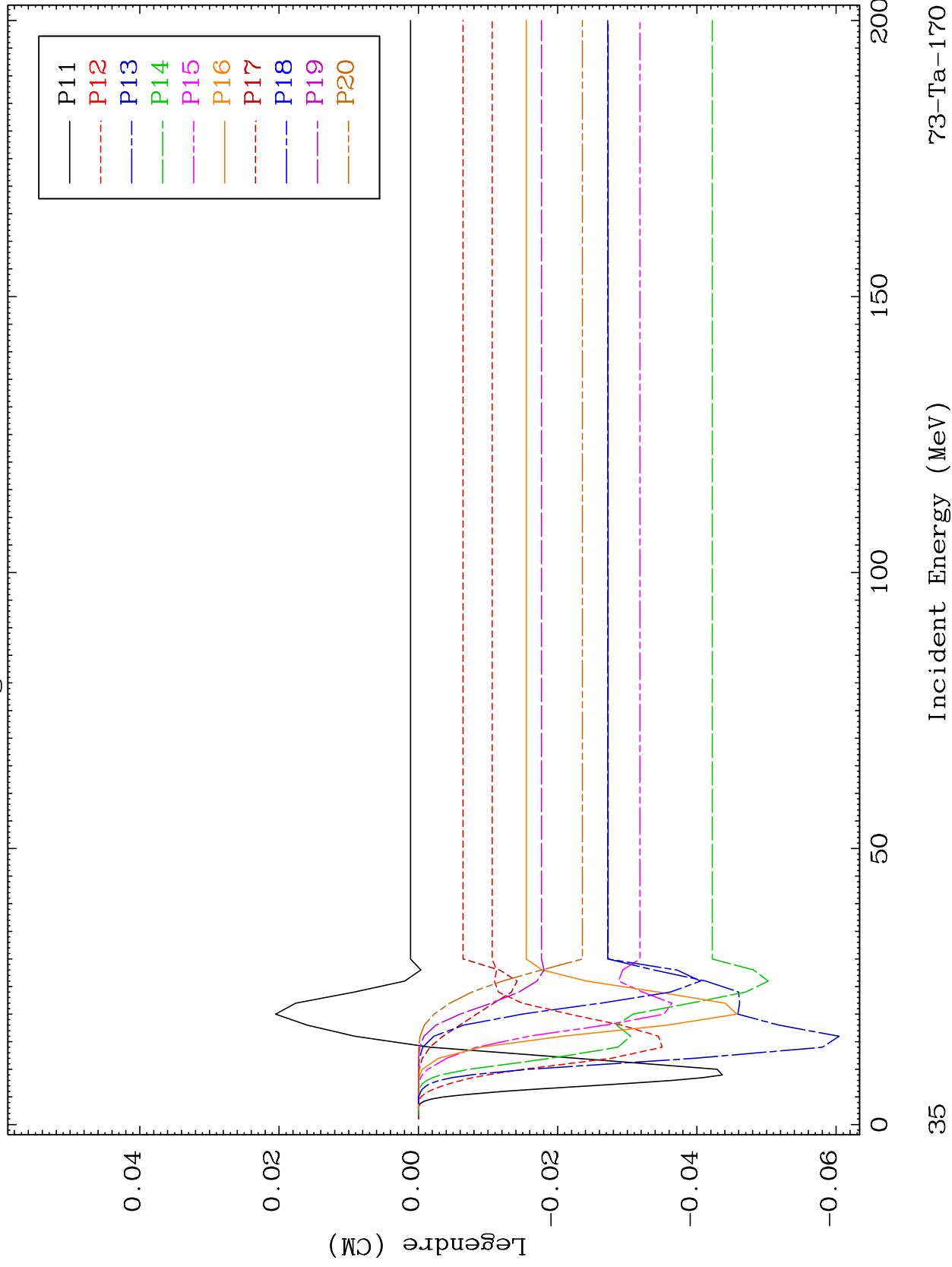
33

73-Ta-170

MAT 7295

337.8 keV (n,n') Level
Legendre Coefficients

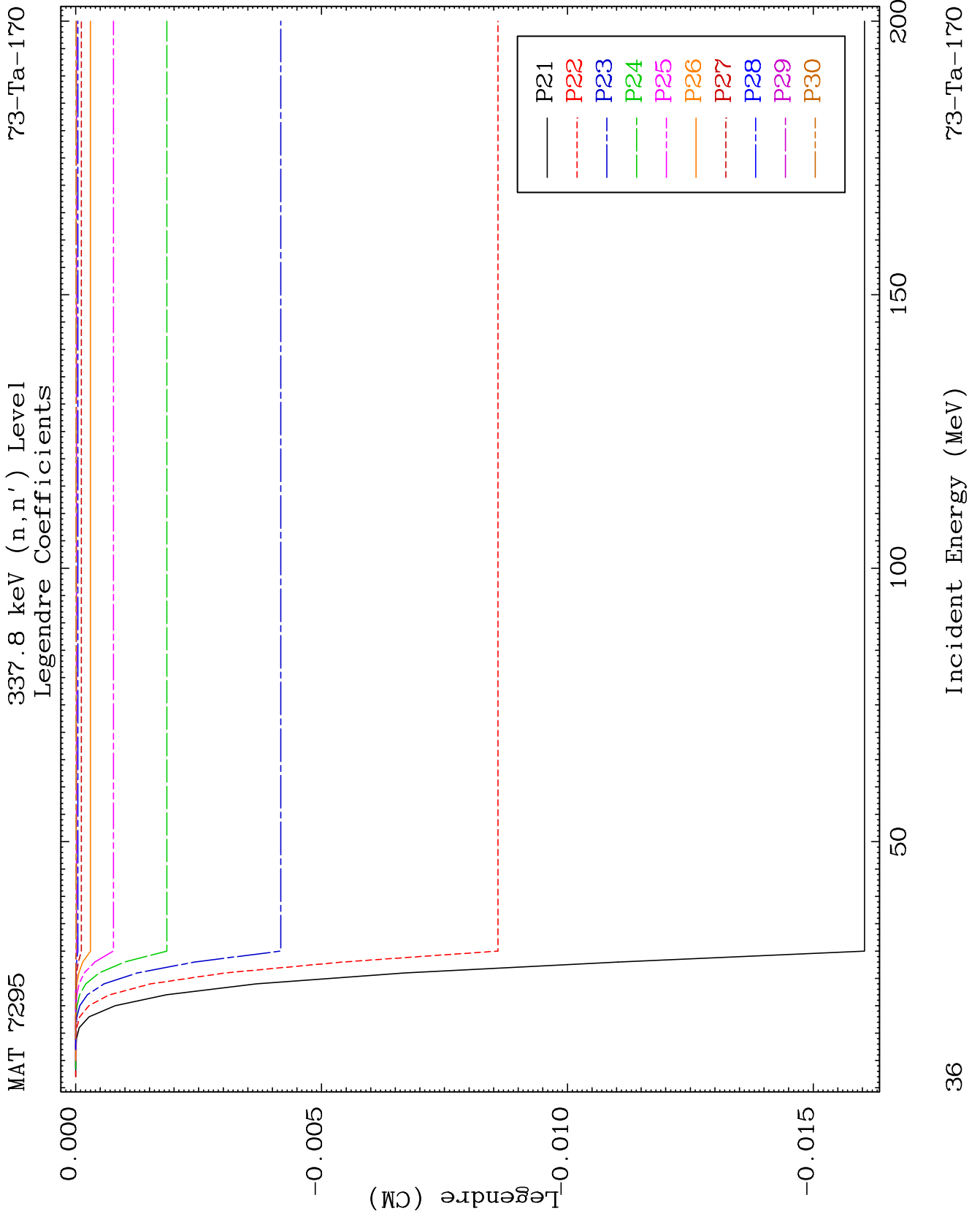
73-Ta-170

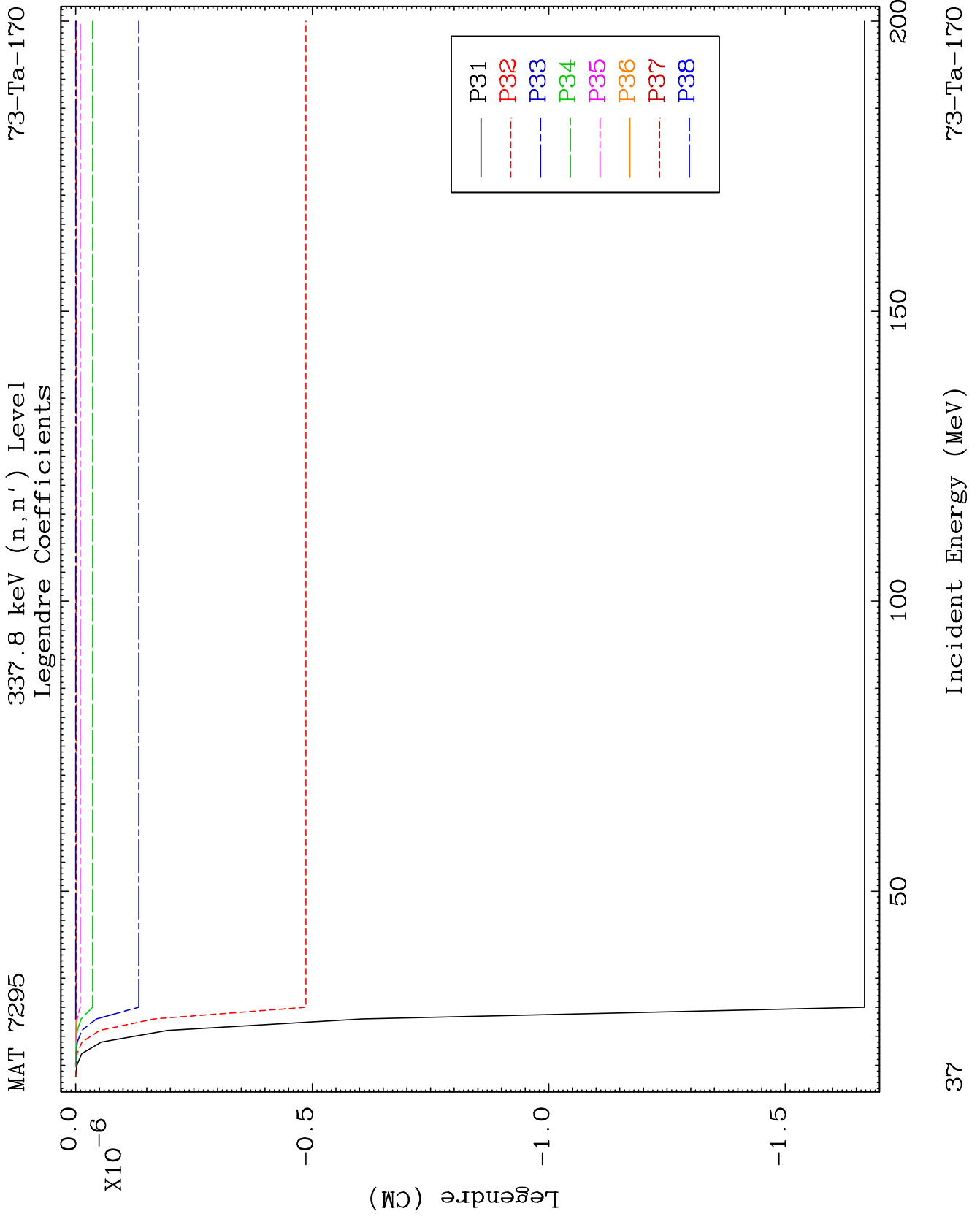


73-Ta-170

Incident Energy (MeV)

35

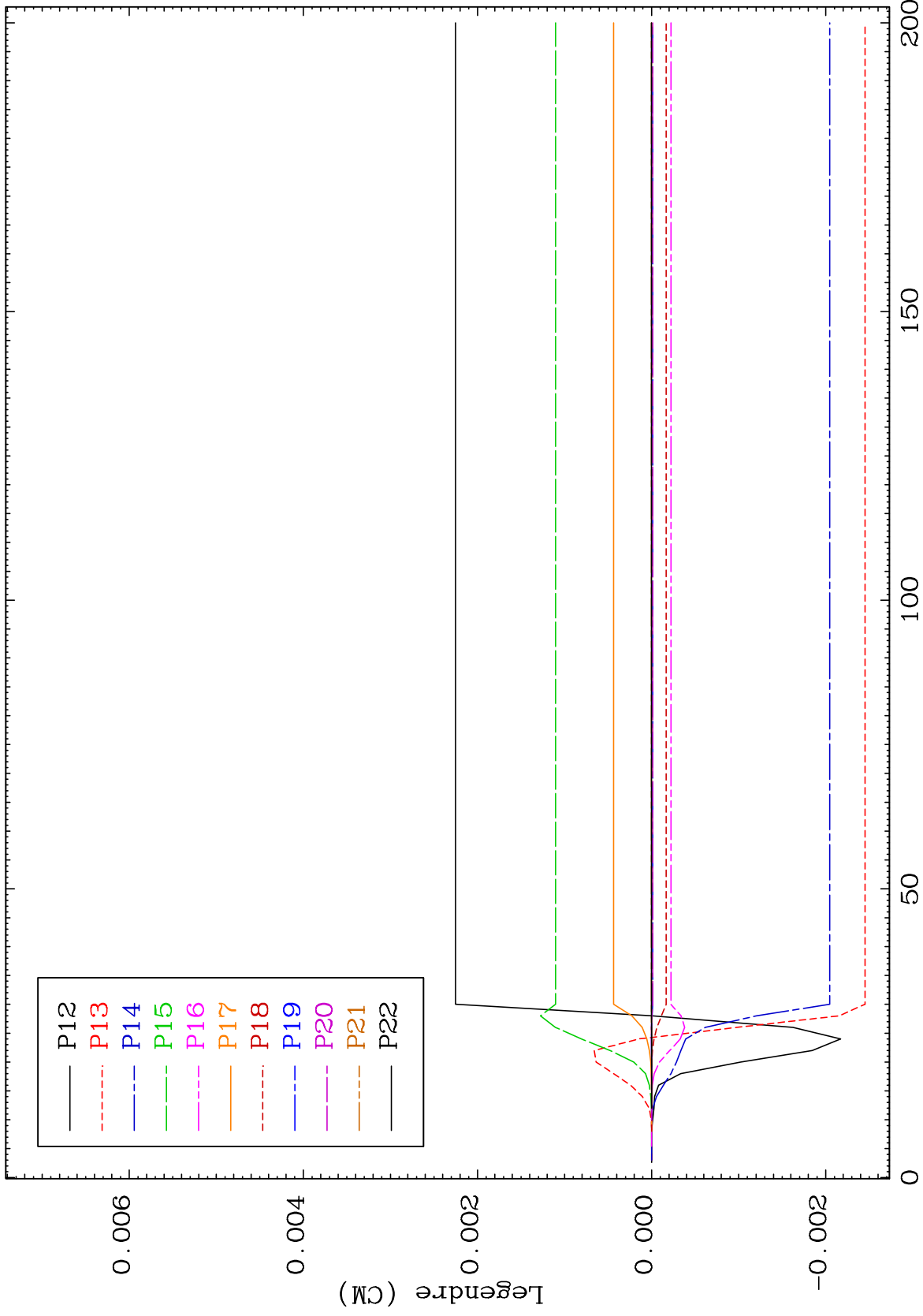




MAT 7295

343.5 keV (n,n') Level
Legendre Coefficients

73-Ta-170



39

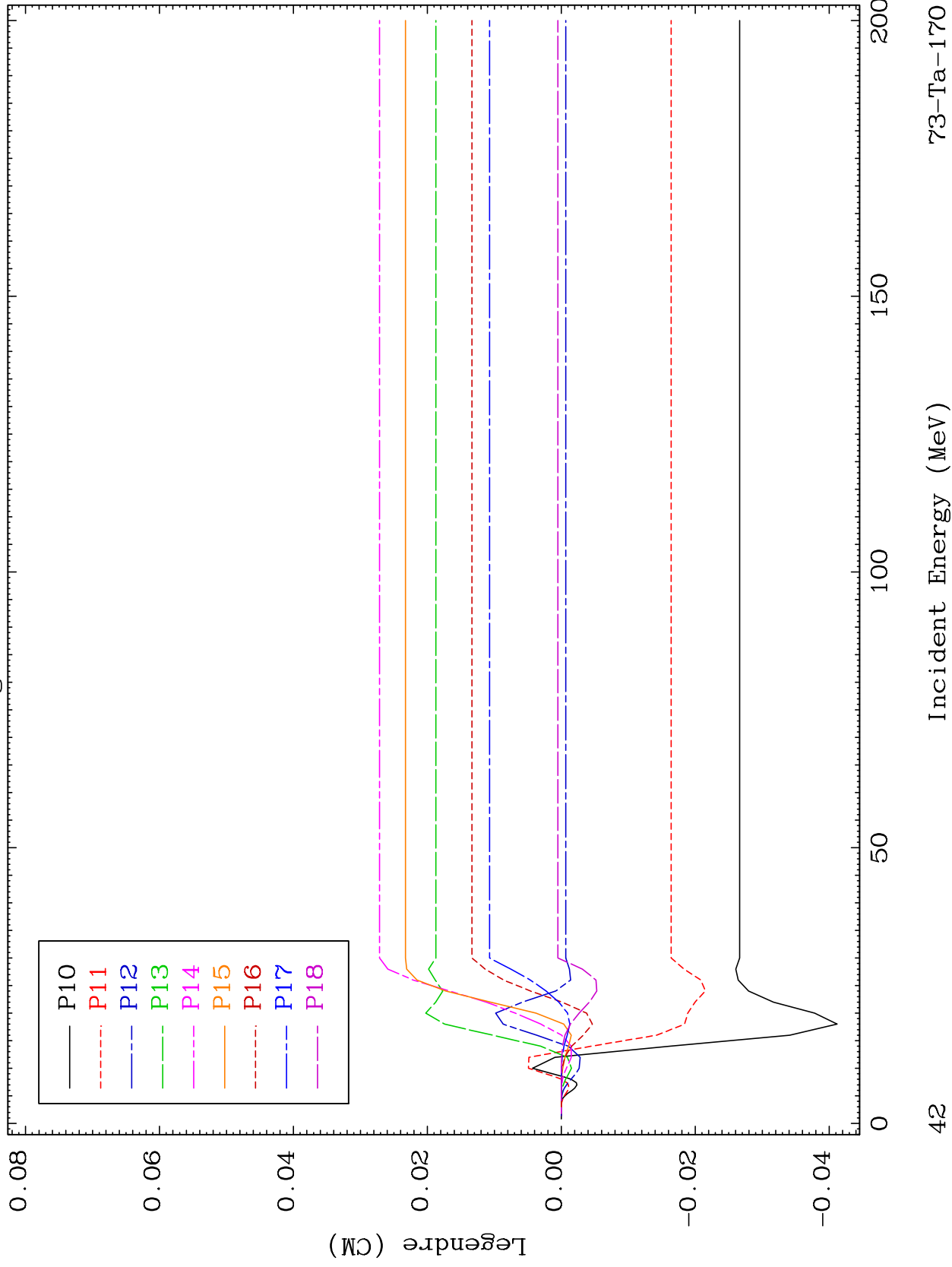
Incident Energy (MeV)

73-Ta-170

MAT 7295

348.1 keV (n,n') Level
Legendre Coefficients

73-Ta-170



42

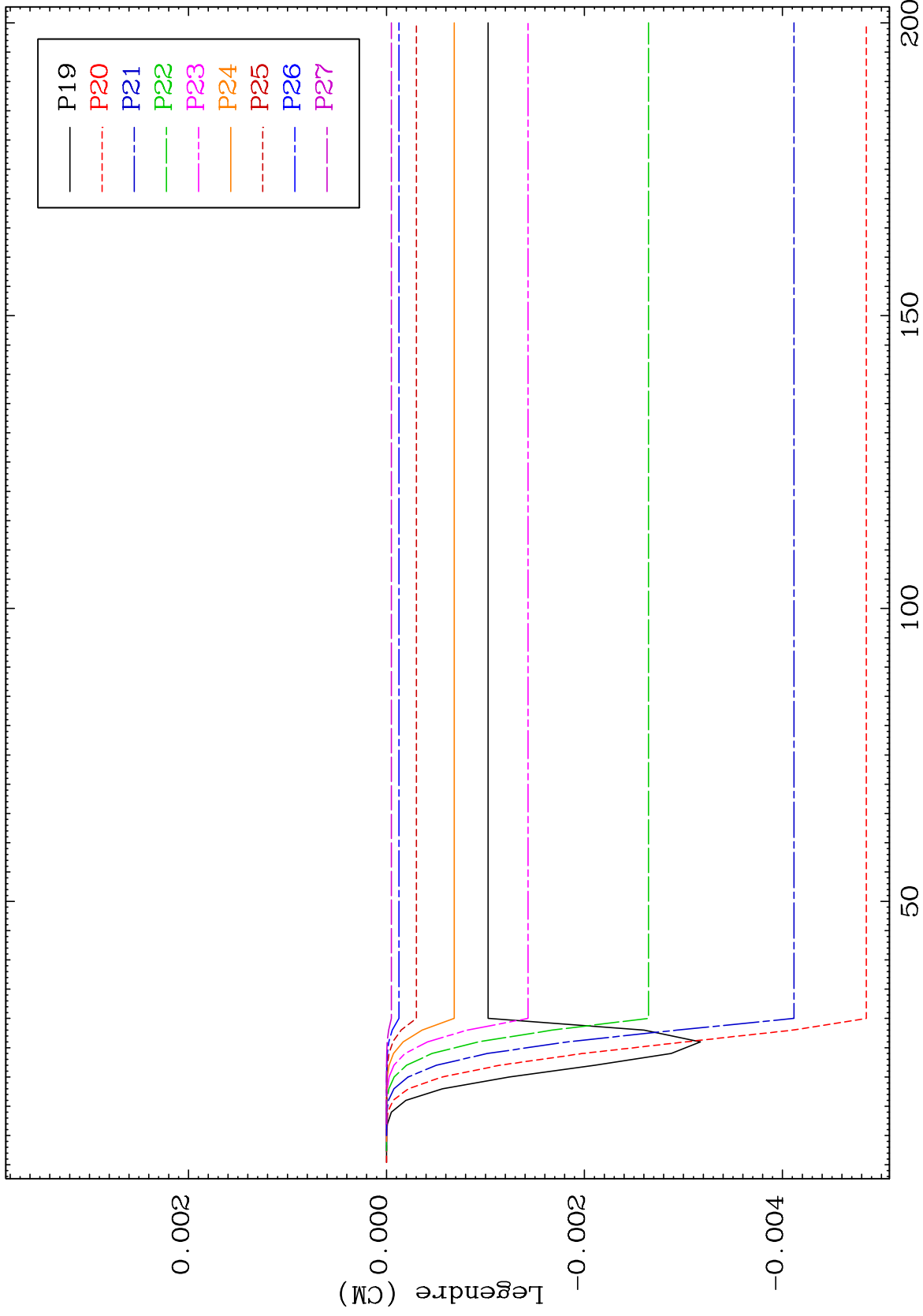
Incident Energy (MeV)

73-Ta-170

MAT 7295

348.1 keV (n,n') Level
Legendre Coefficients

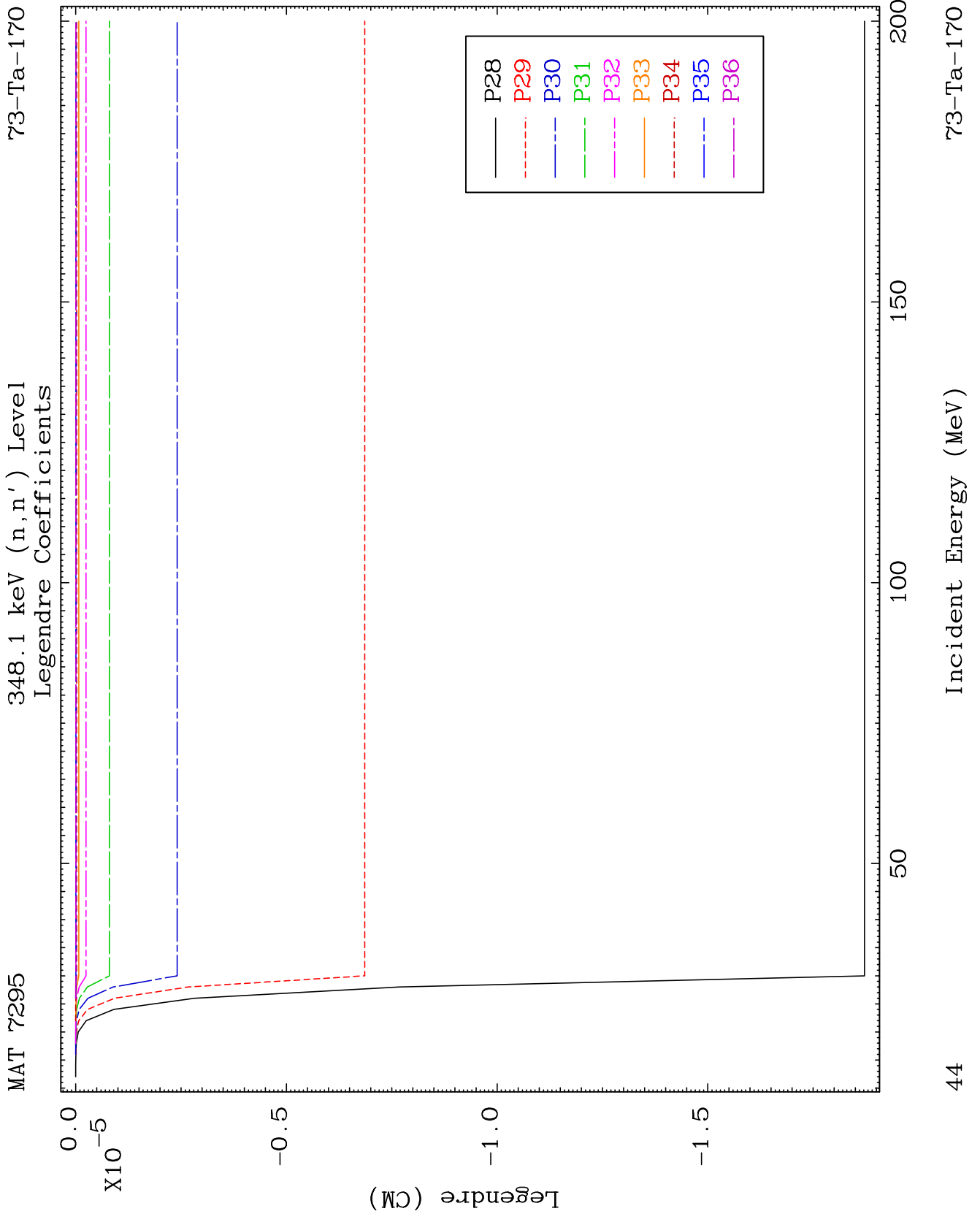
73-Ta-170



43

Incident Energy (MeV)

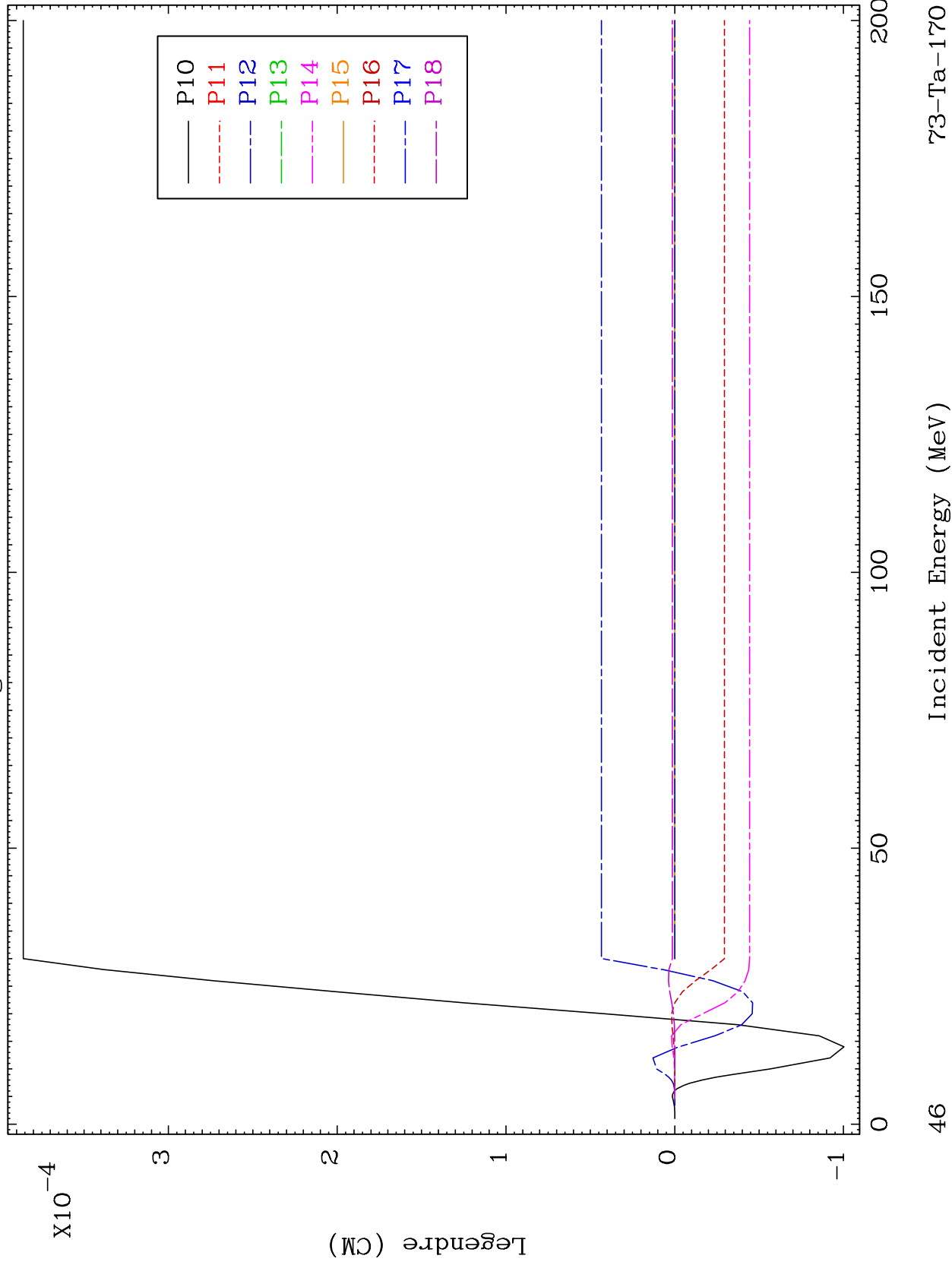
73-Ta-170



MAT 7295

353.0 keV (n,n') Level
Legendre Coefficients

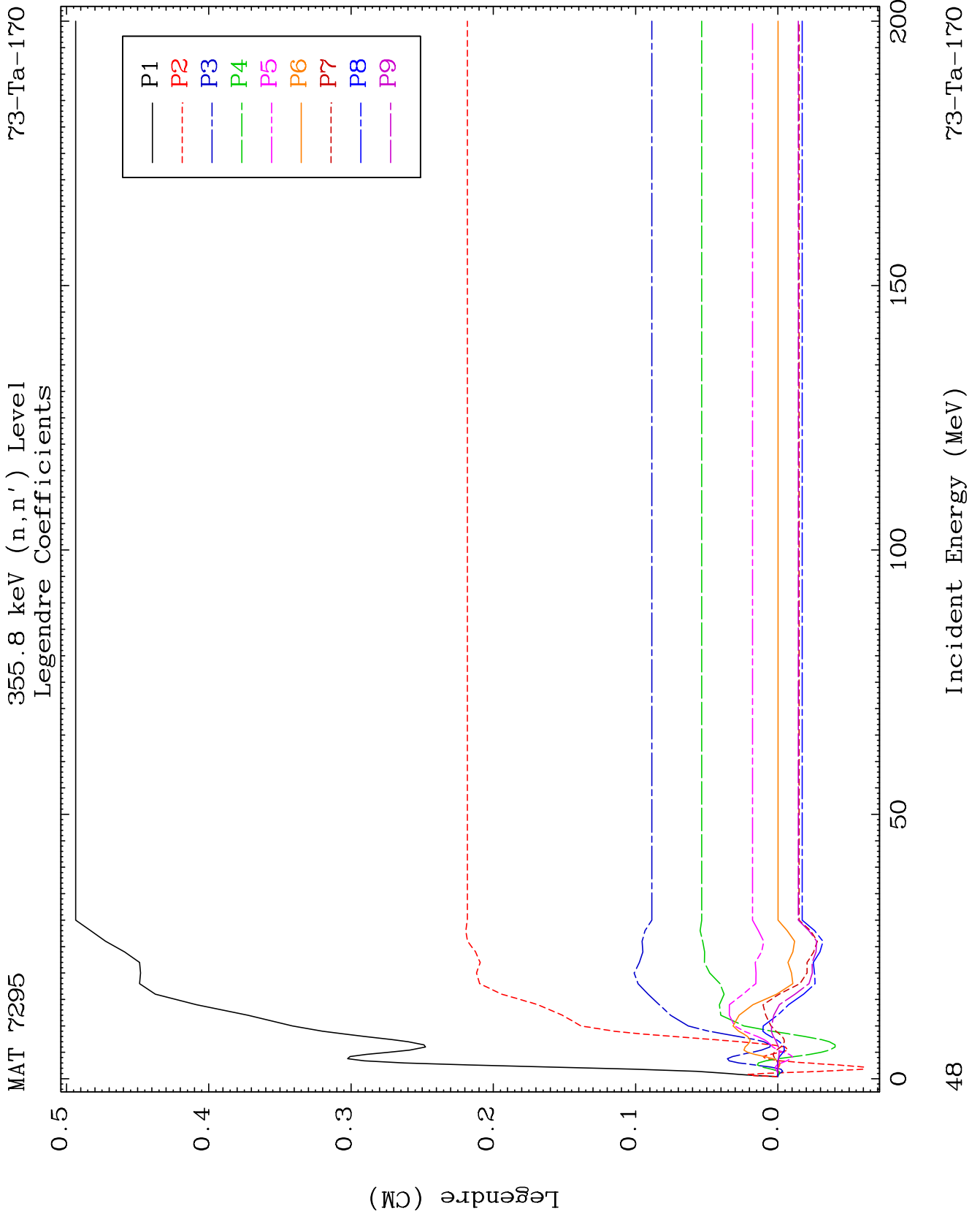
73-Ta-170



46

Incident Energy (MeV)

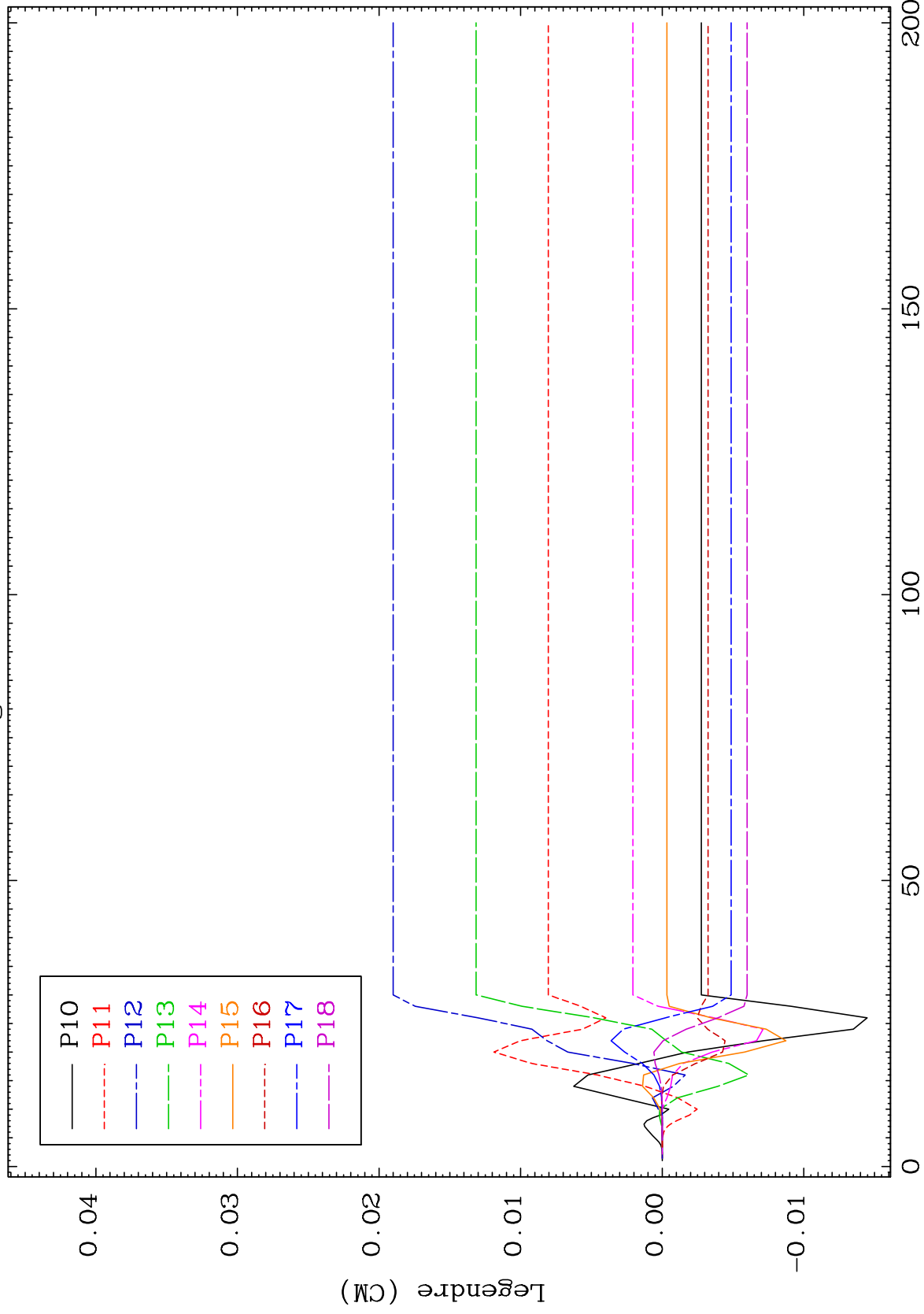
73-Ta-170



MAT 7295

355.8 keV (n,n') Level
Legendre Coefficients

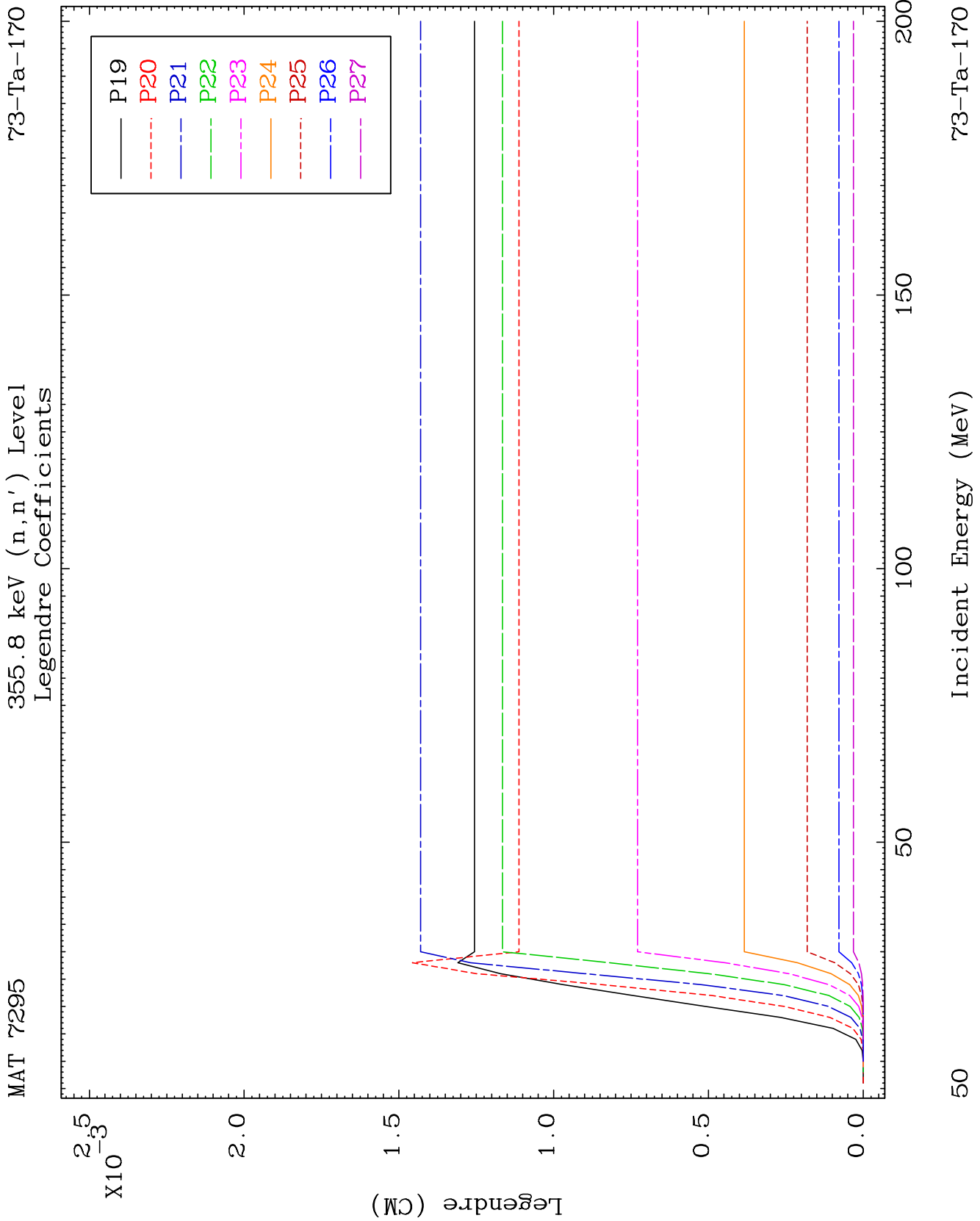
73-Ta-170

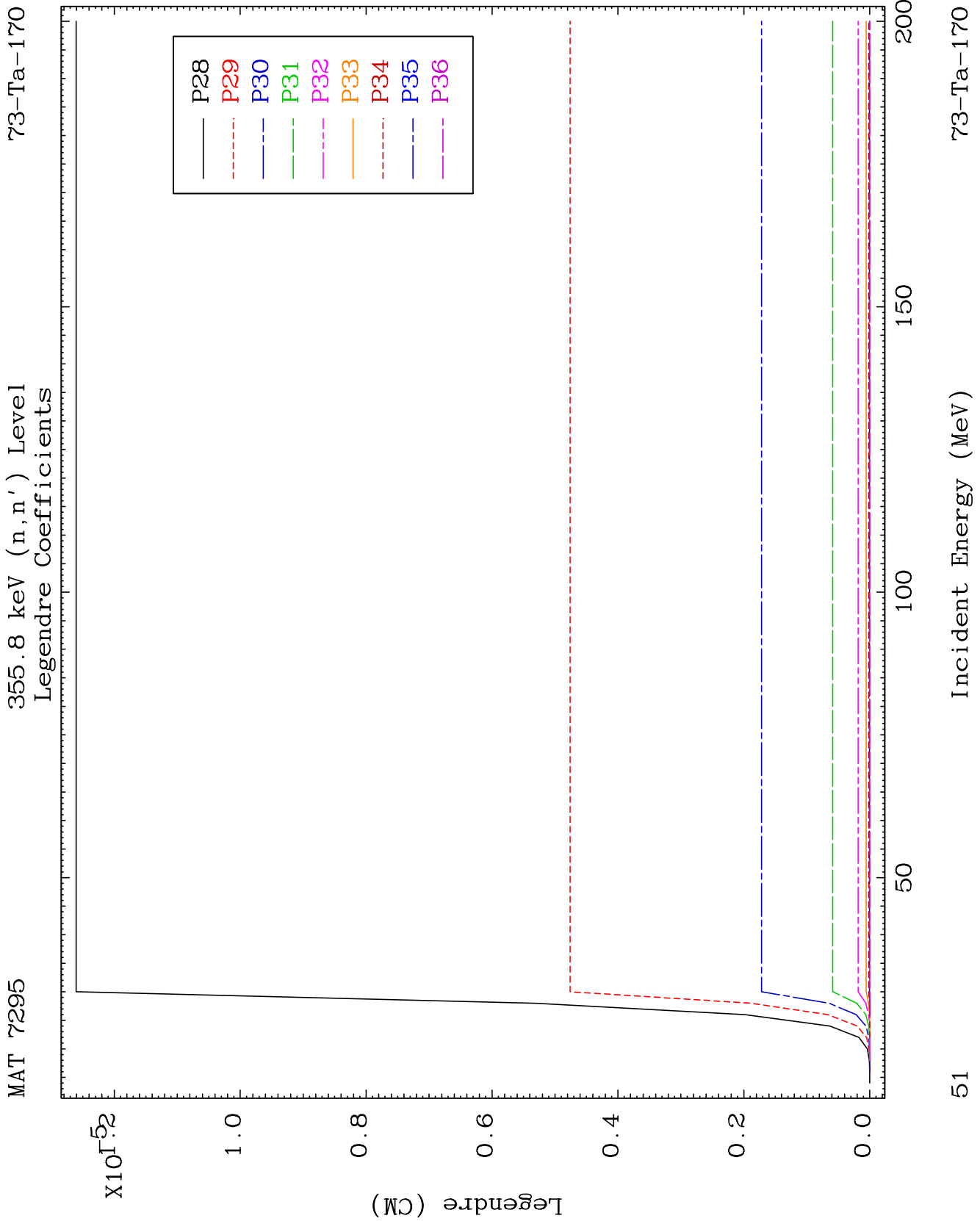


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Incident Energy (MeV)

73-Ta-170

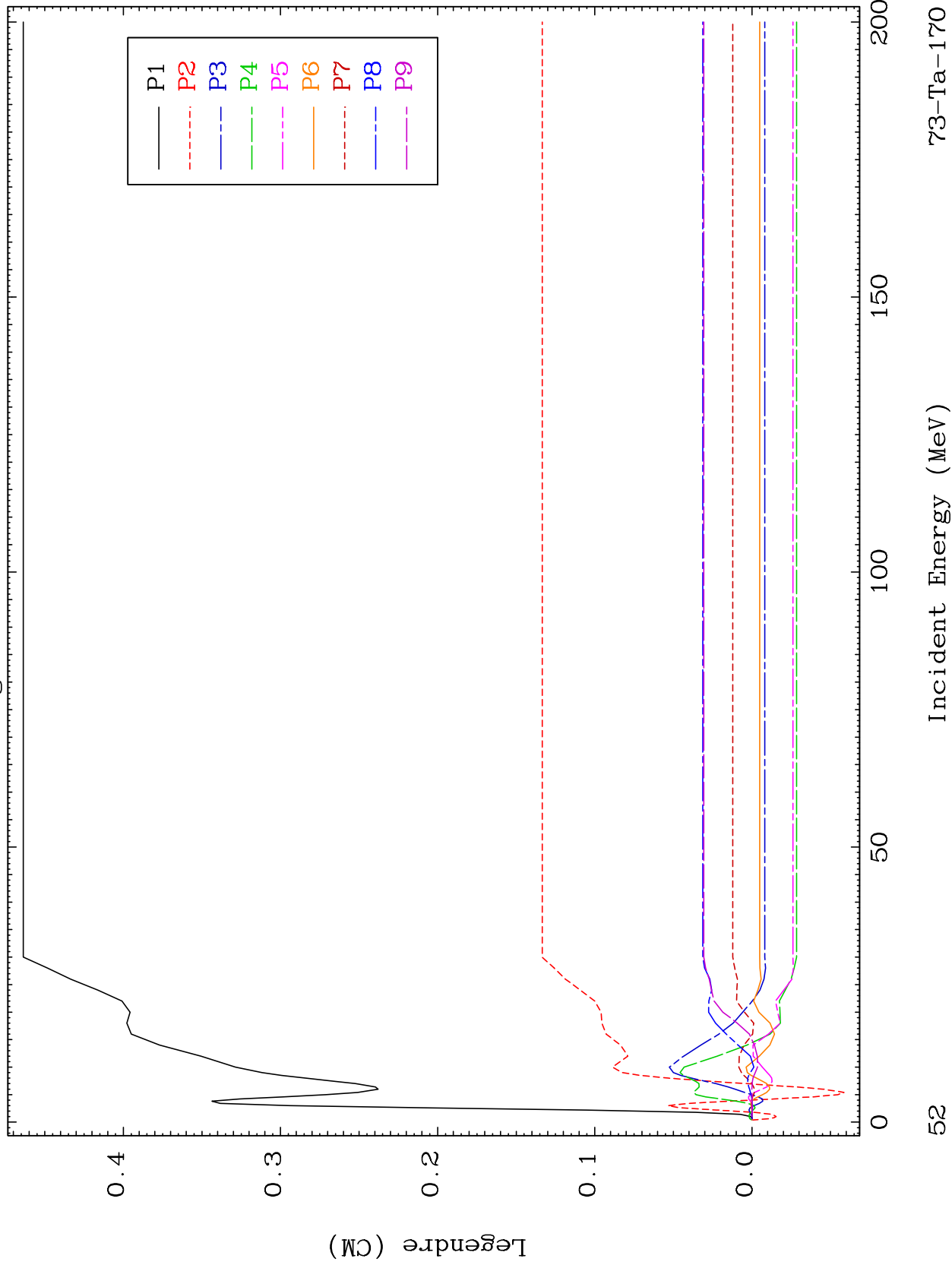




MAT 7295

368.9 keV (n,n') Level
Legendre Coefficients

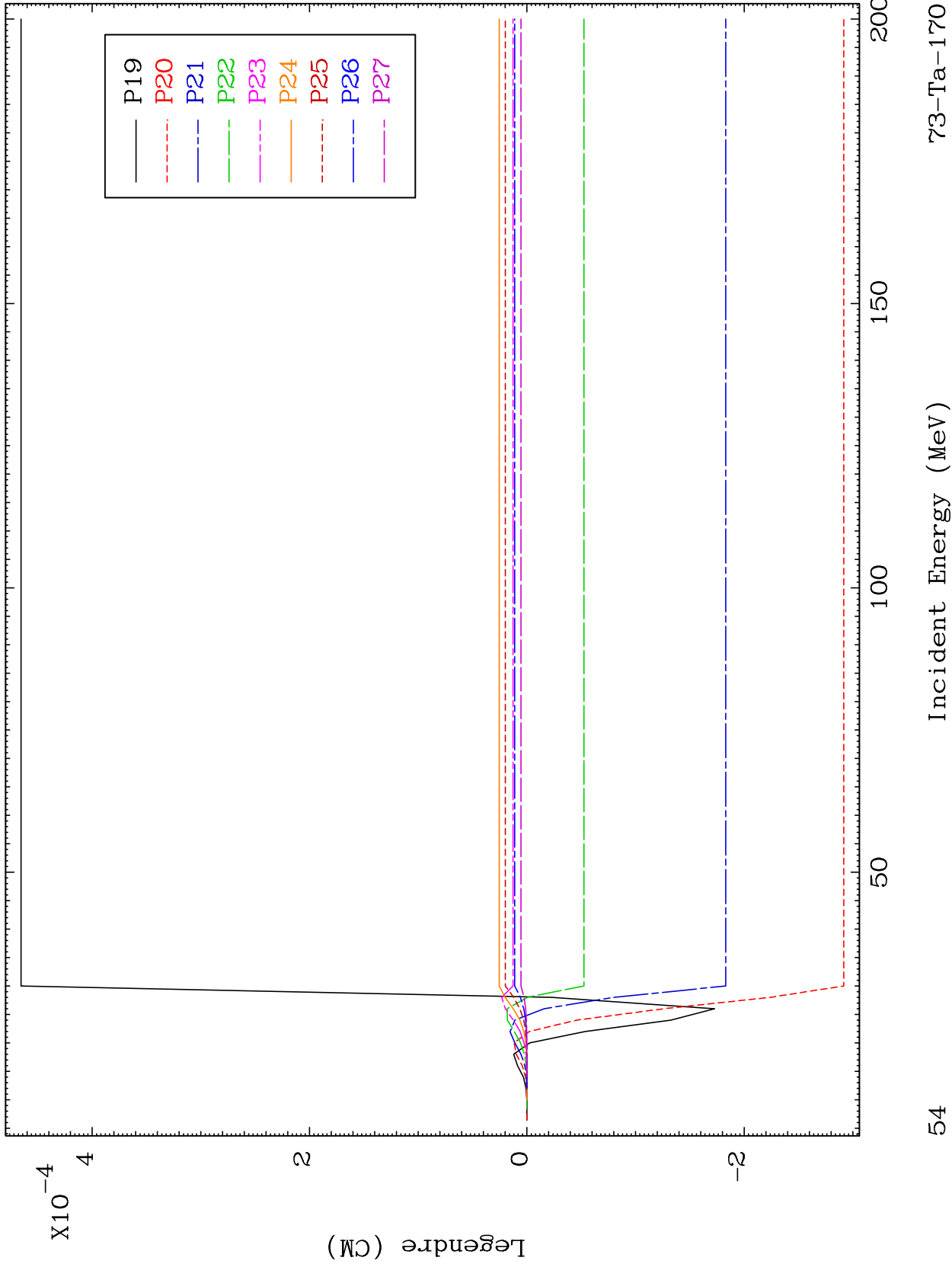
73-Ta-170

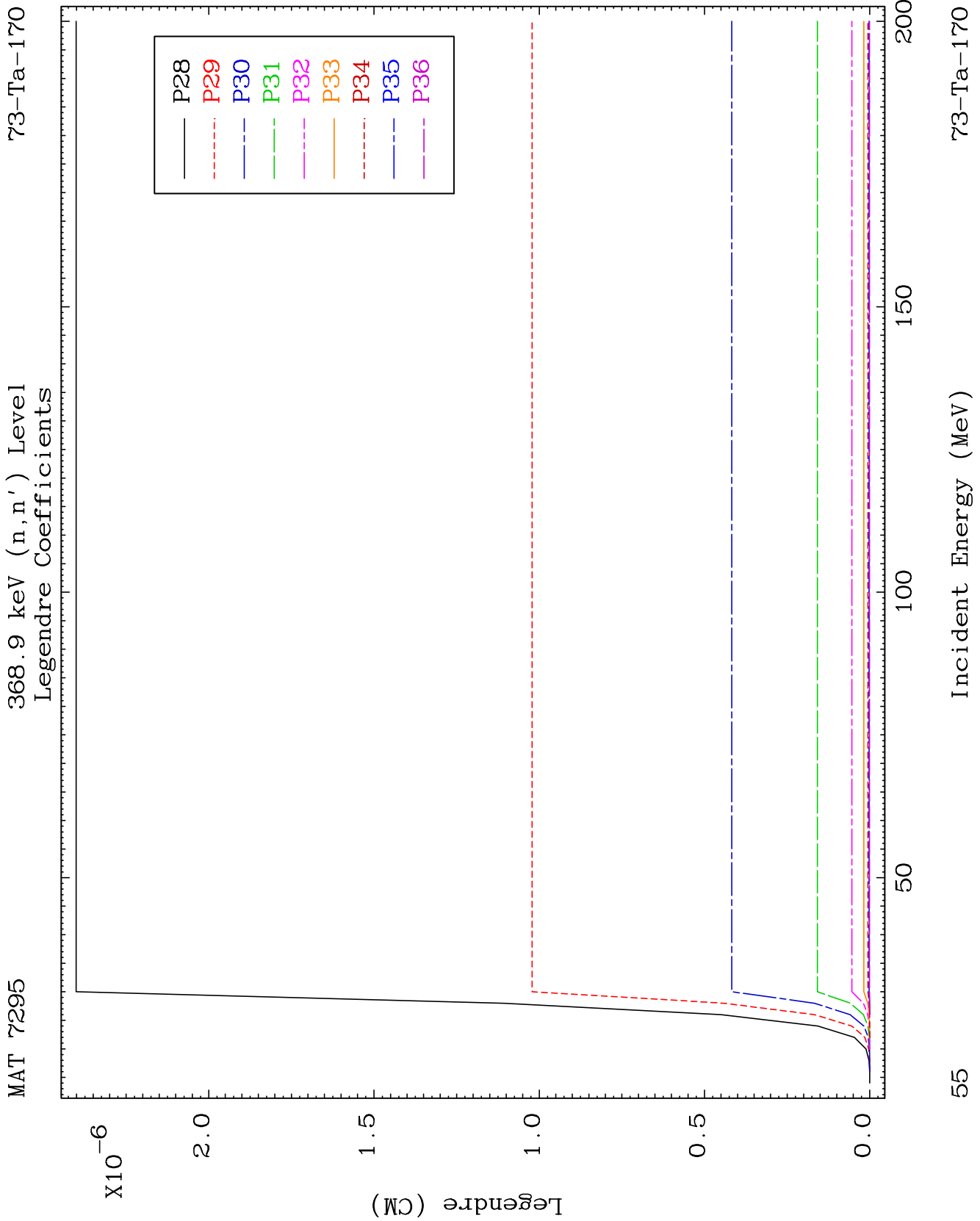


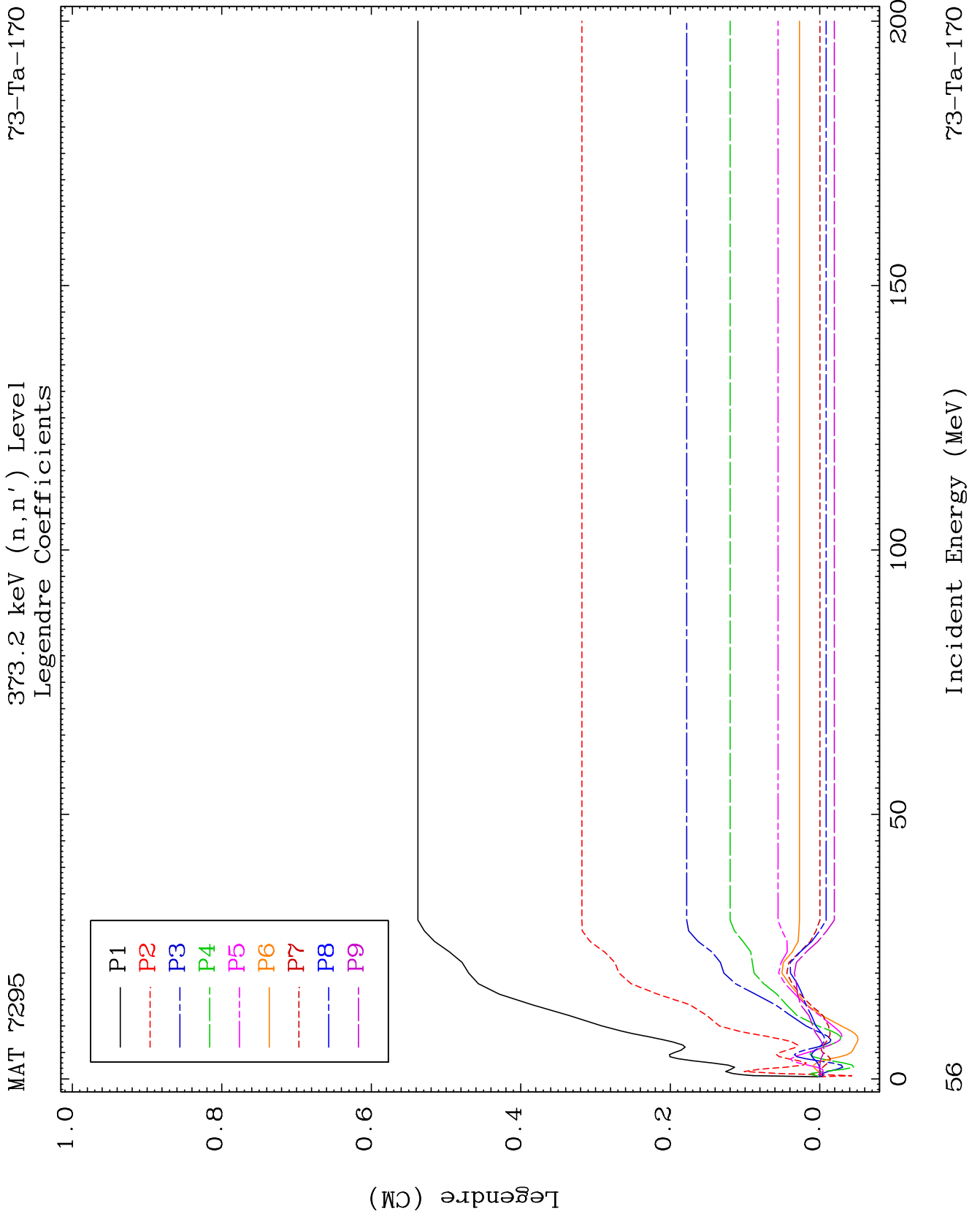
73-Ta-170

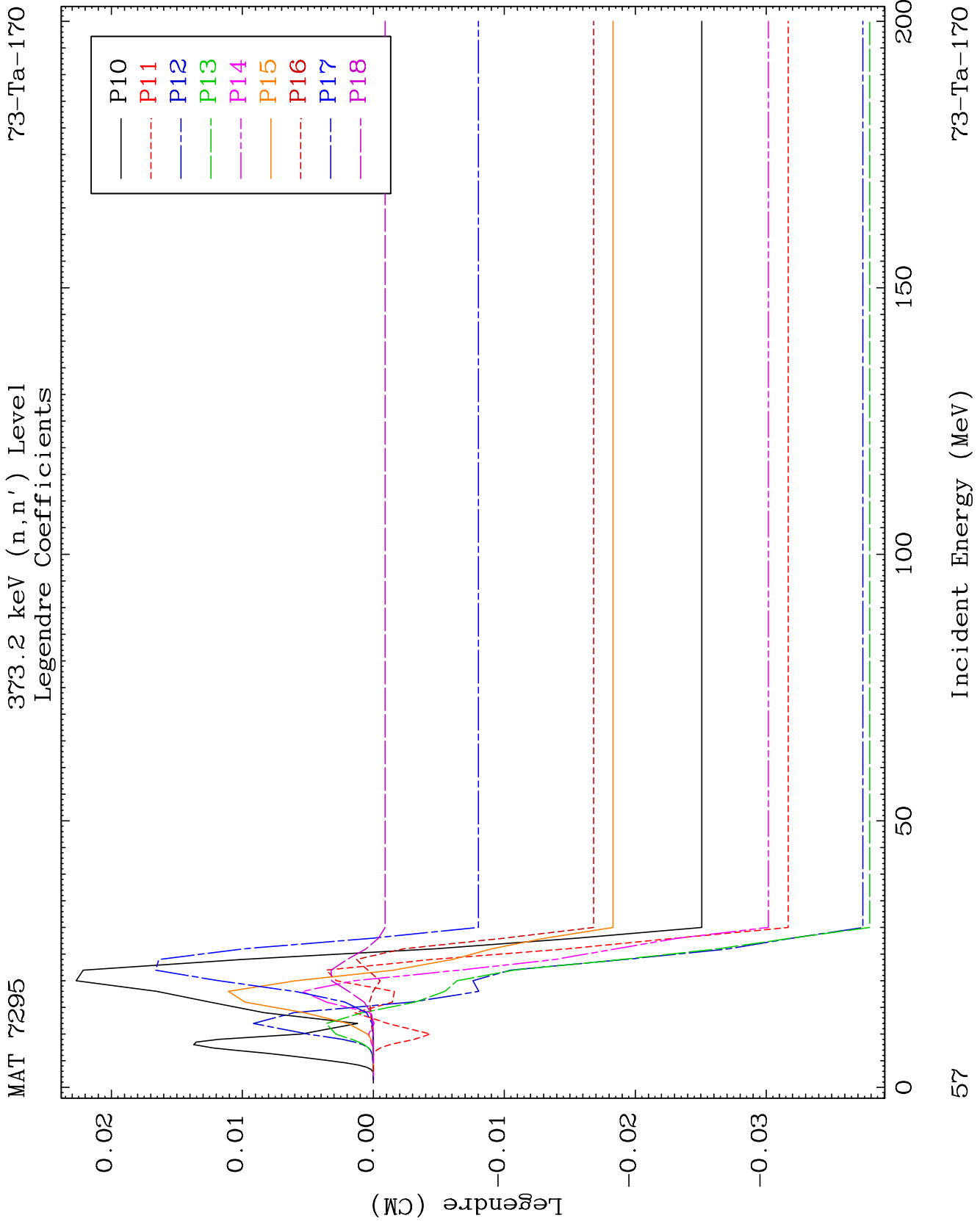
Incident Energy (MeV)

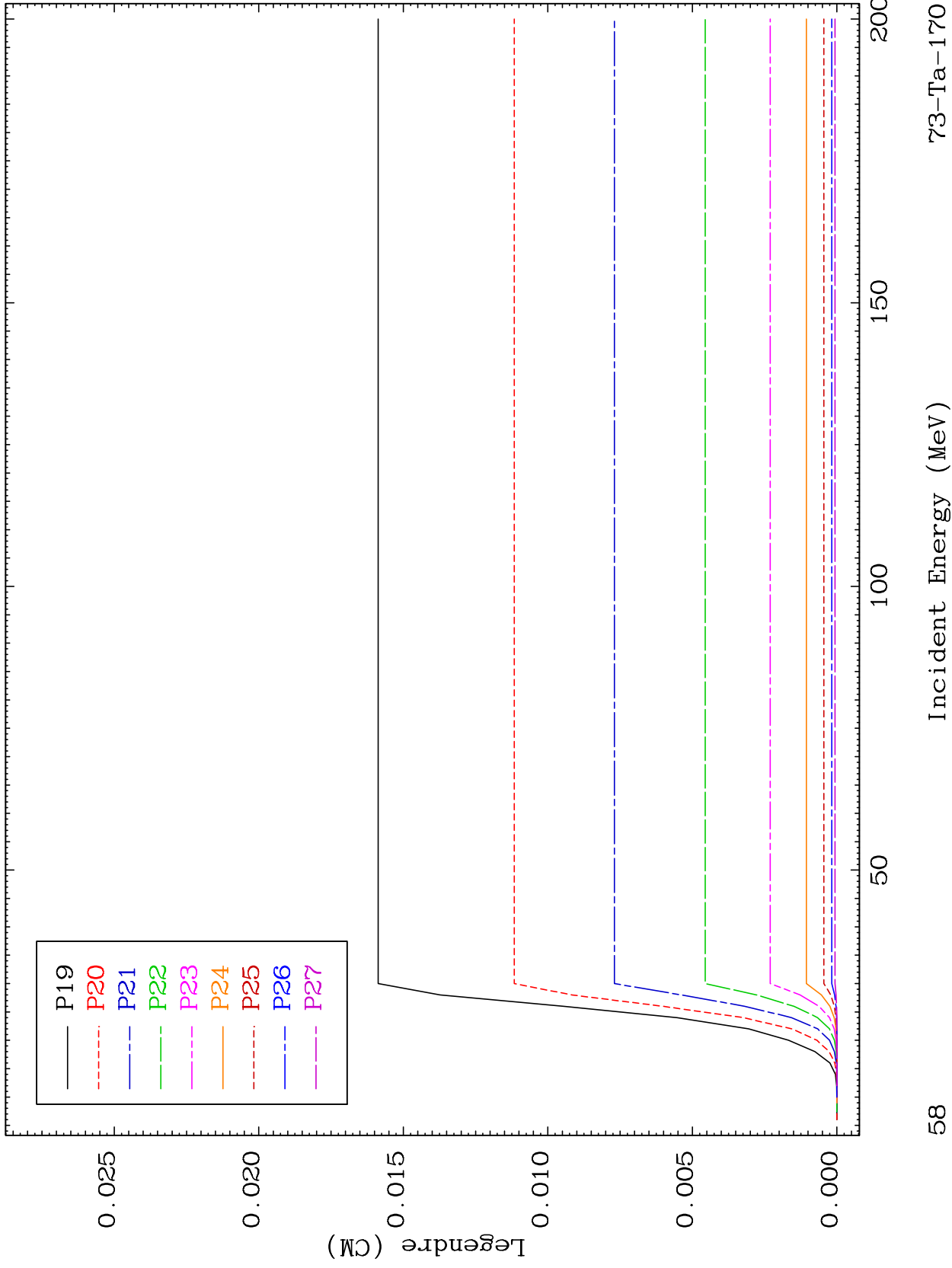
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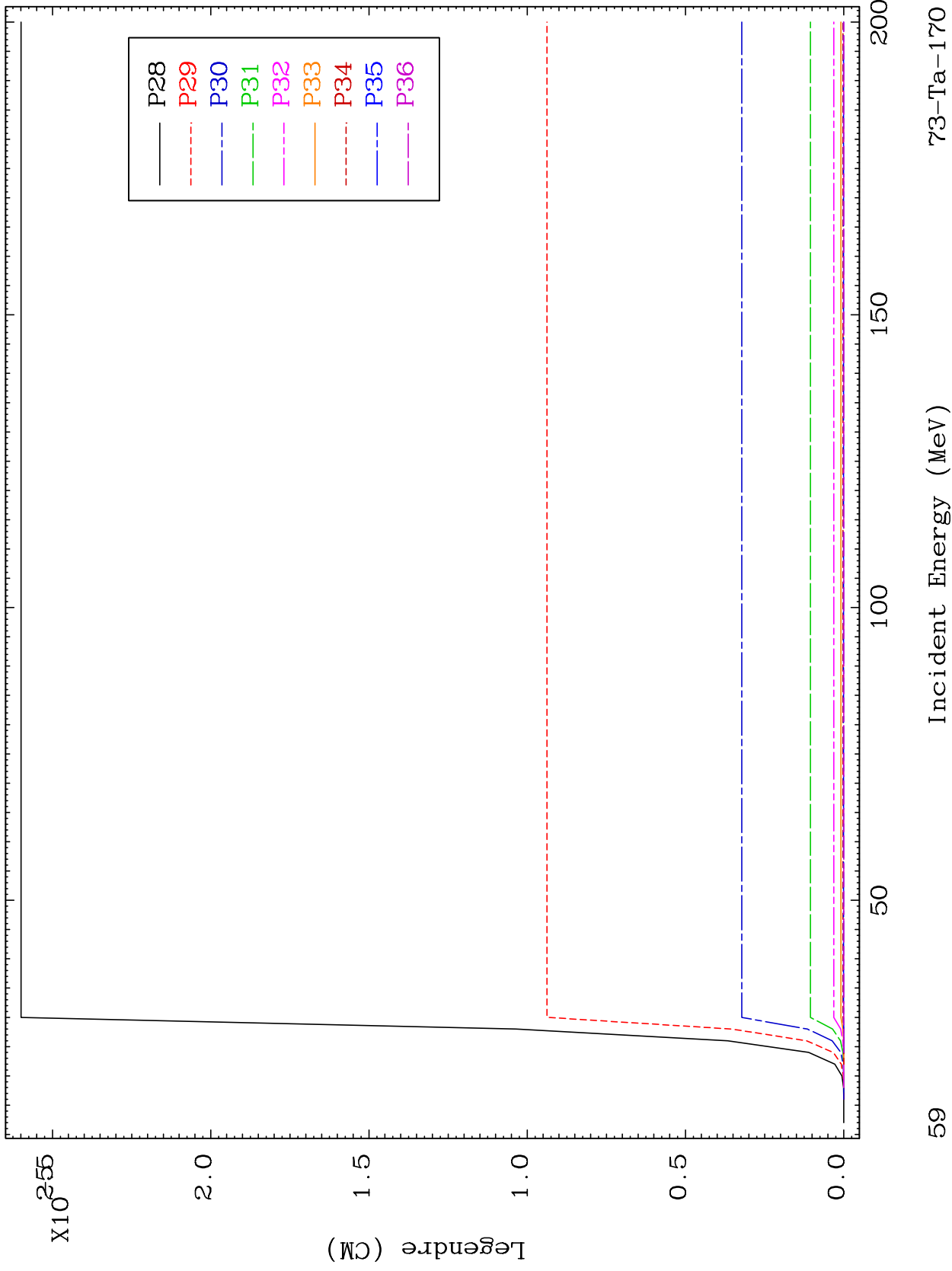




MAT 7295

373.2 keV (n,n') Level
Legendre Coefficients

73-Ta-170

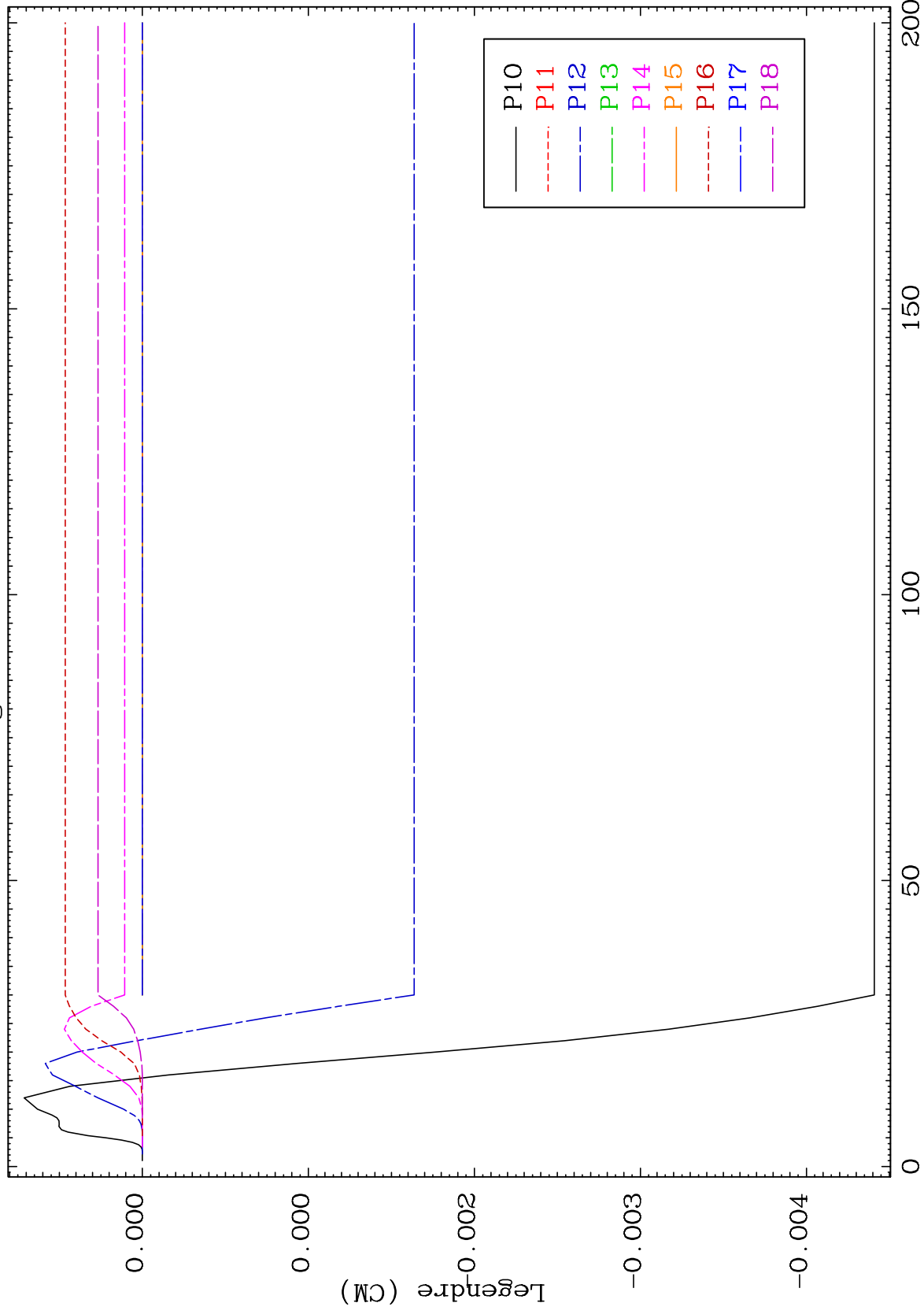


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MAT 7295

376.4 keV (n,n') Level
Legendre Coefficients

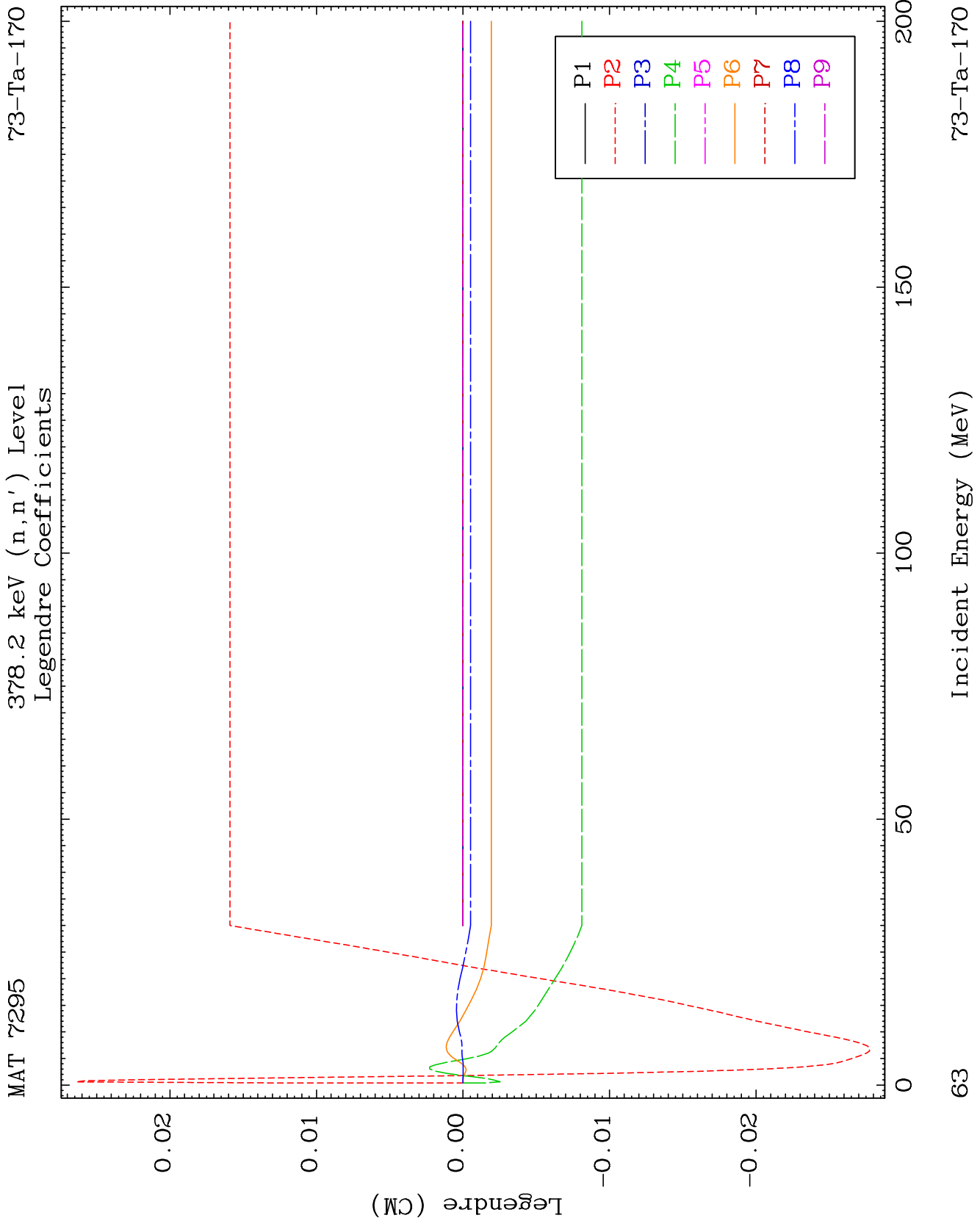
73-Ta-170

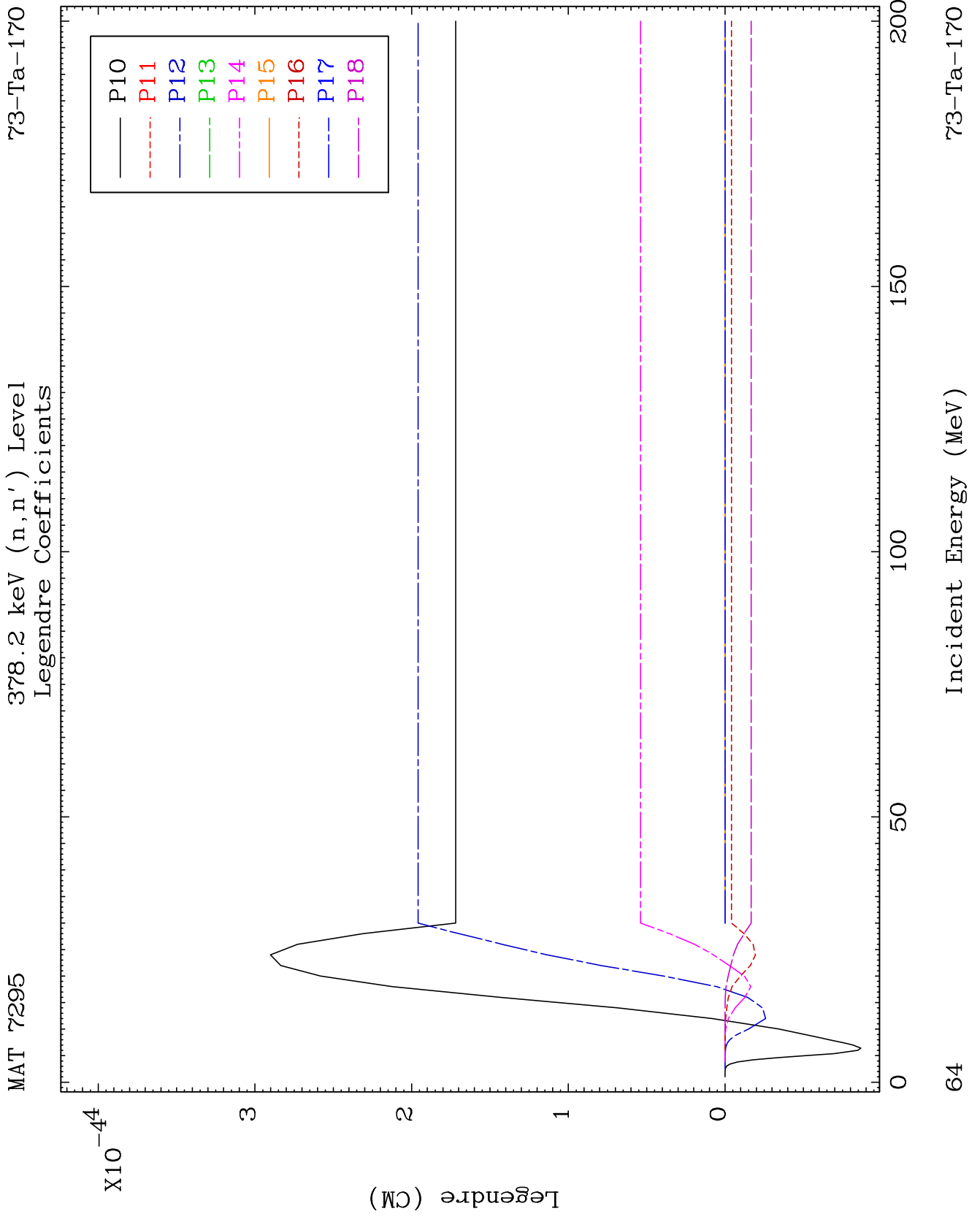


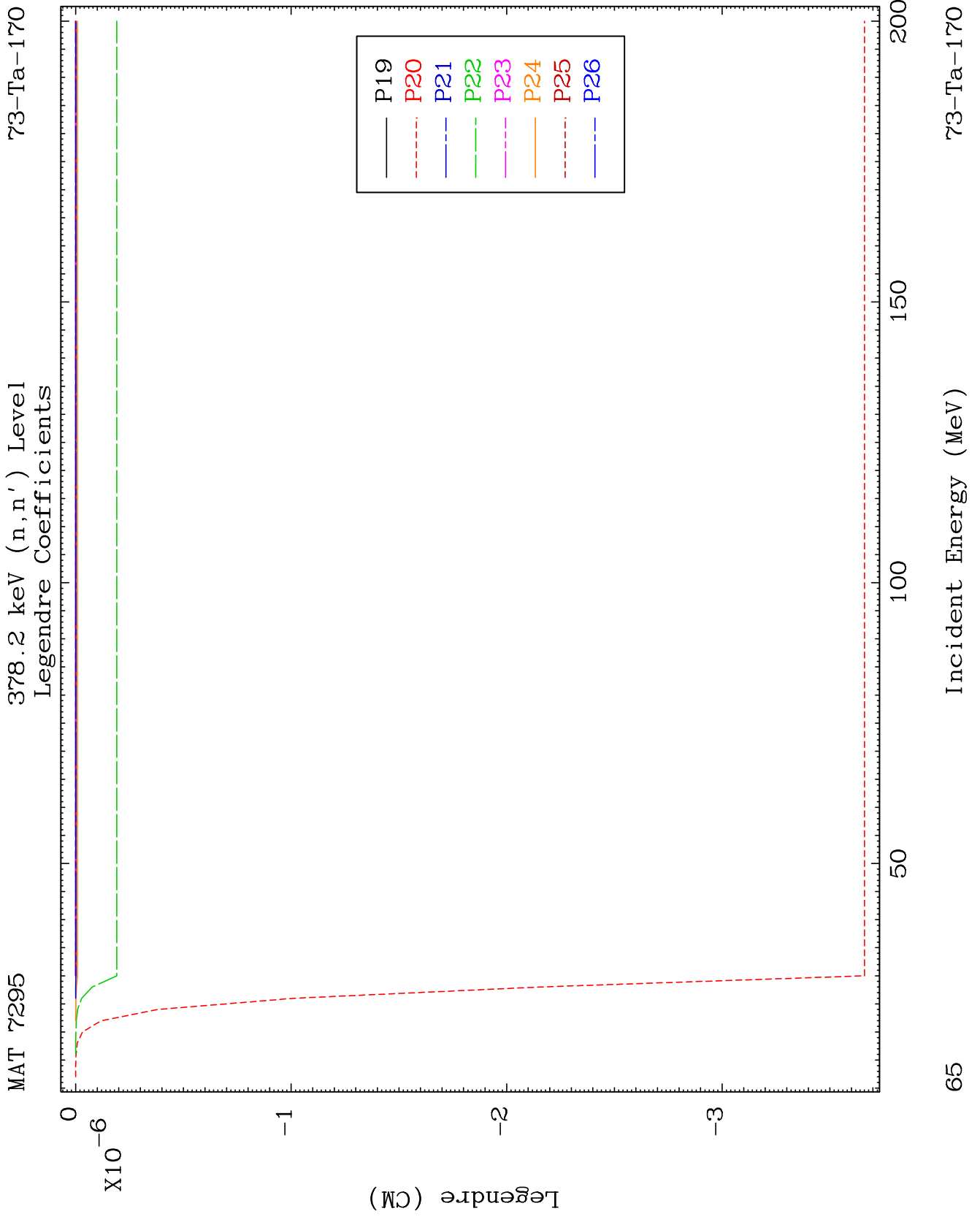
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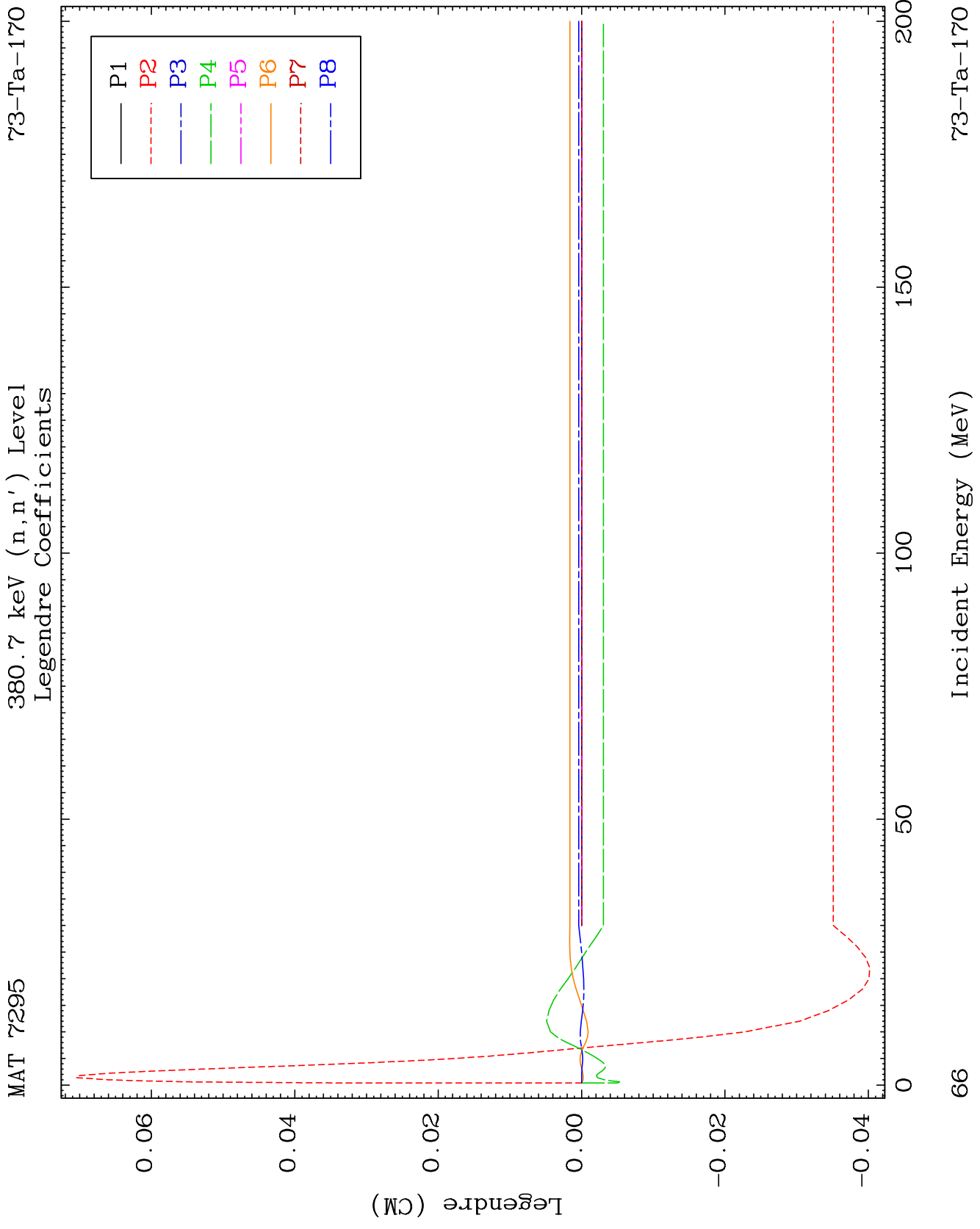
Incident Energy (MeV)

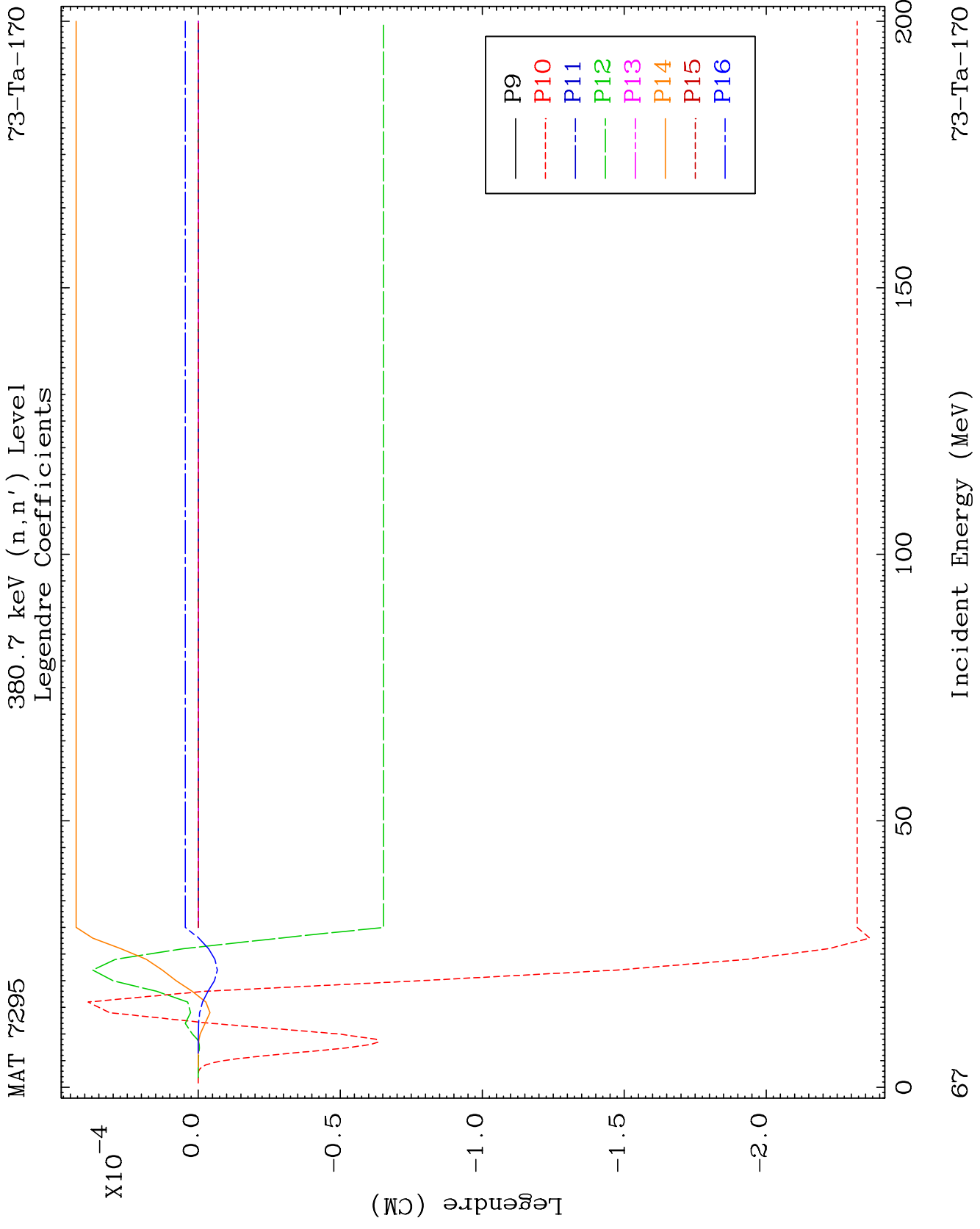
73-Ta-170

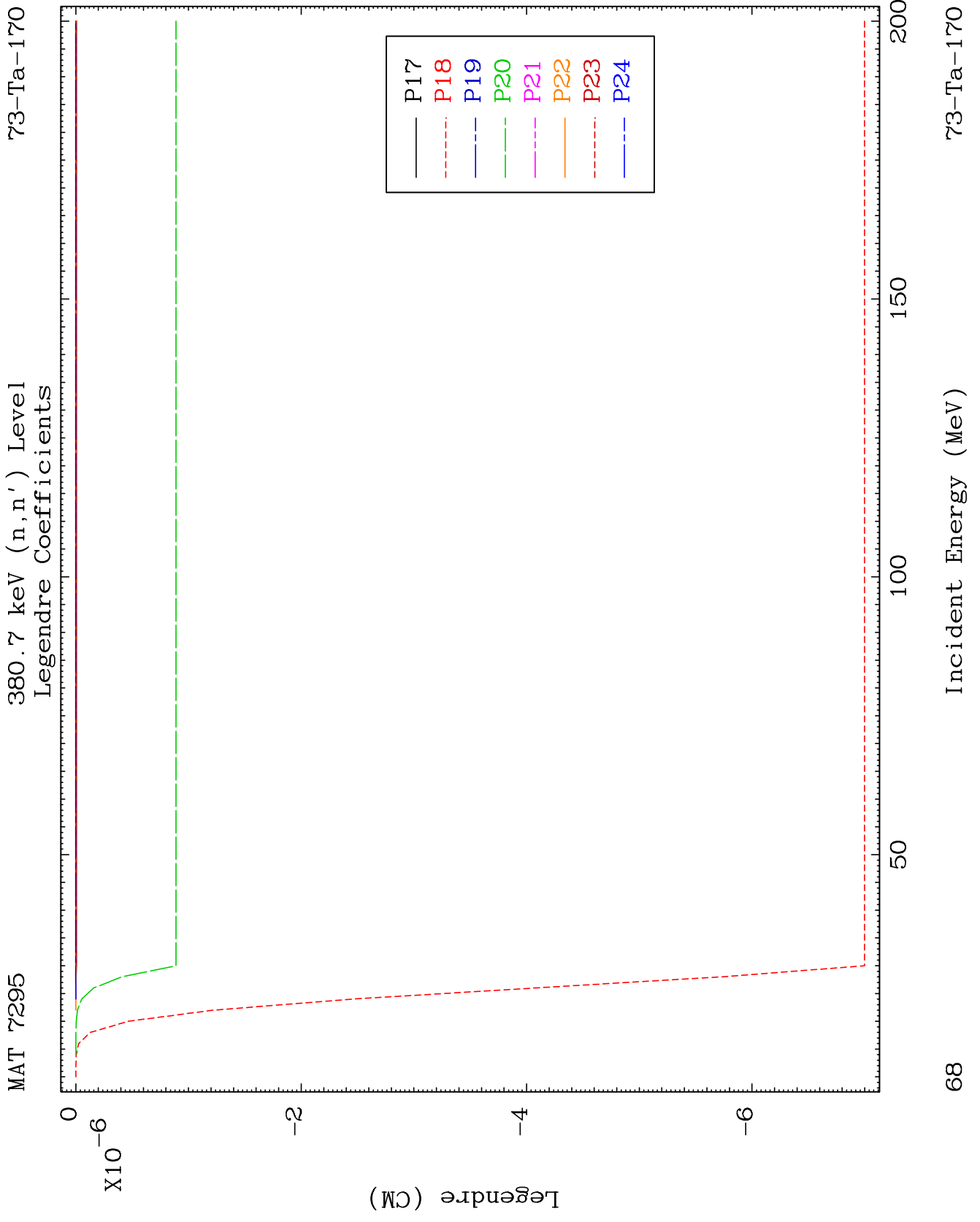


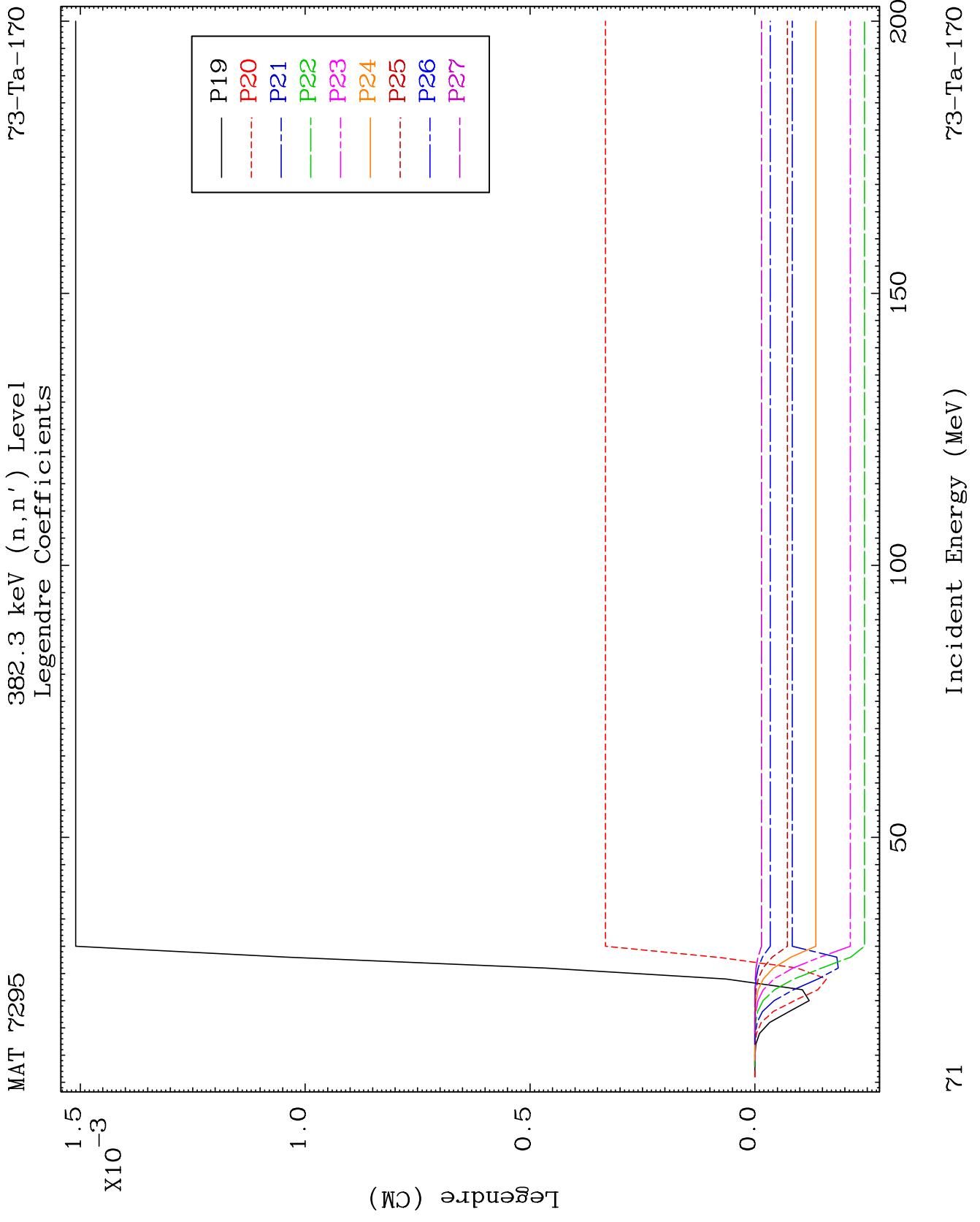


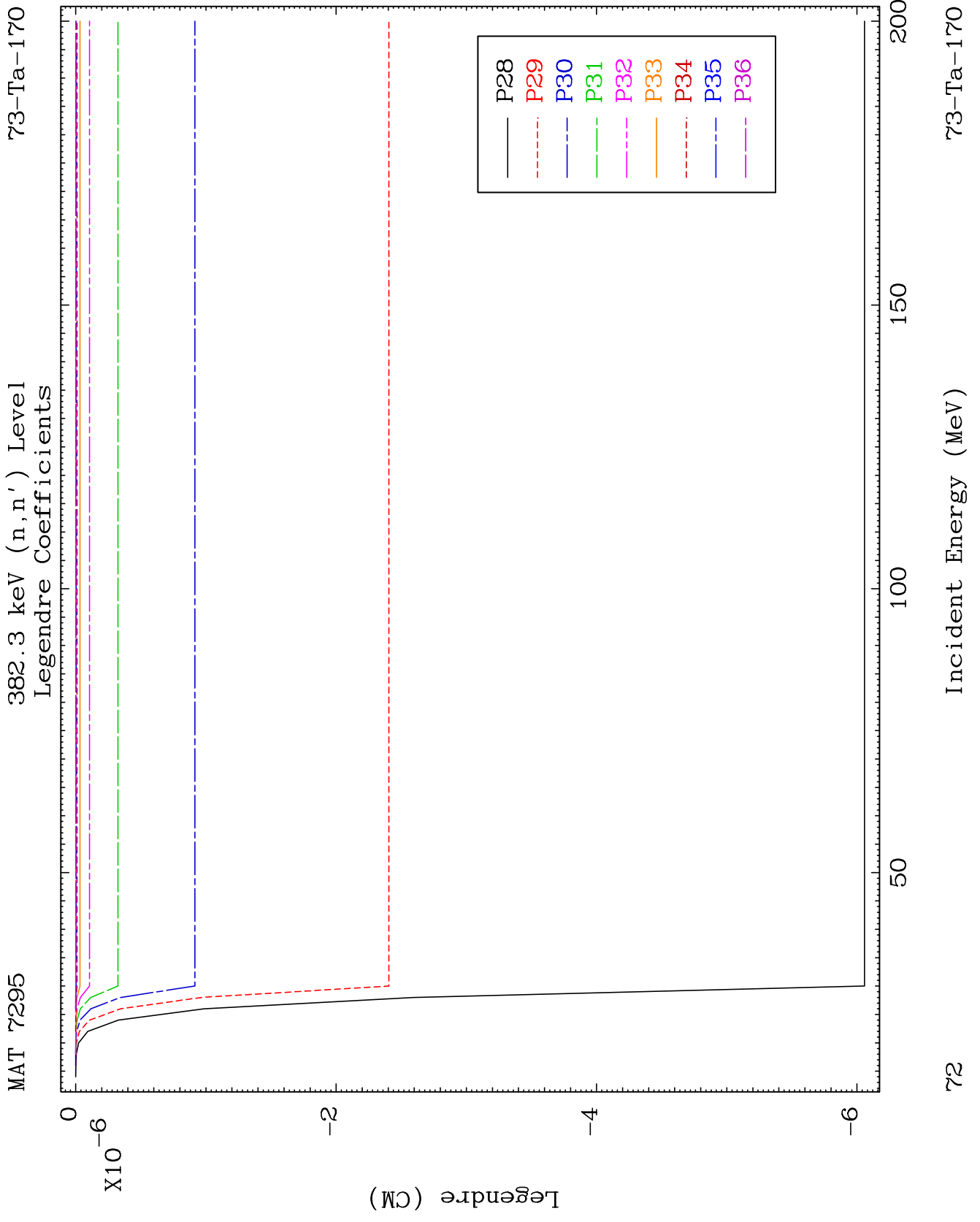


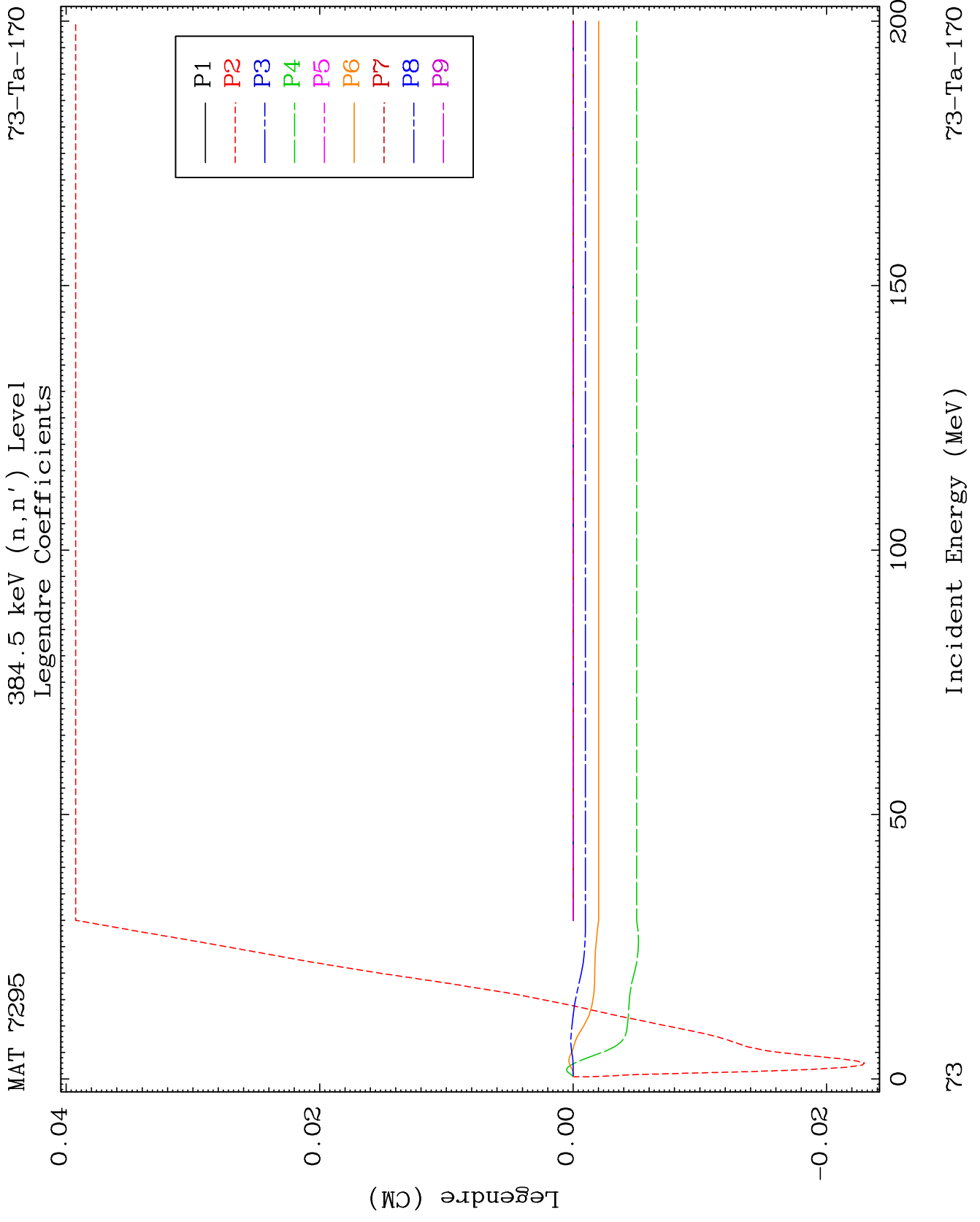








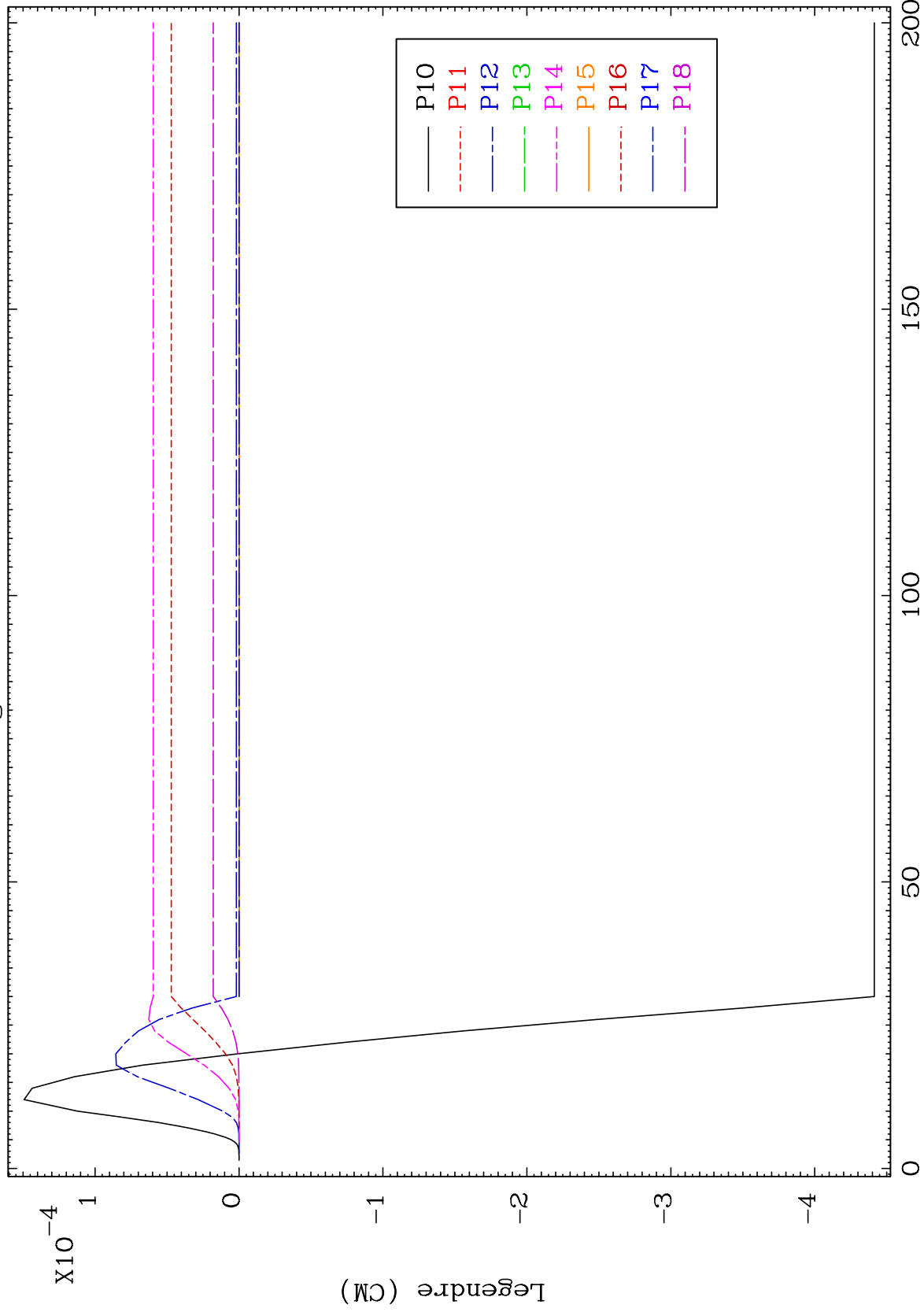




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384.5 keV (n,n') Level
Legendre Coefficients

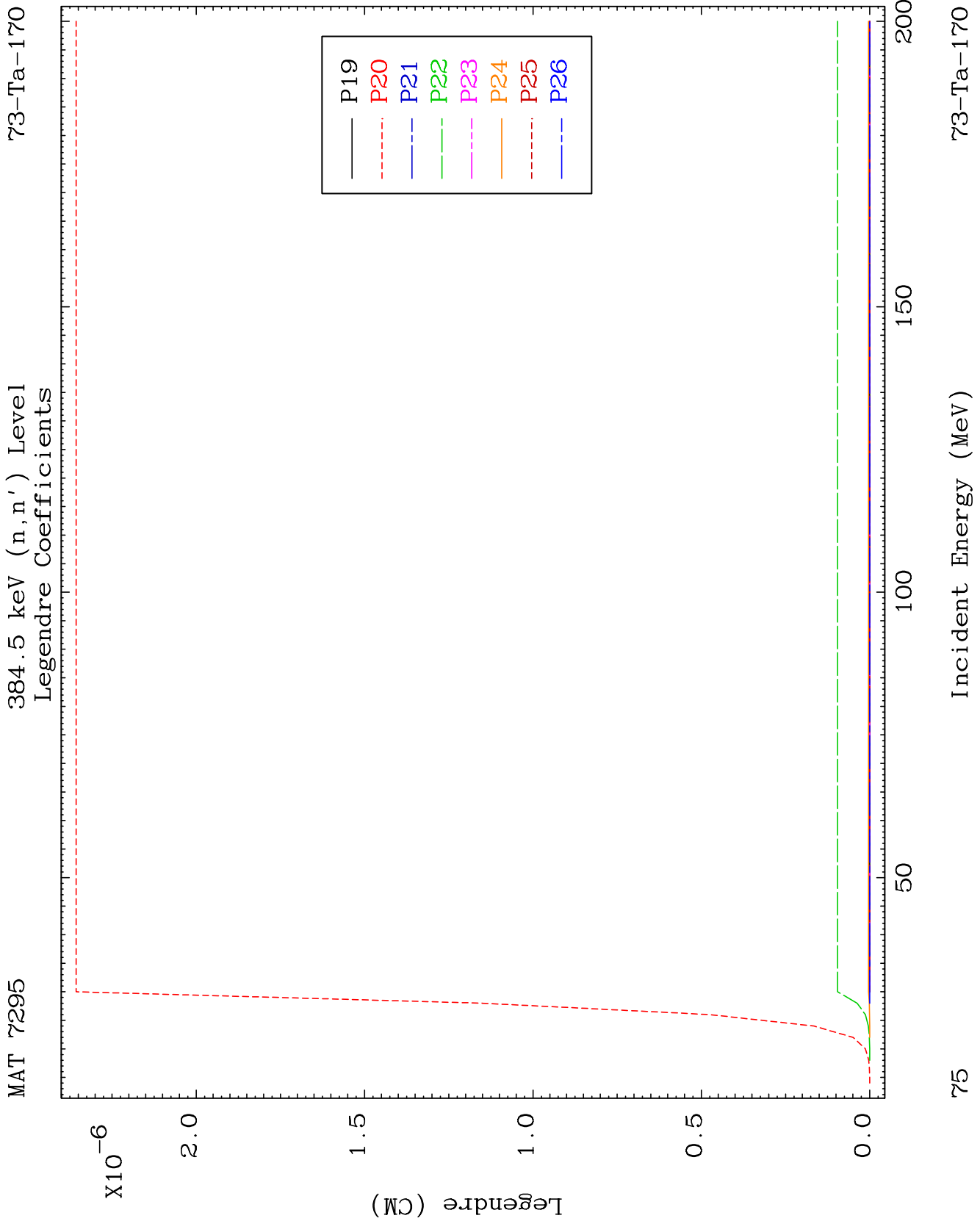
73-Ta-170

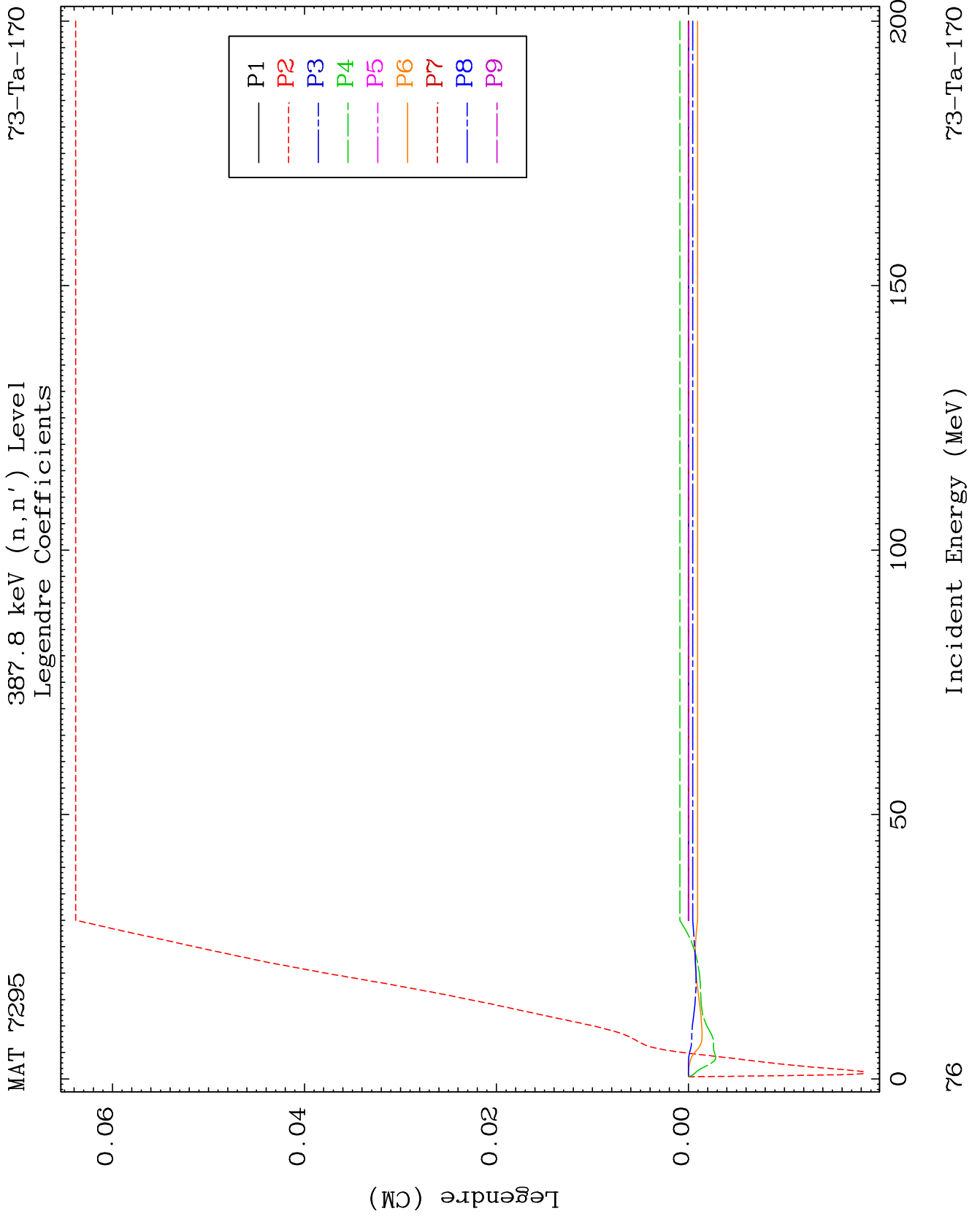


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Incident Energy (MeV)

73-Ta-170

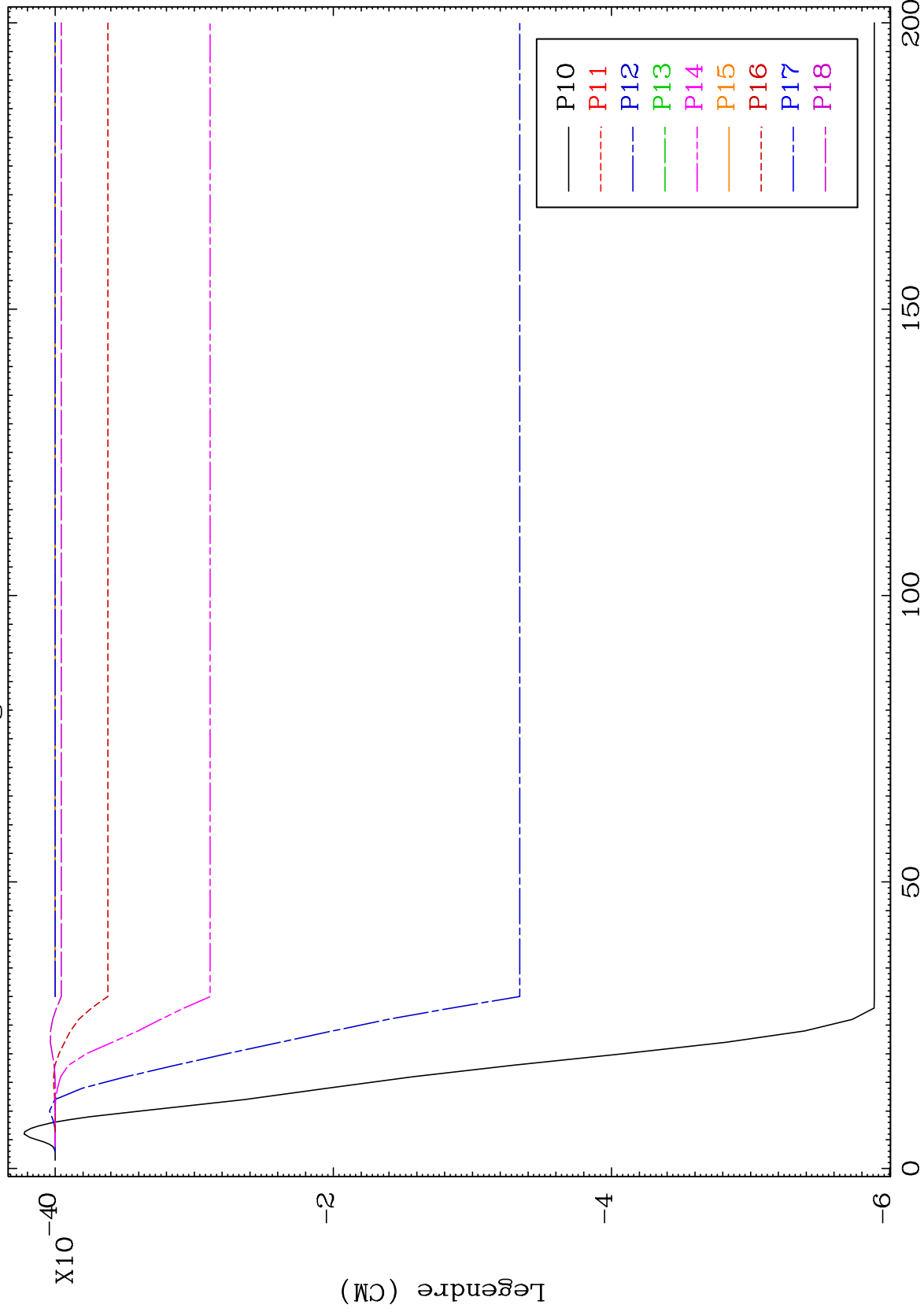




MAT 7295

387.8 keV (n,n') Level
Legendre Coefficients

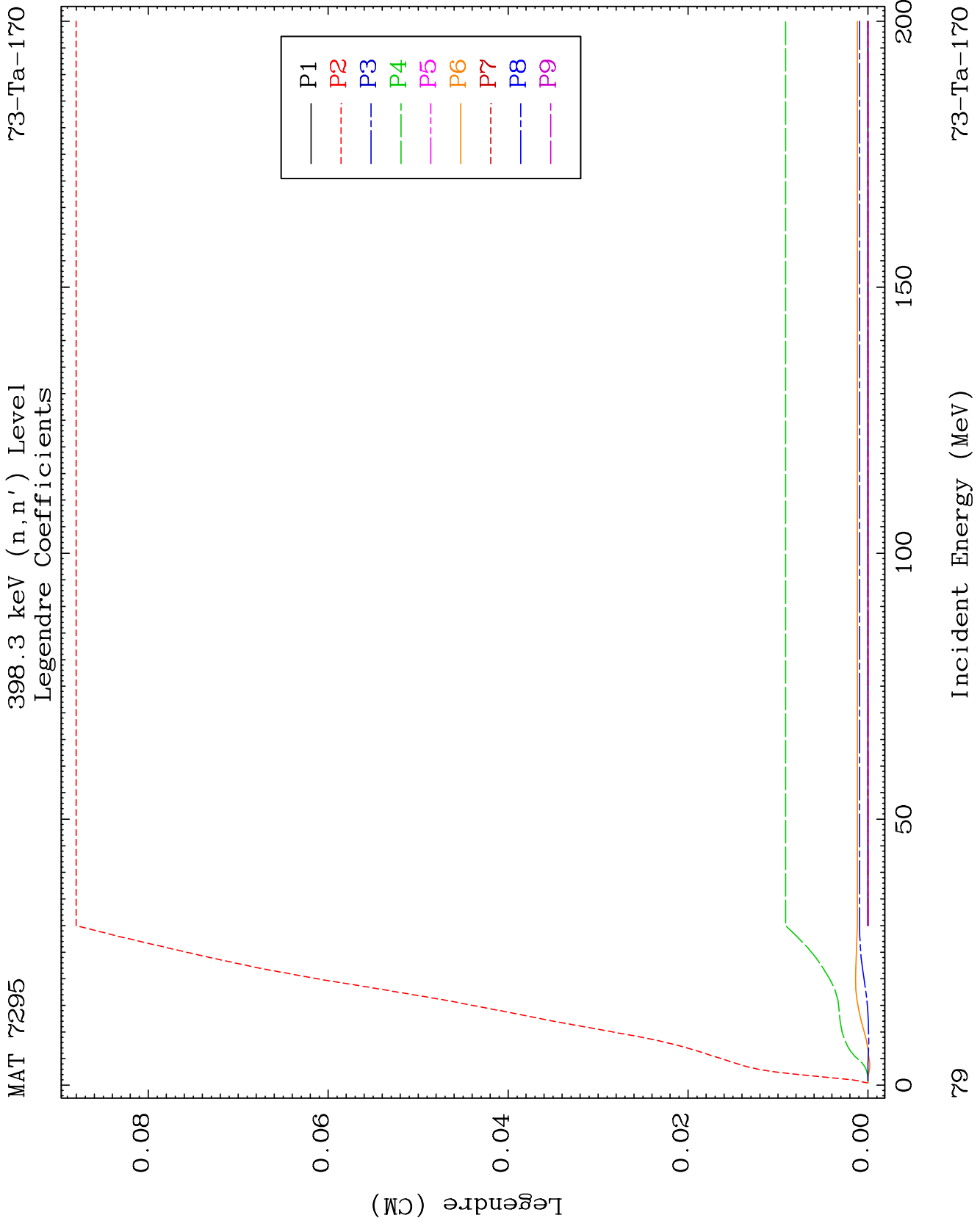
73-Ta-170



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Incident Energy (MeV)

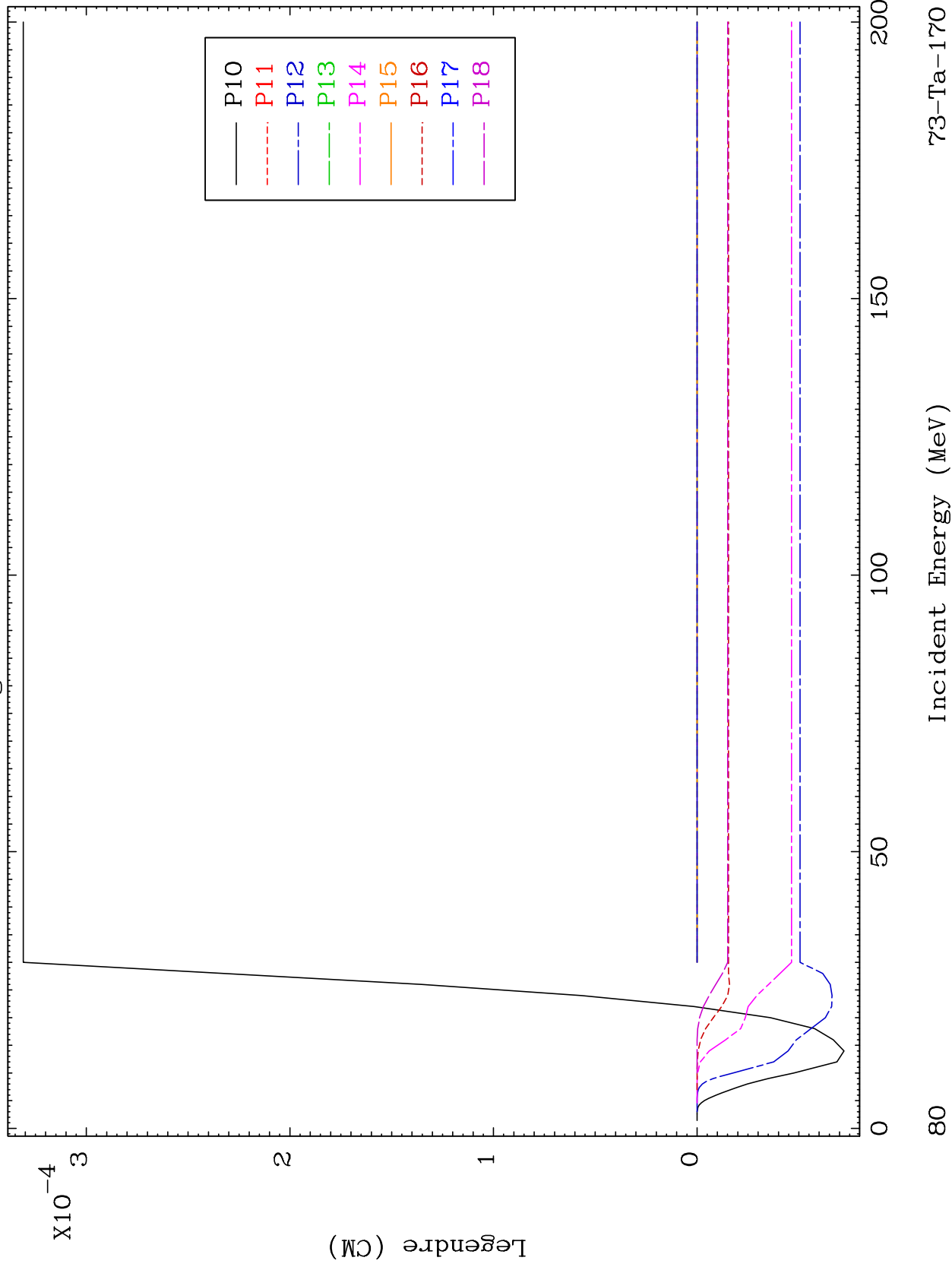
73-Ta-170

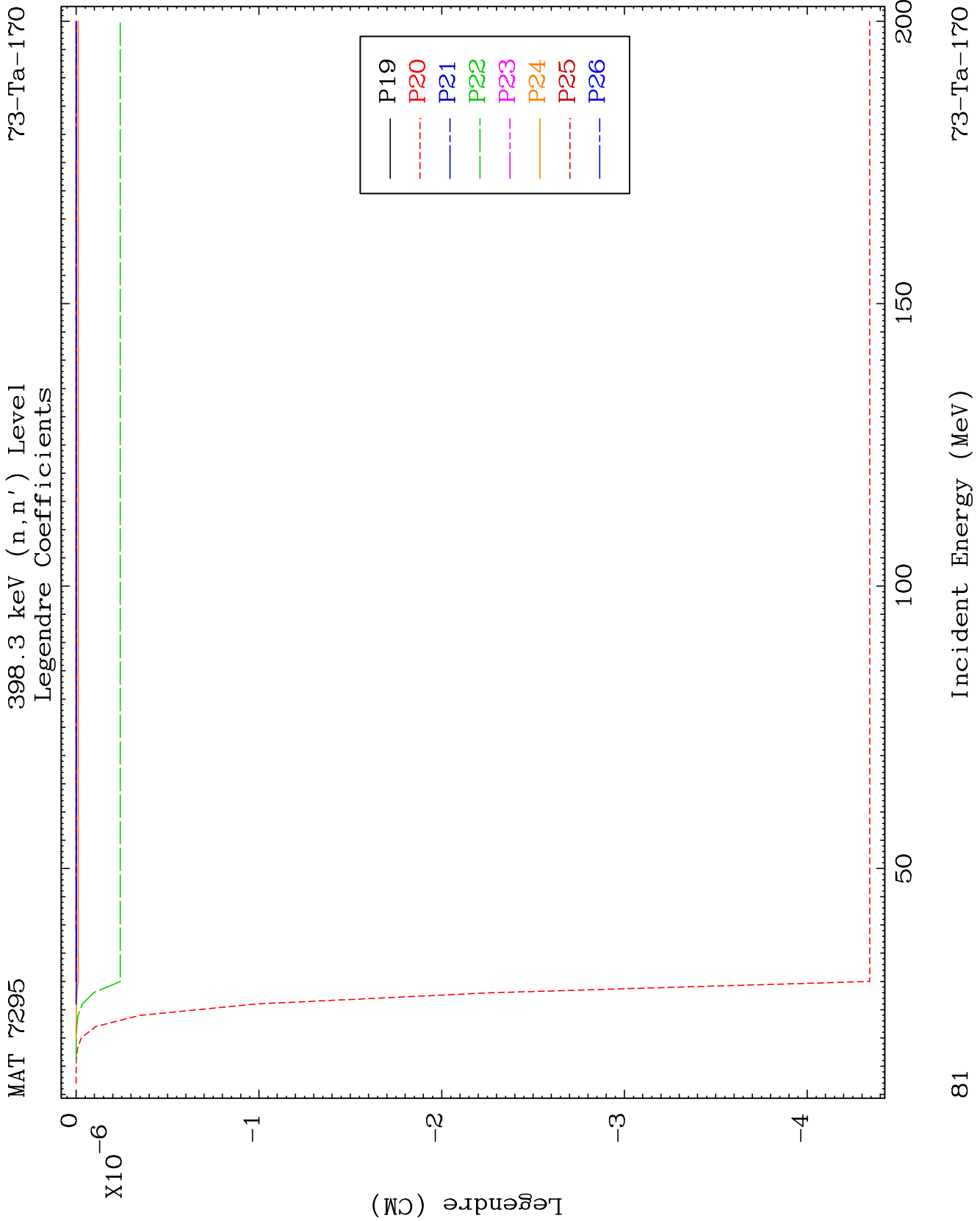


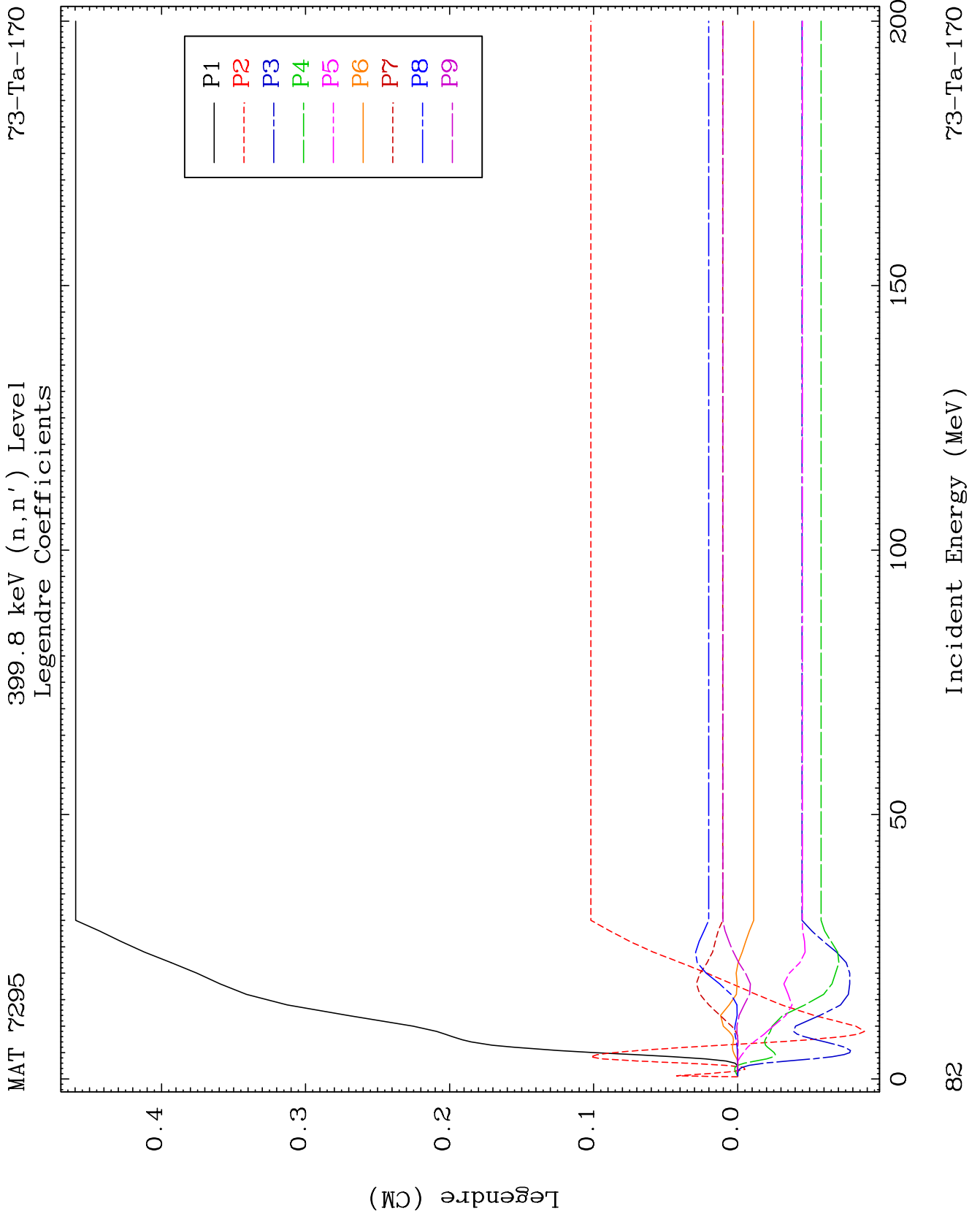
MAT 7295

398.3 keV (n,n') Level
Legendre Coefficients

73-Ta-170



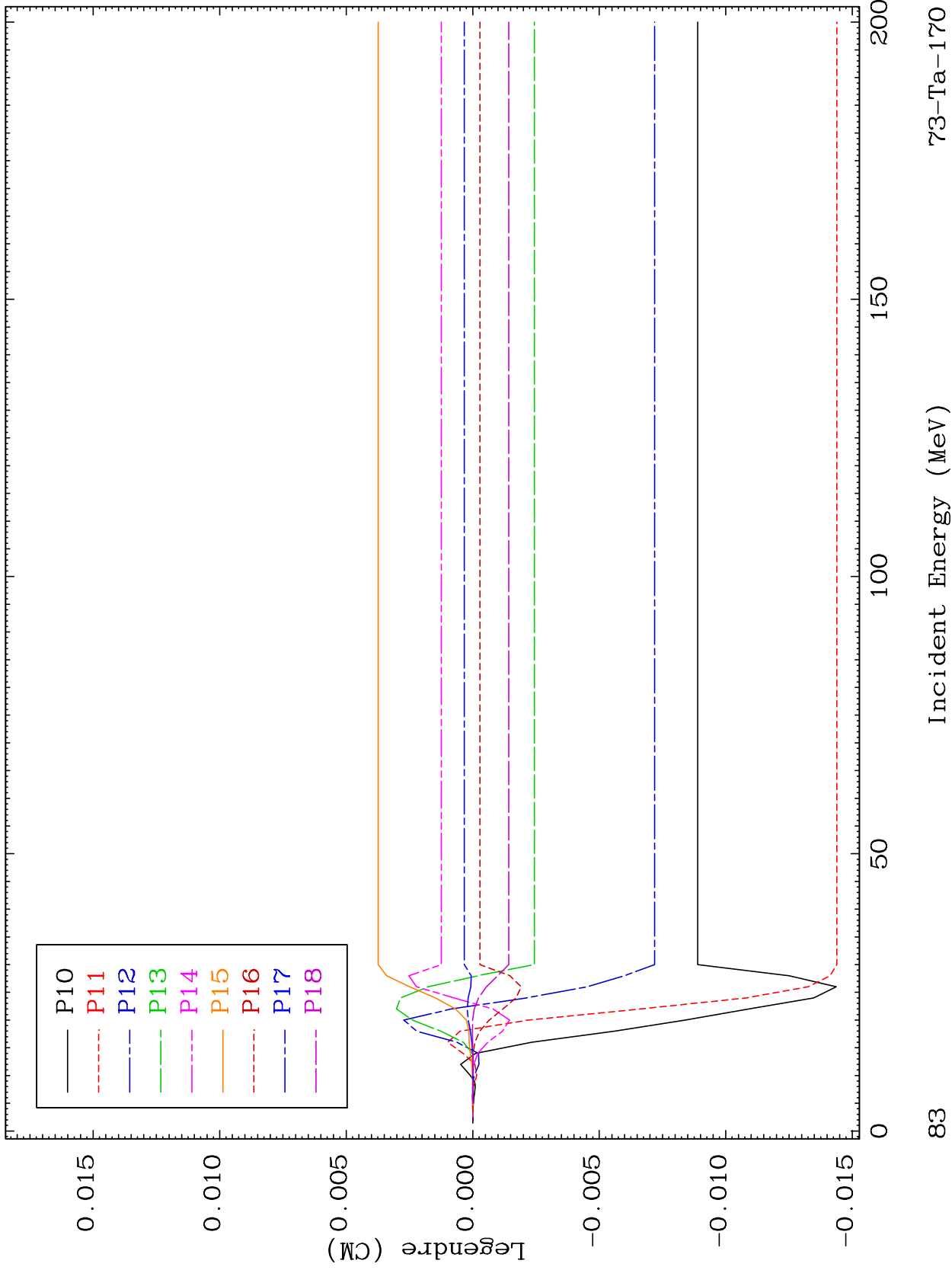




MAT 7295

399.8 keV (n,n') Level
Legendre Coefficients

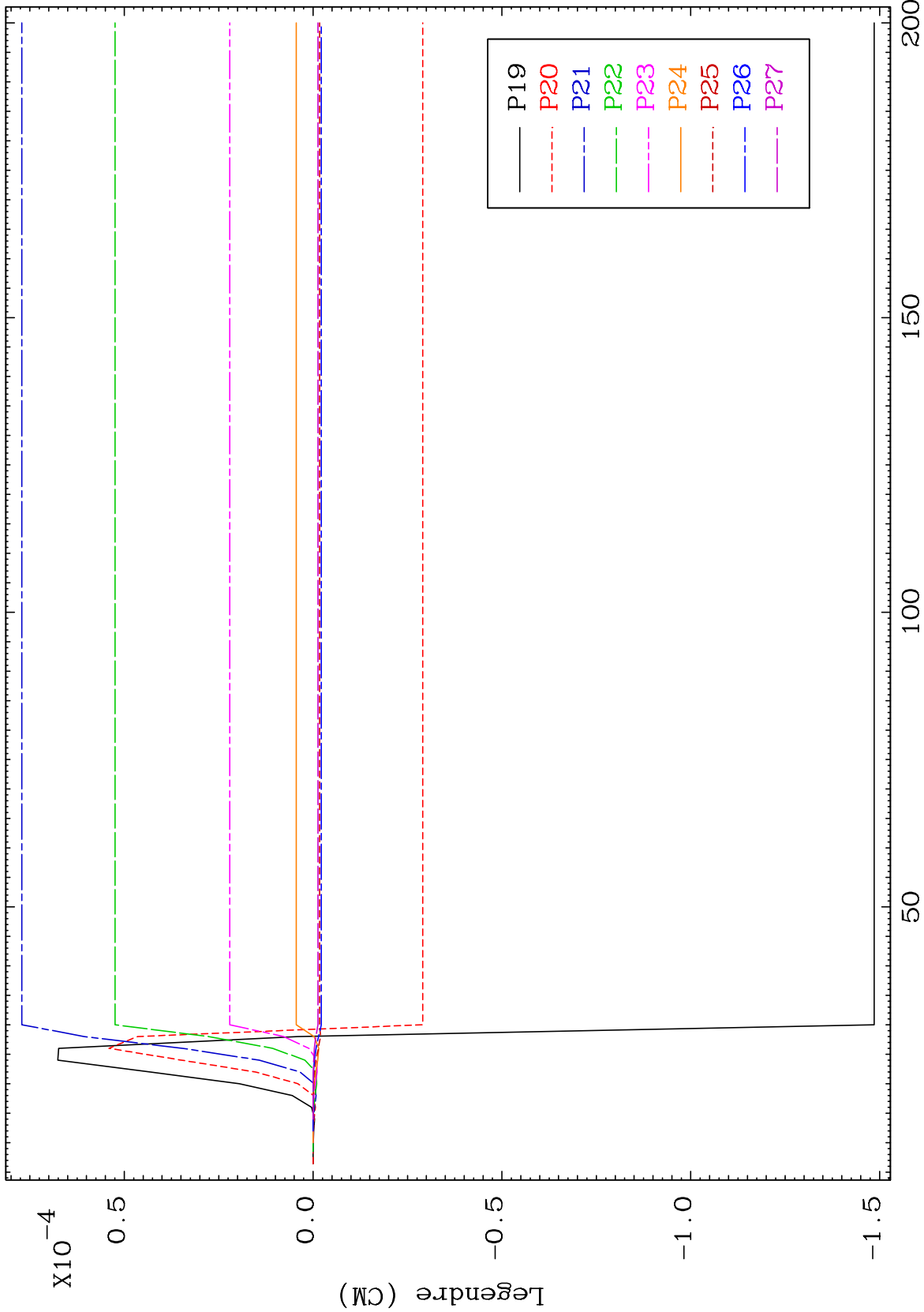
73-Ta-170

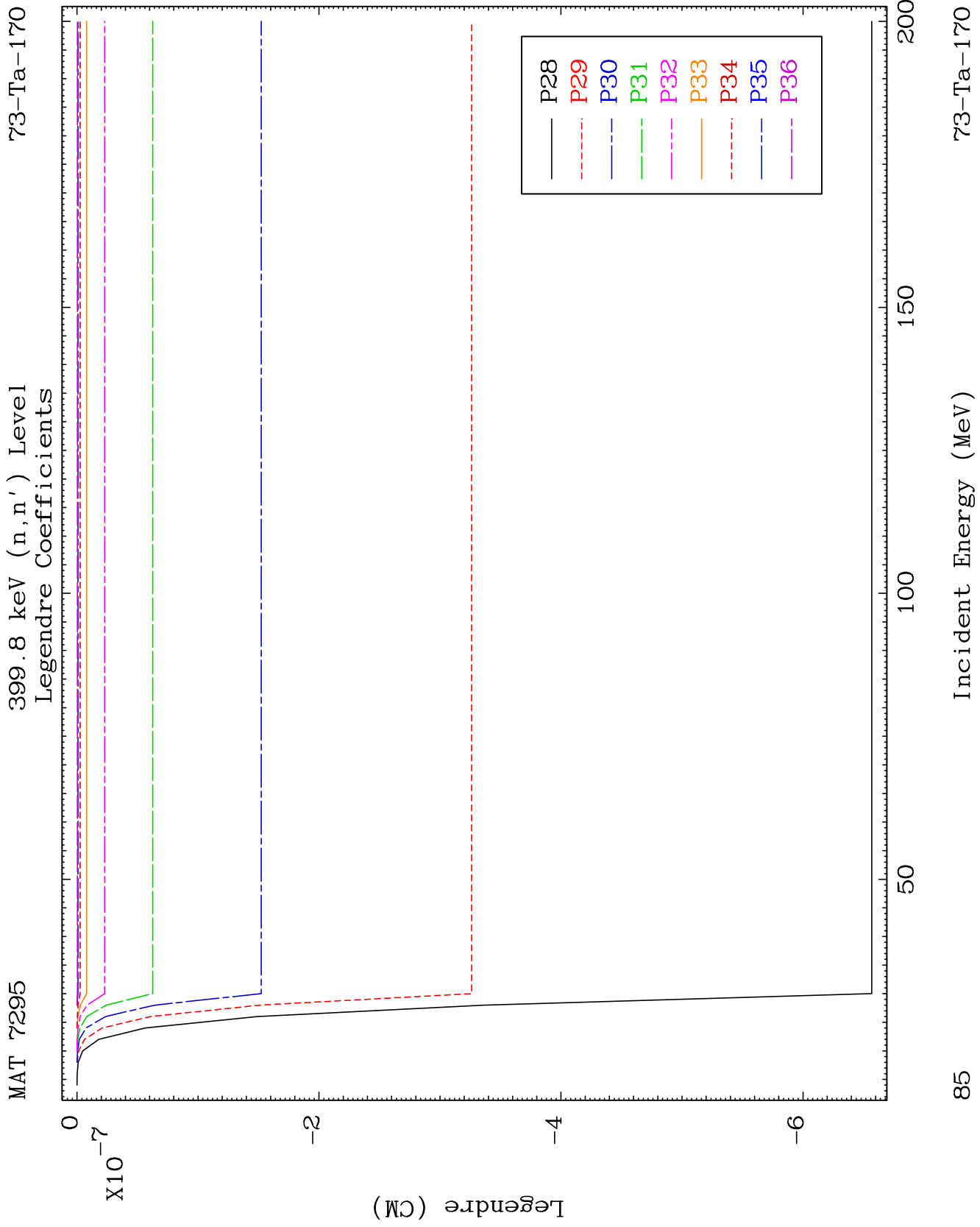


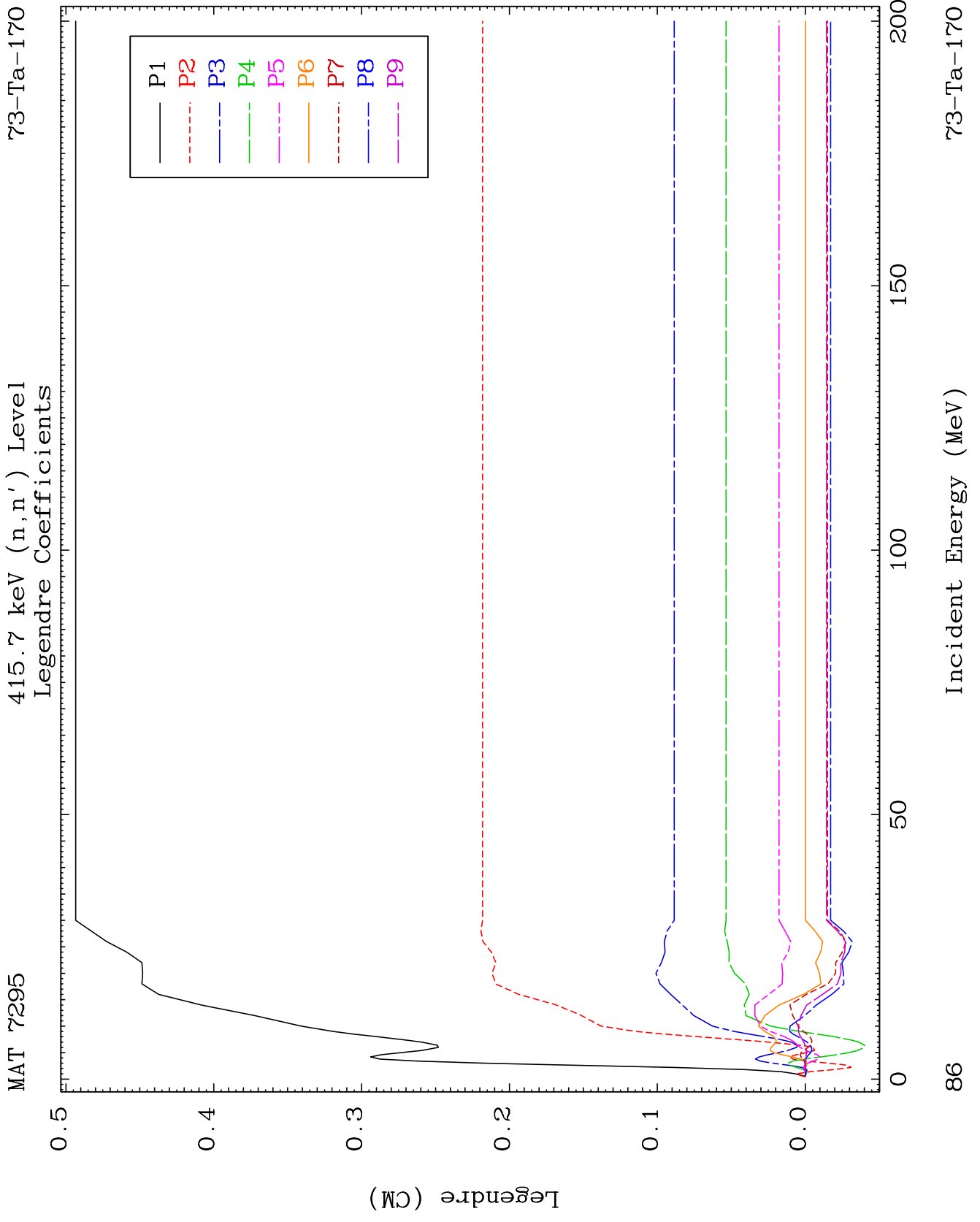
83

Incident Energy (MeV)

73-Ta-170



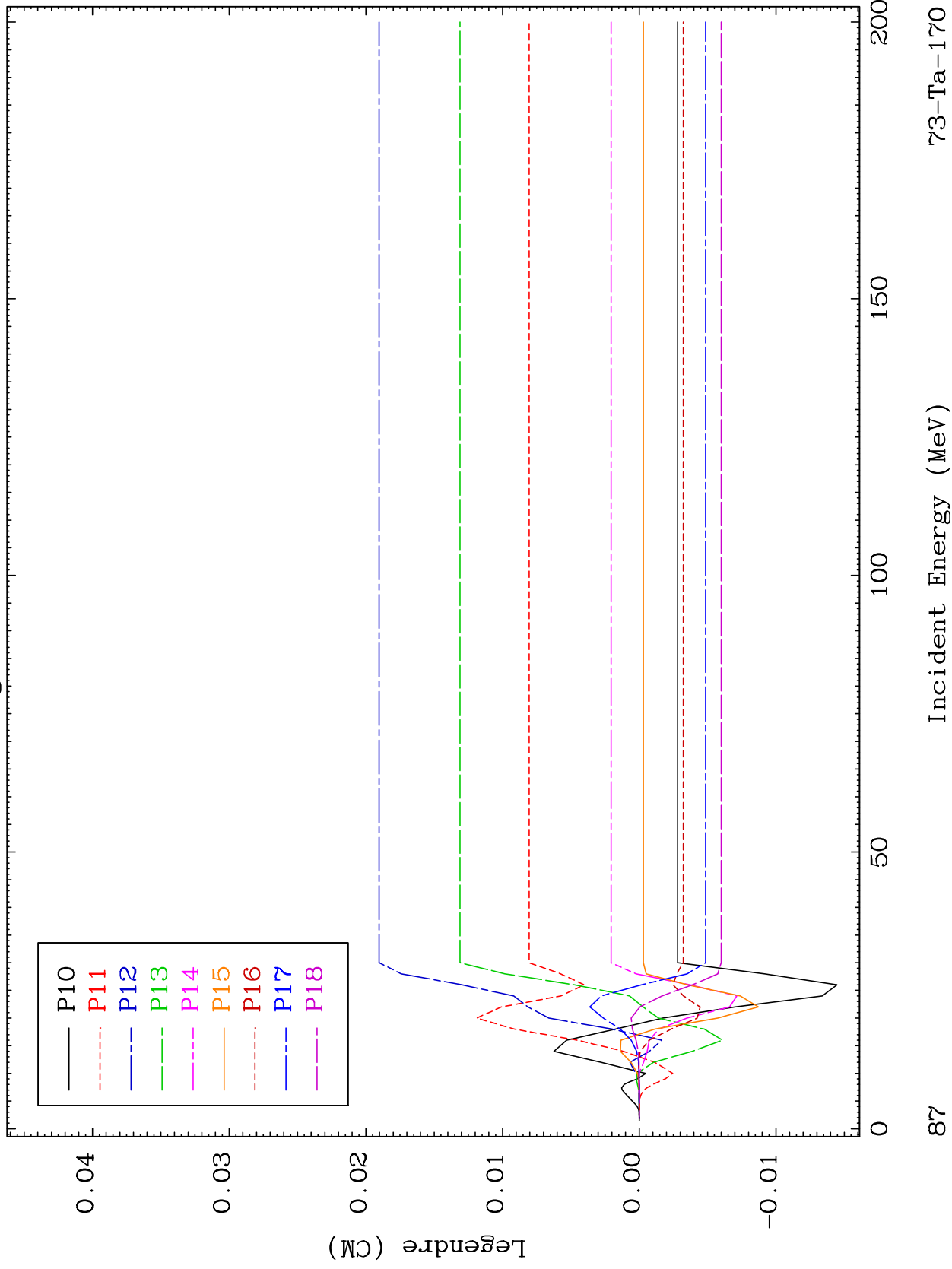




MAT 7295

415.7 keV (n, n') Level
Legendre Coefficients

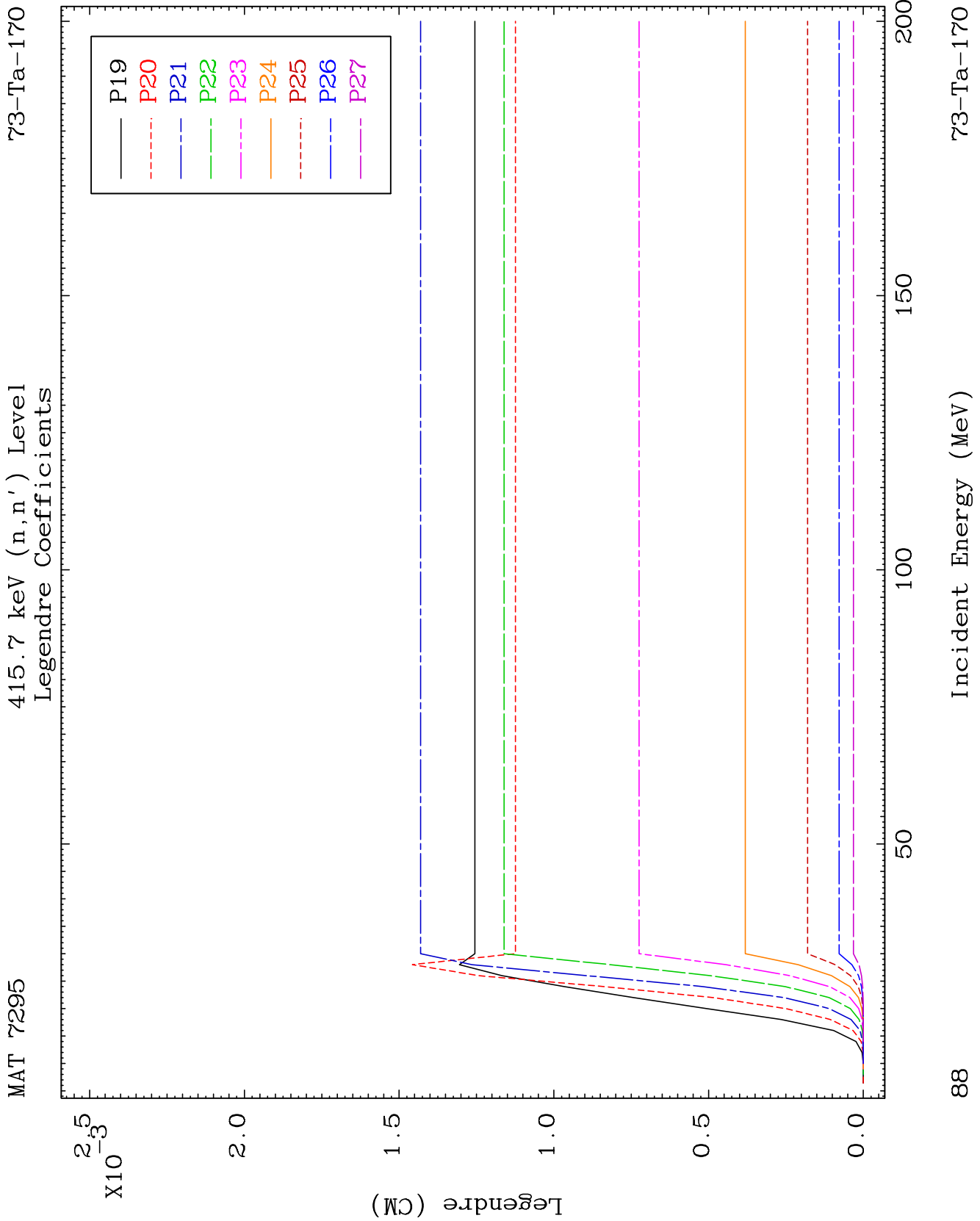
73-Ta-170



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Incident Energy (MeV)

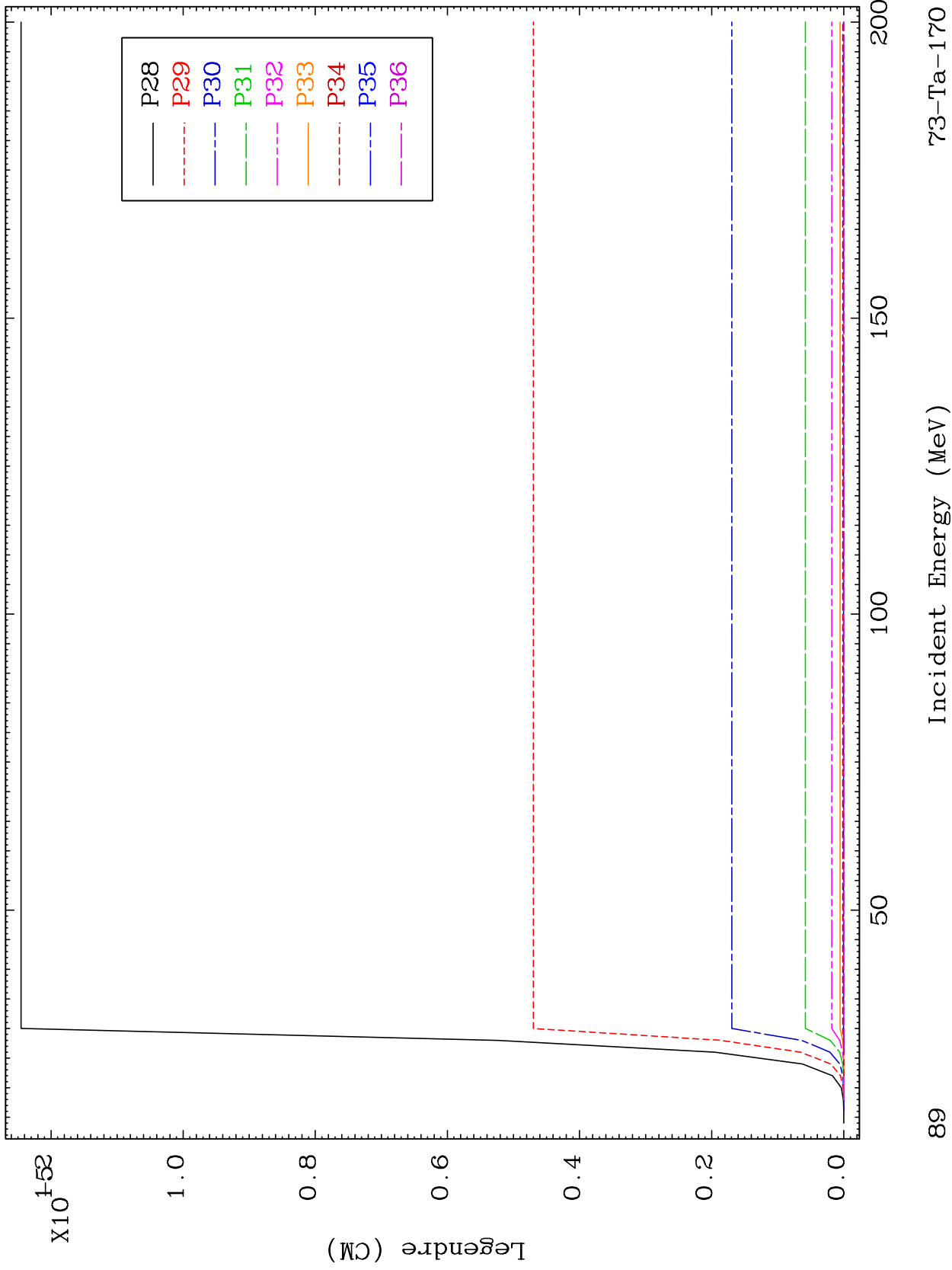
73-Ta-170

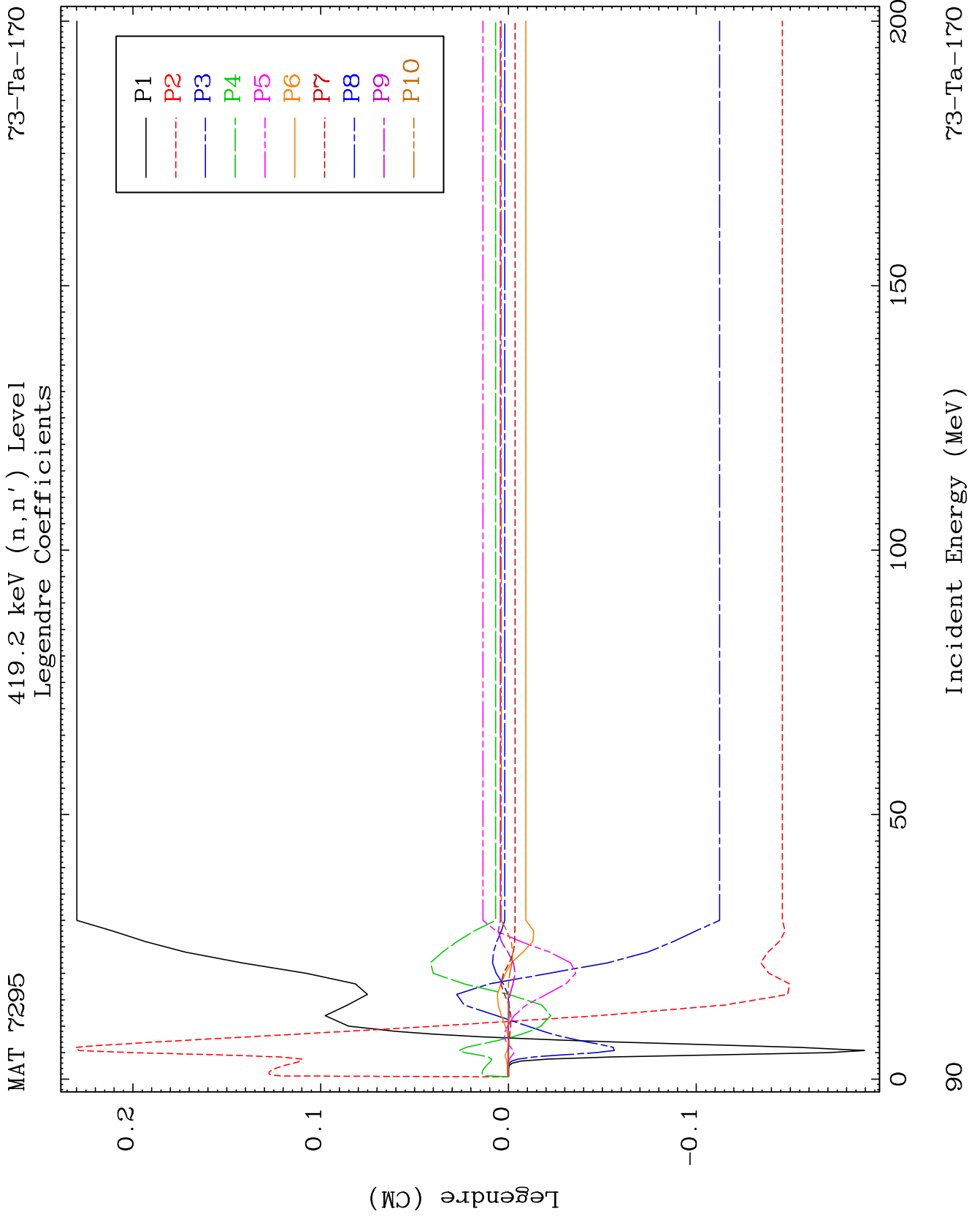


MAT 7295

415.7 keV (n,n') Level
Legendre Coefficients

73-Ta-170

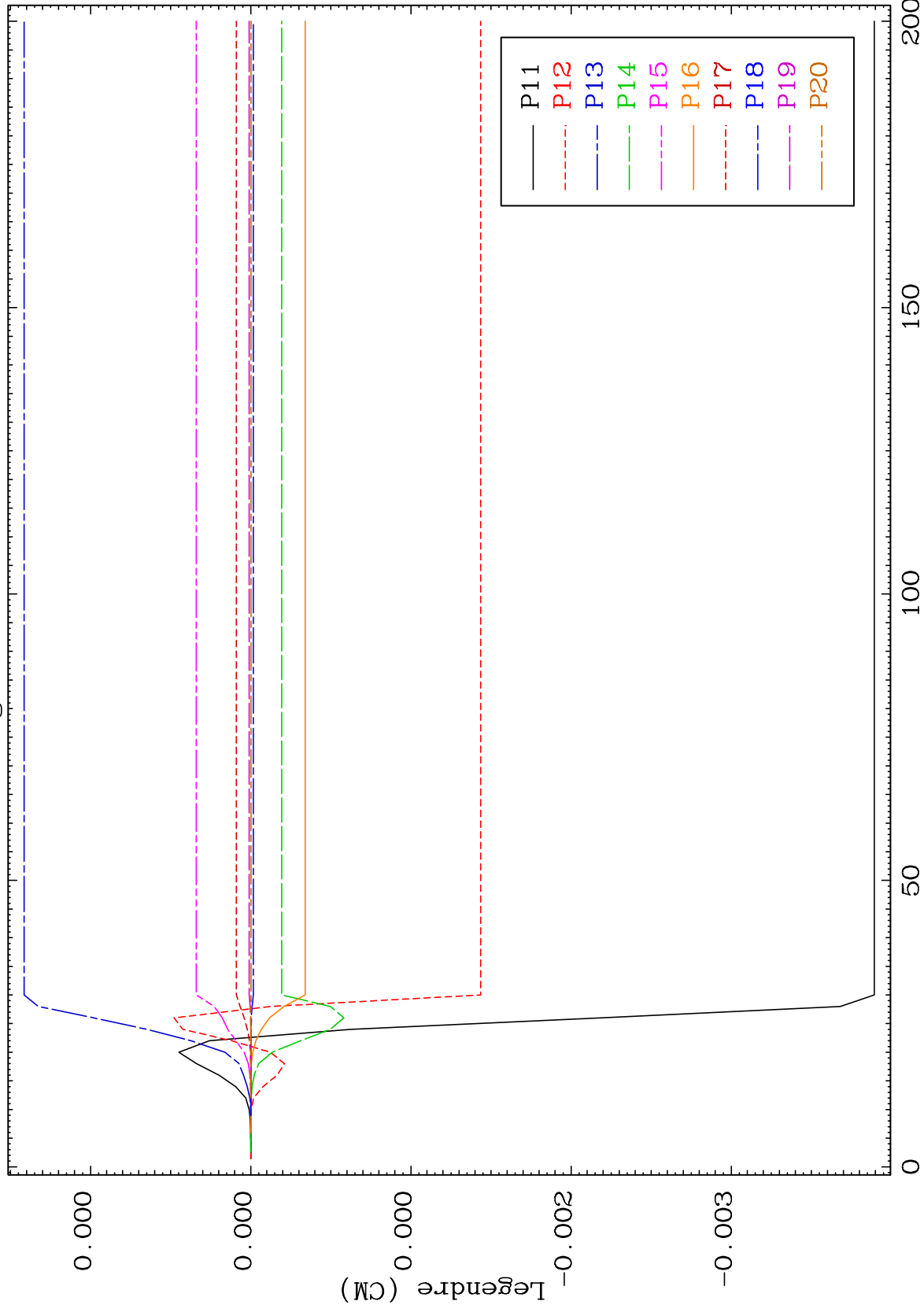




MAT 7295

419.2 keV (n,n') Level
Legendre Coefficients

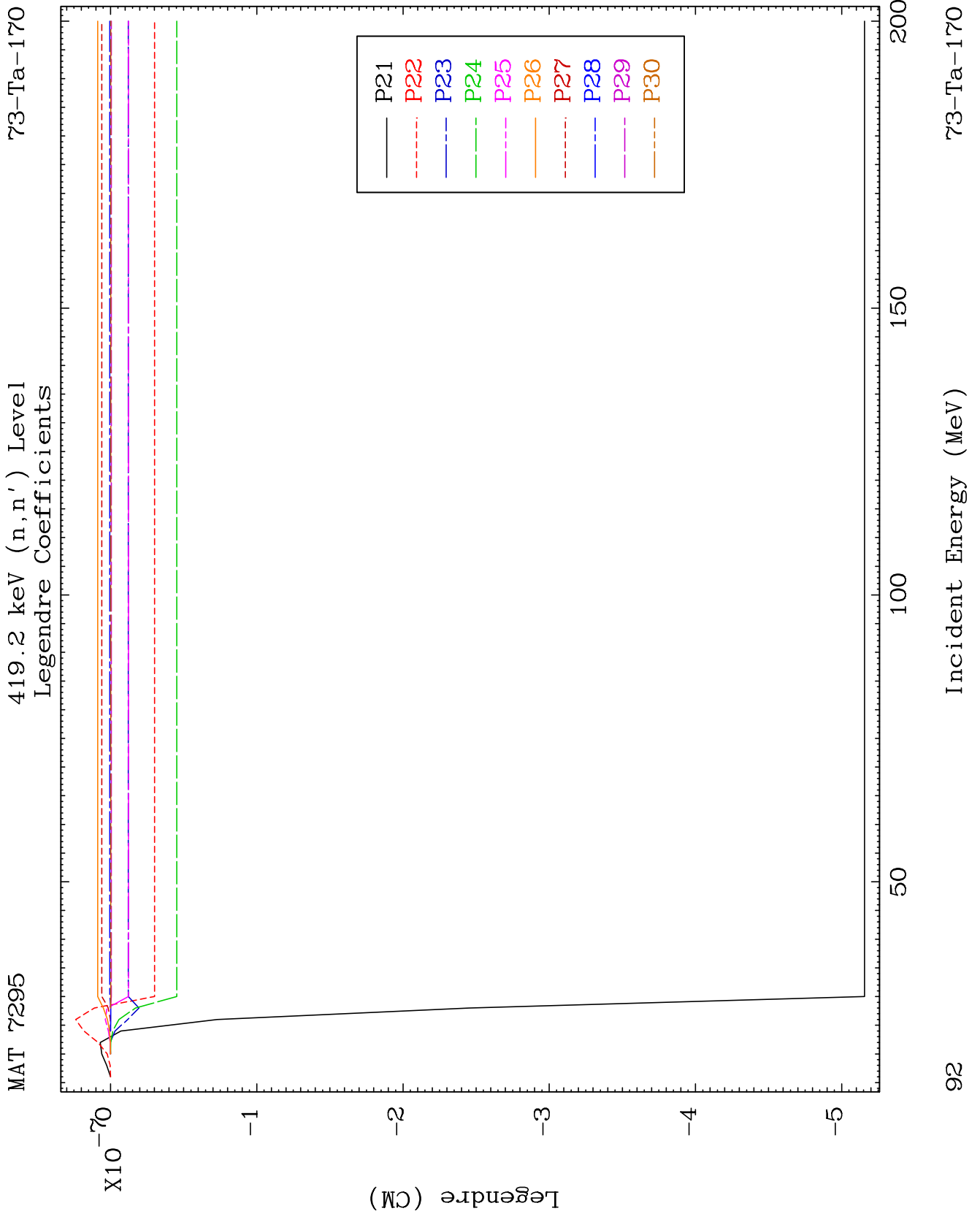
73-Ta-170



91

Incident Energy (MeV)

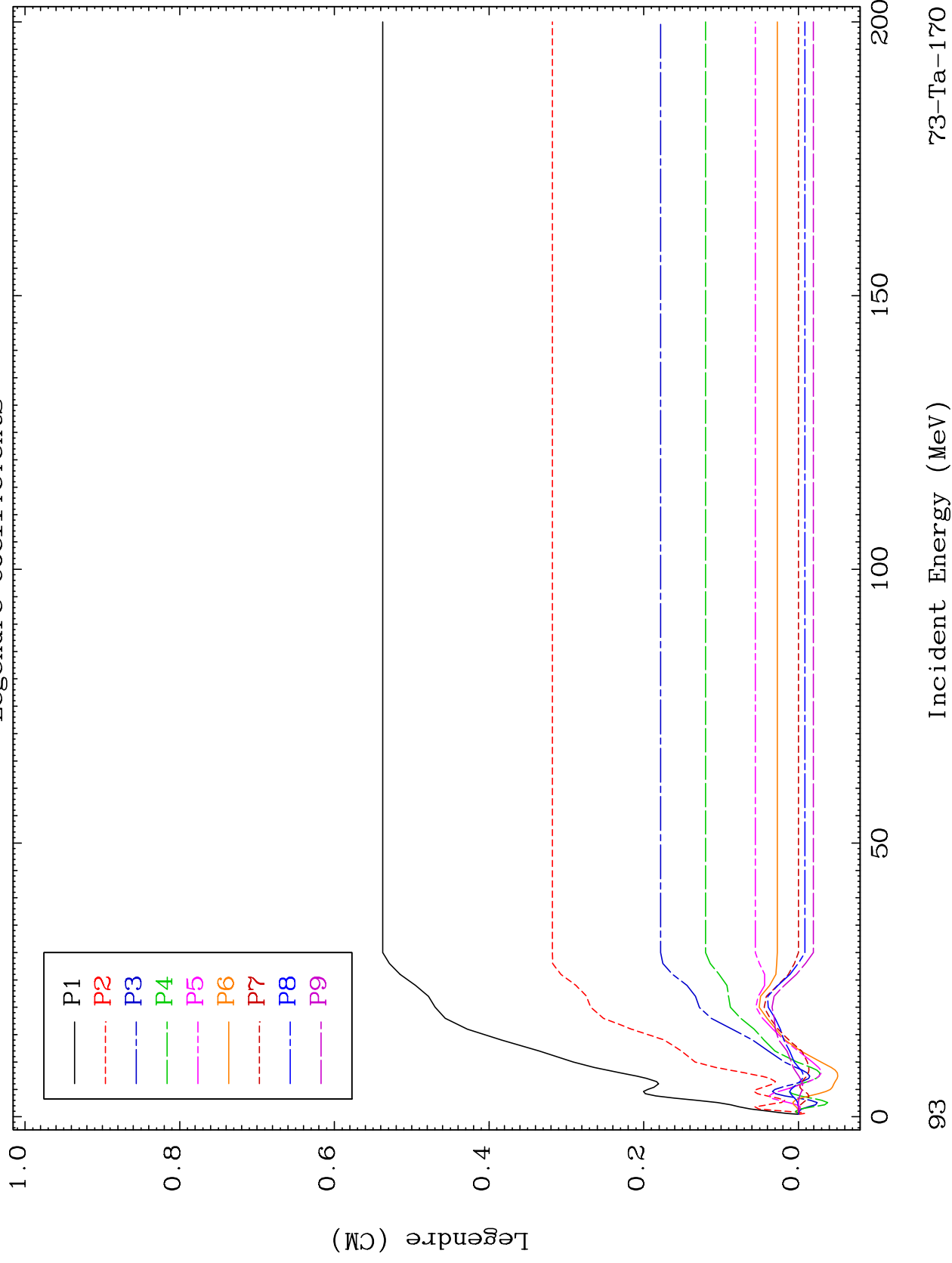
73-Ta-170

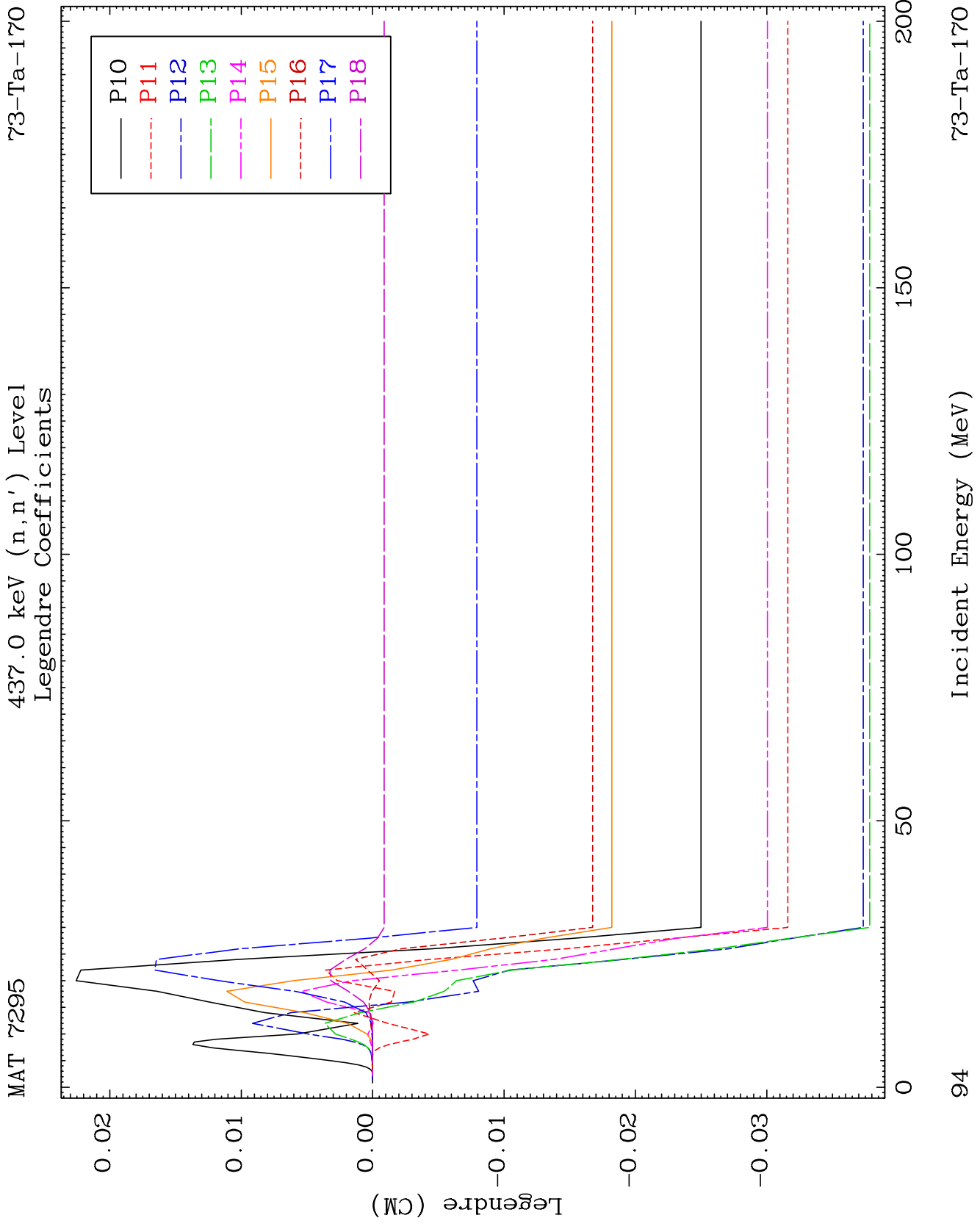


MAT 7295

437.0 keV (n,n') Level
Legendre Coefficients

73-Ta-170

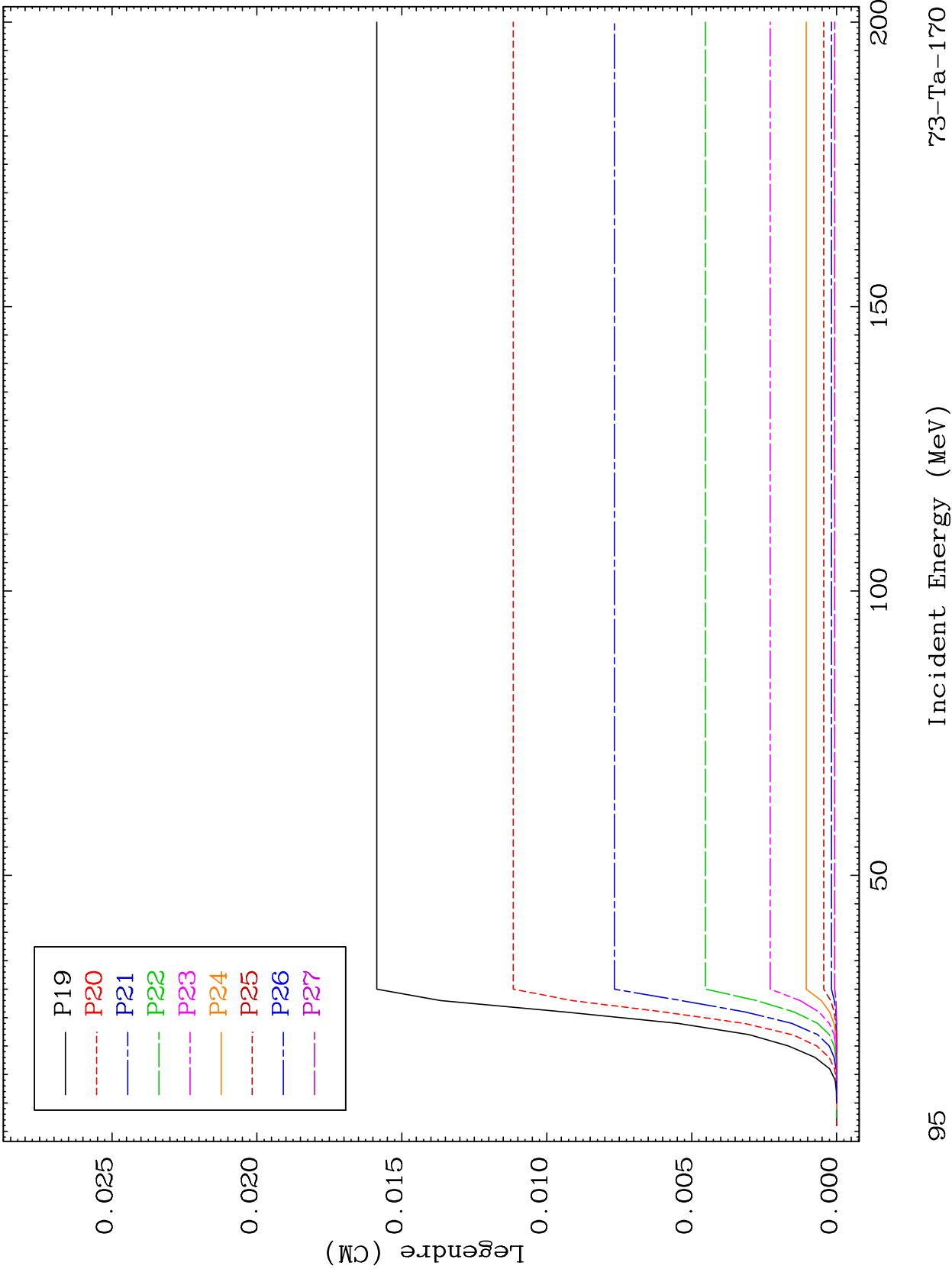




MAT 7295

437.0 keV (n,n') Level
Legendre Coefficients

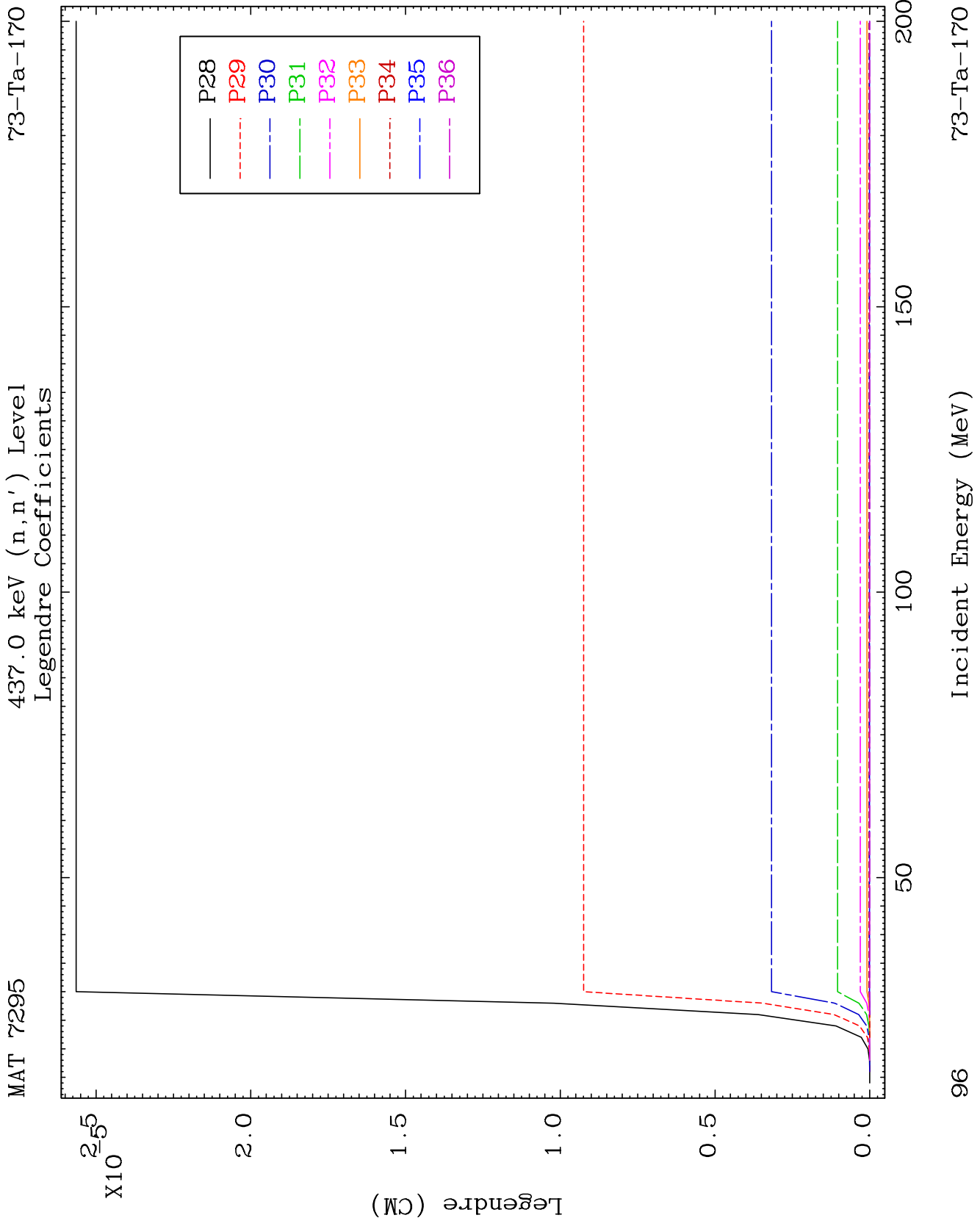
73-Ta-170

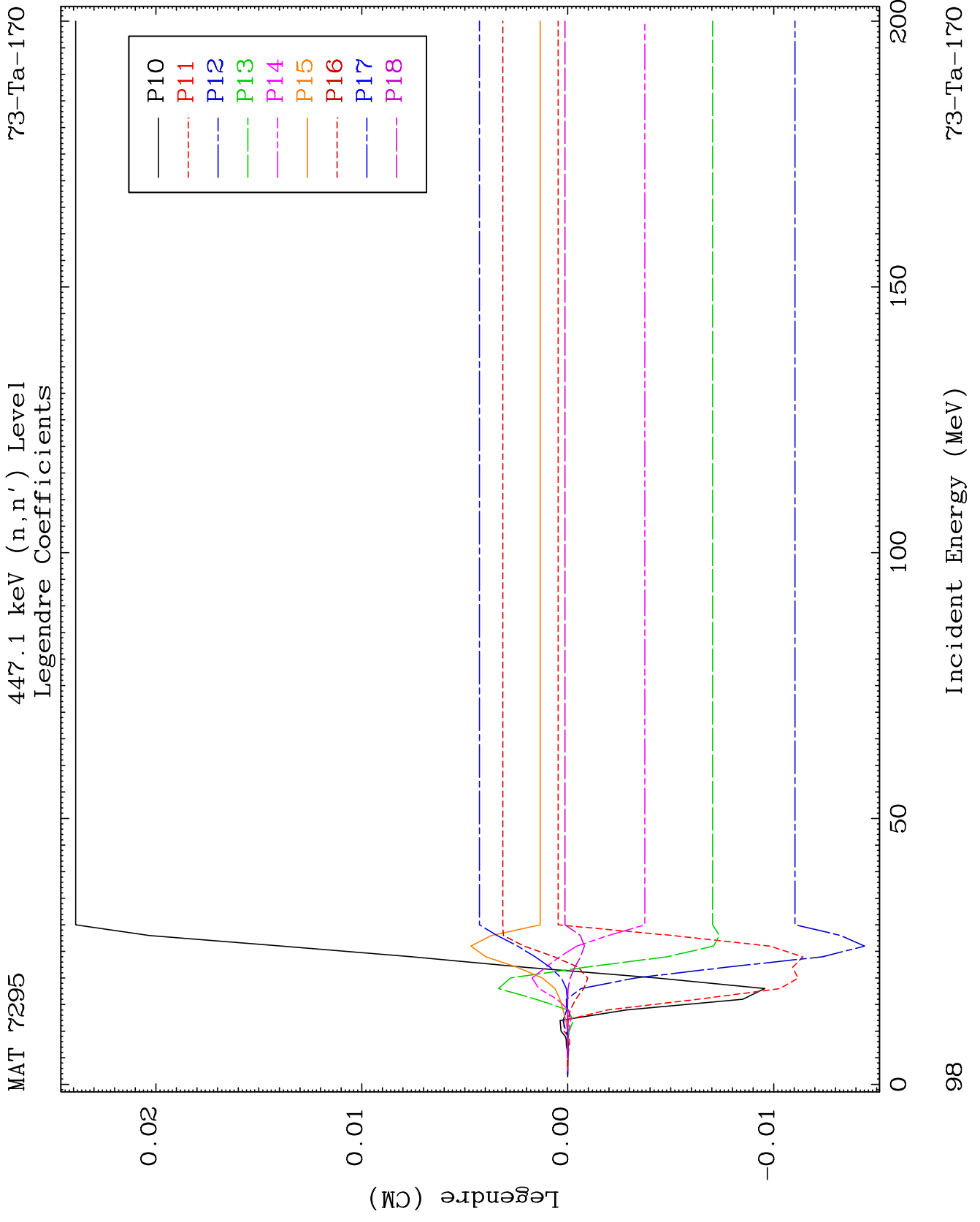


95

Incident Energy (MeV)

73-Ta-170

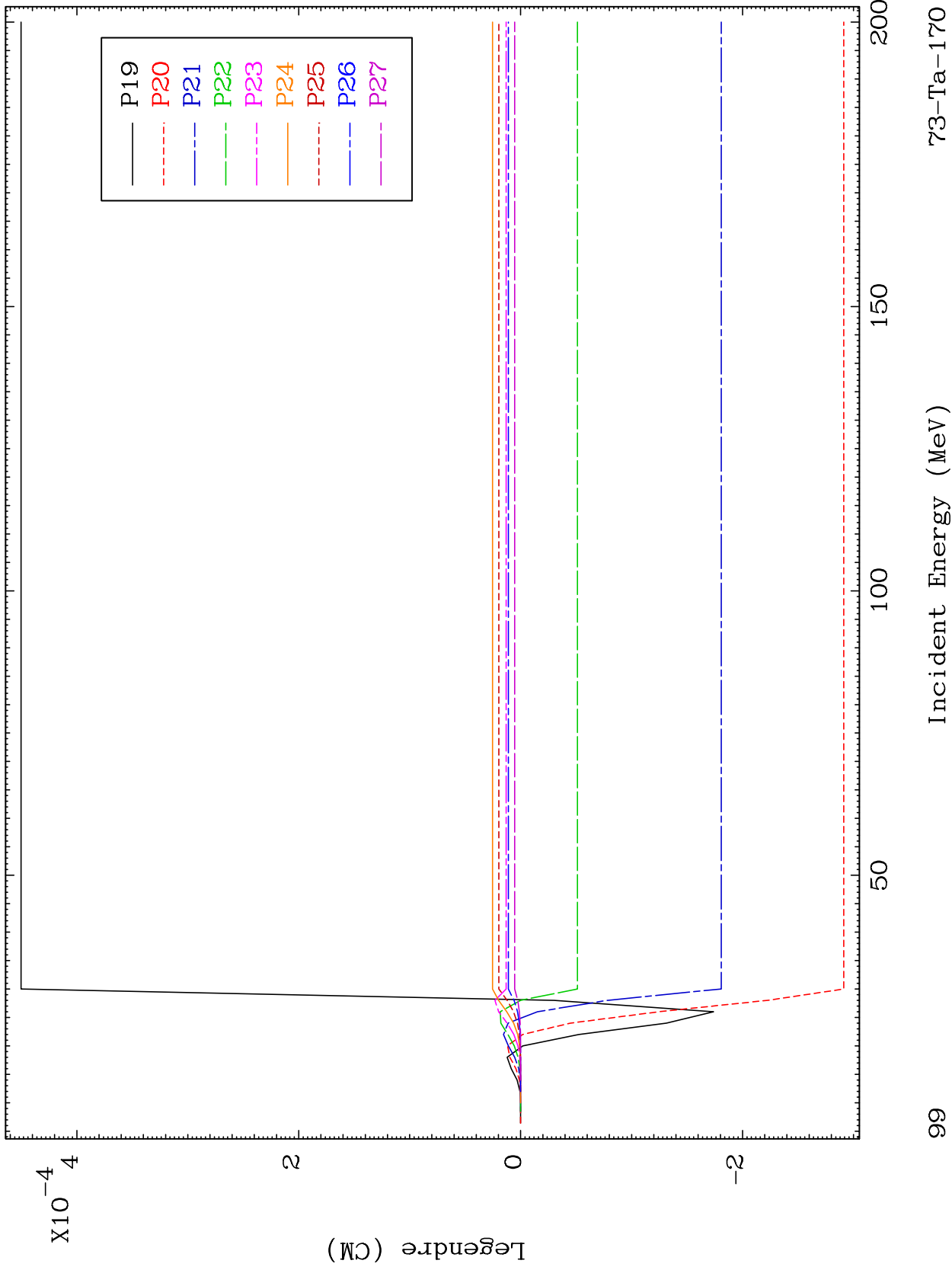


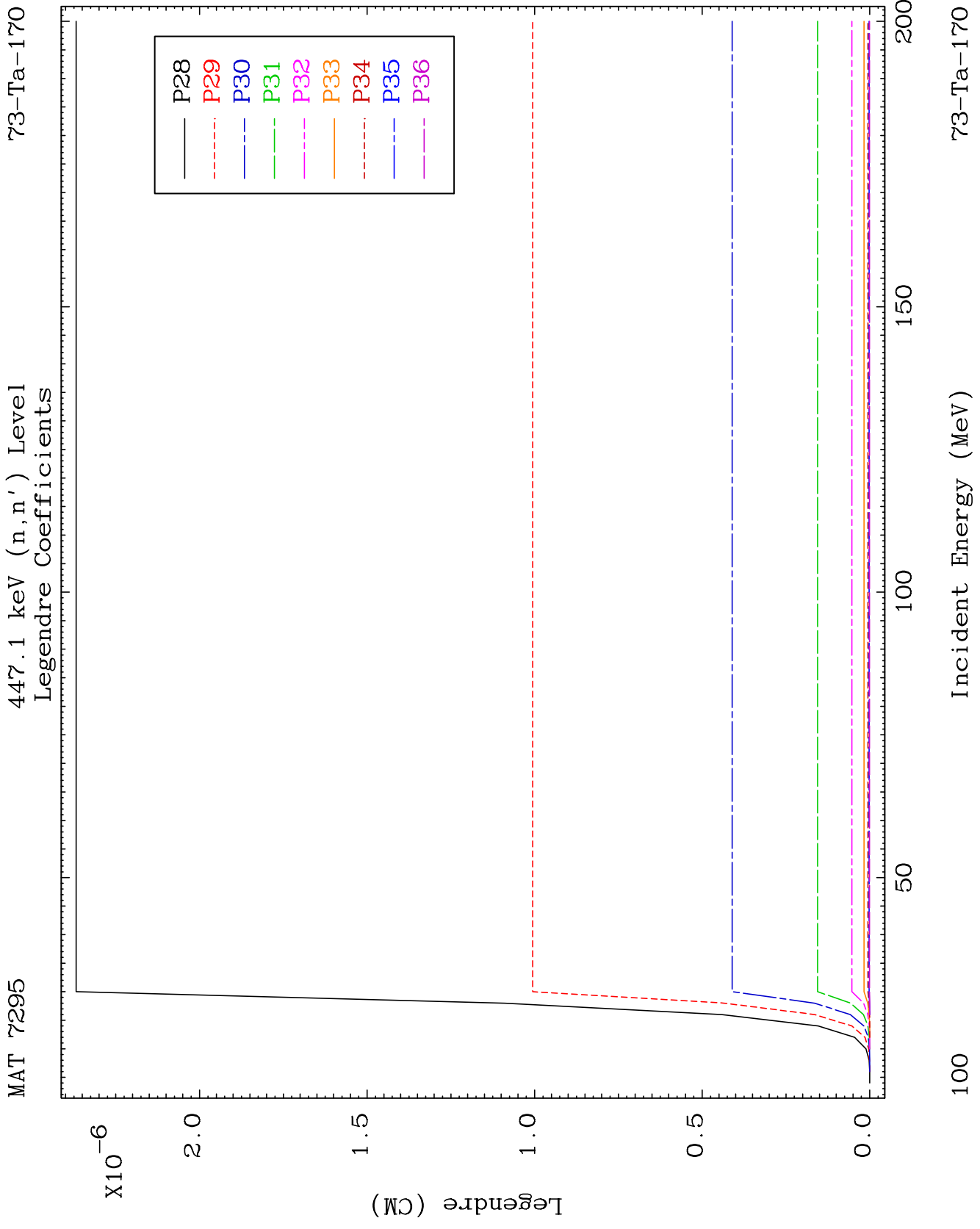


MAT 7295

447.1 keV (n,n') Level
Legendre Coefficients

73-Ta-170

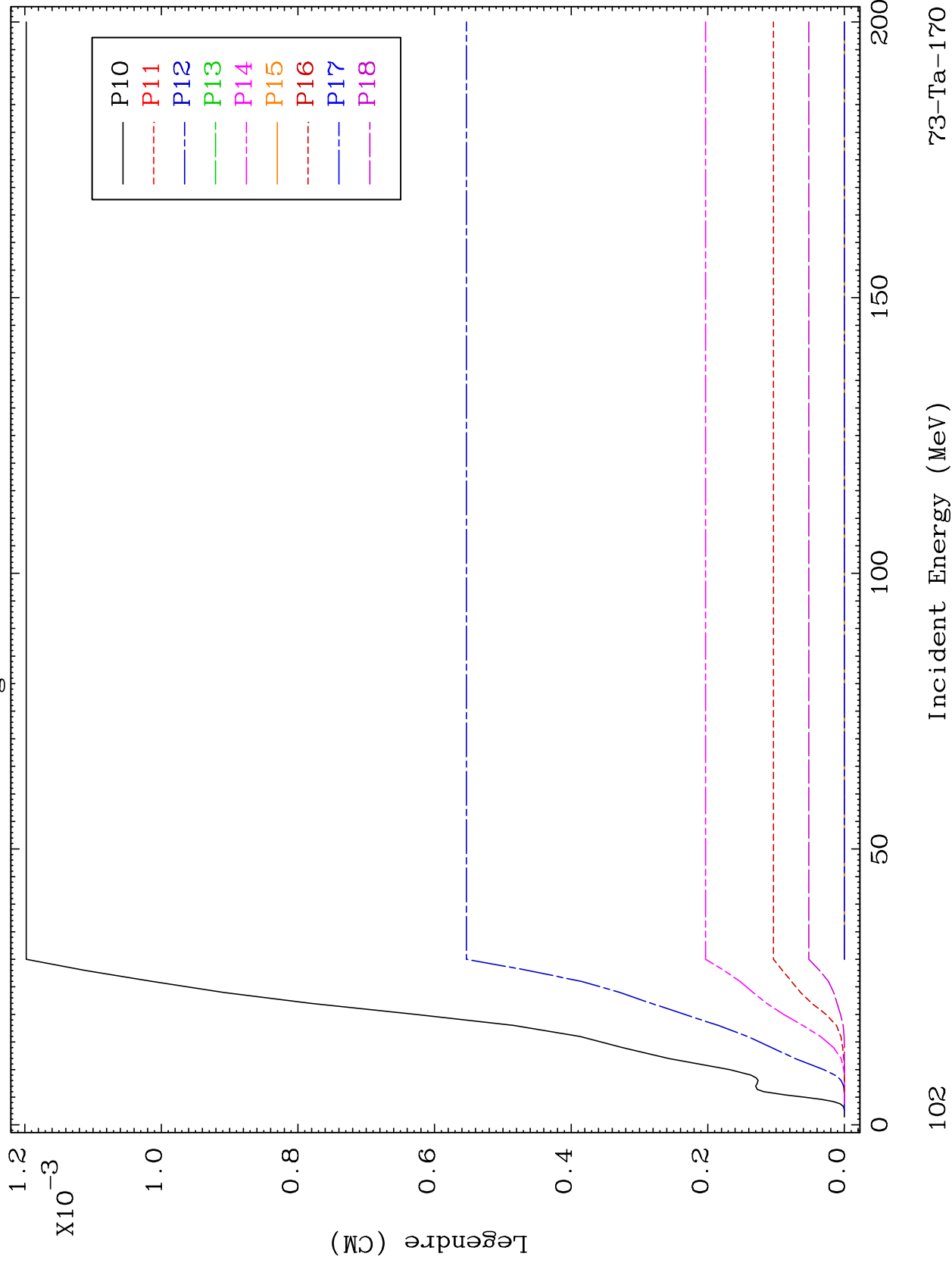




MAT 7295

451.3 keV (n,n') Level
Legendre Coefficients

73-Ta-170



102

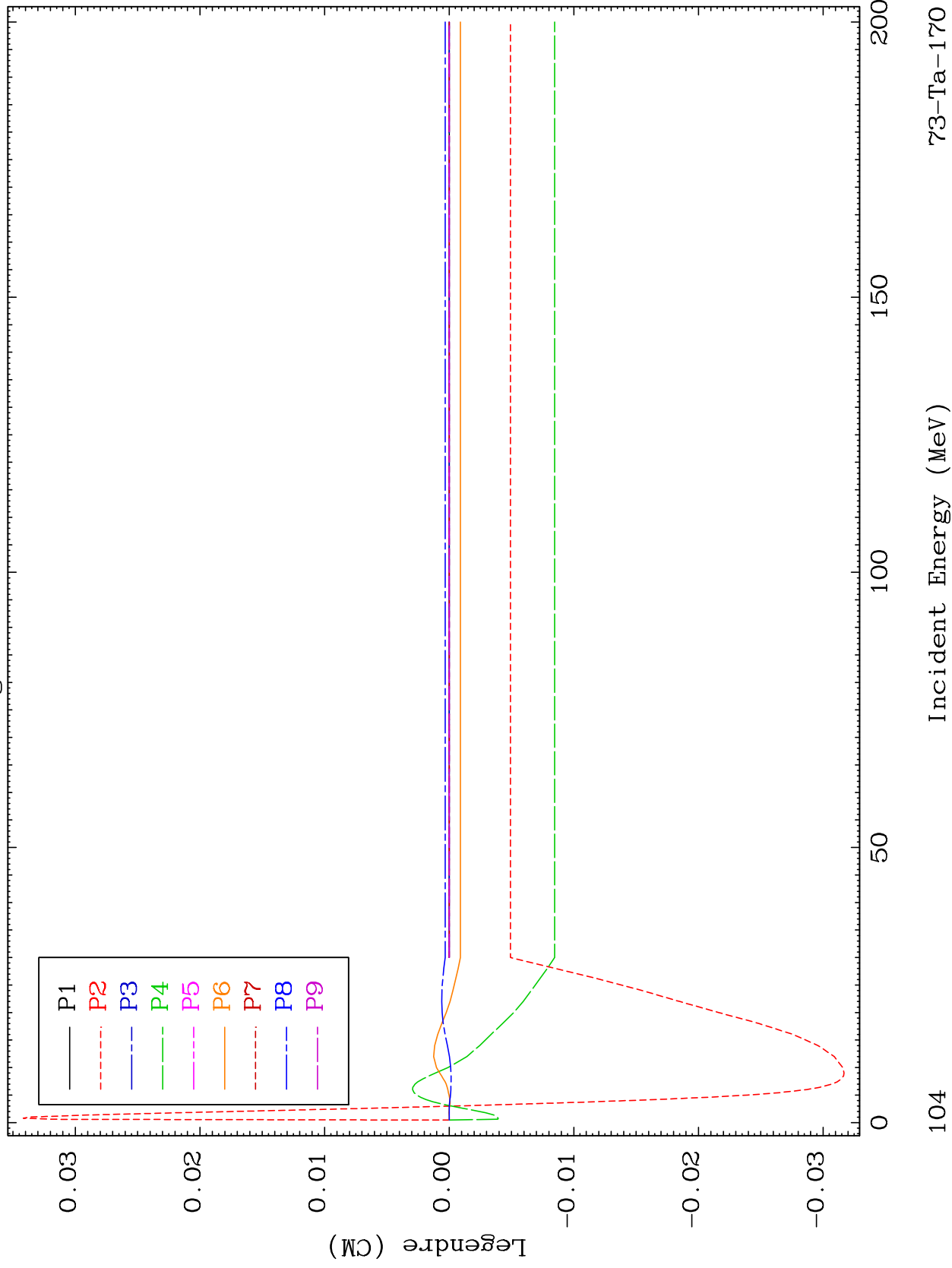
Incident Energy (MeV)

73-Ta-170

MAT 7295

454.6 keV (n,n') Level
Legendre Coefficients

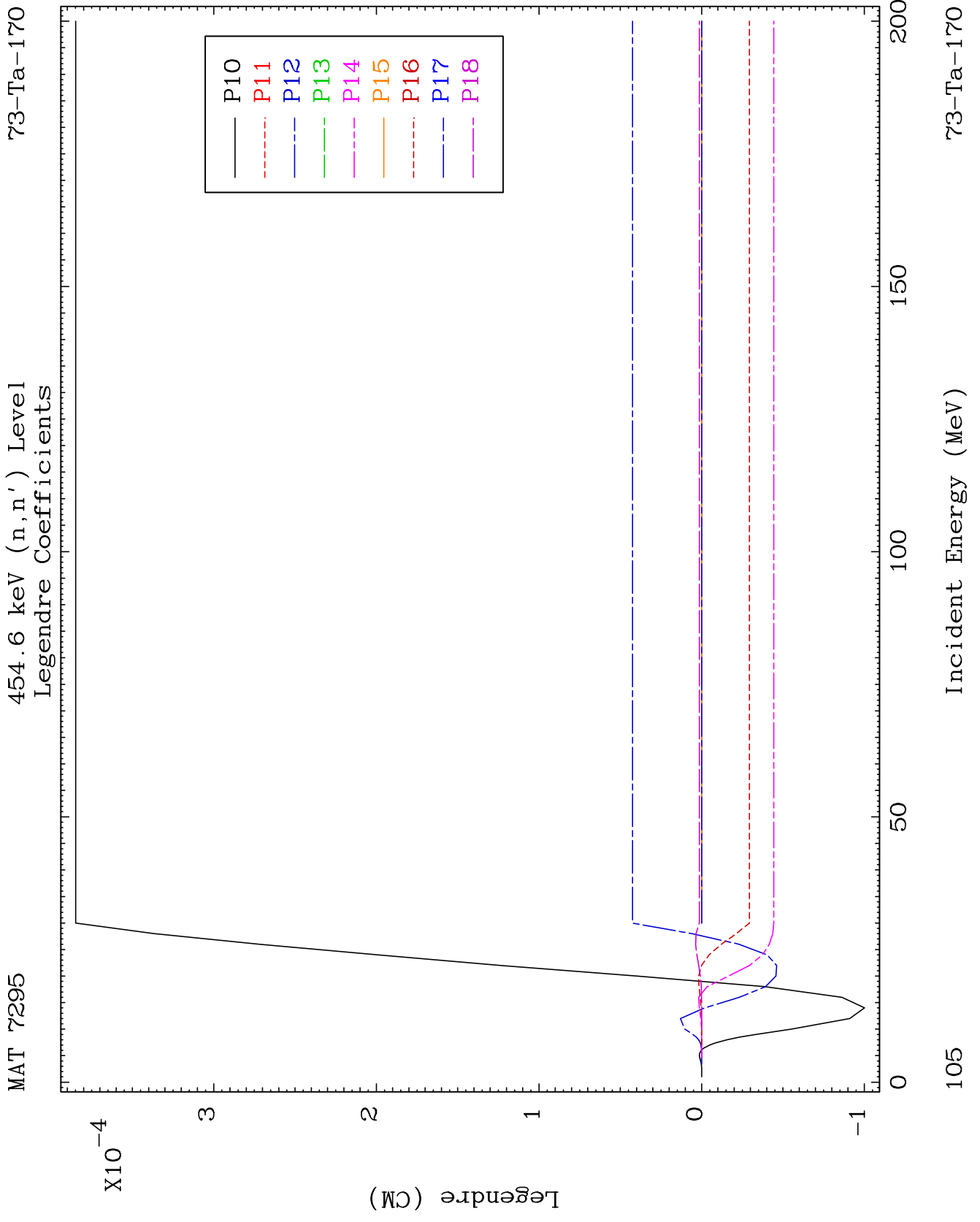
73-Ta-170

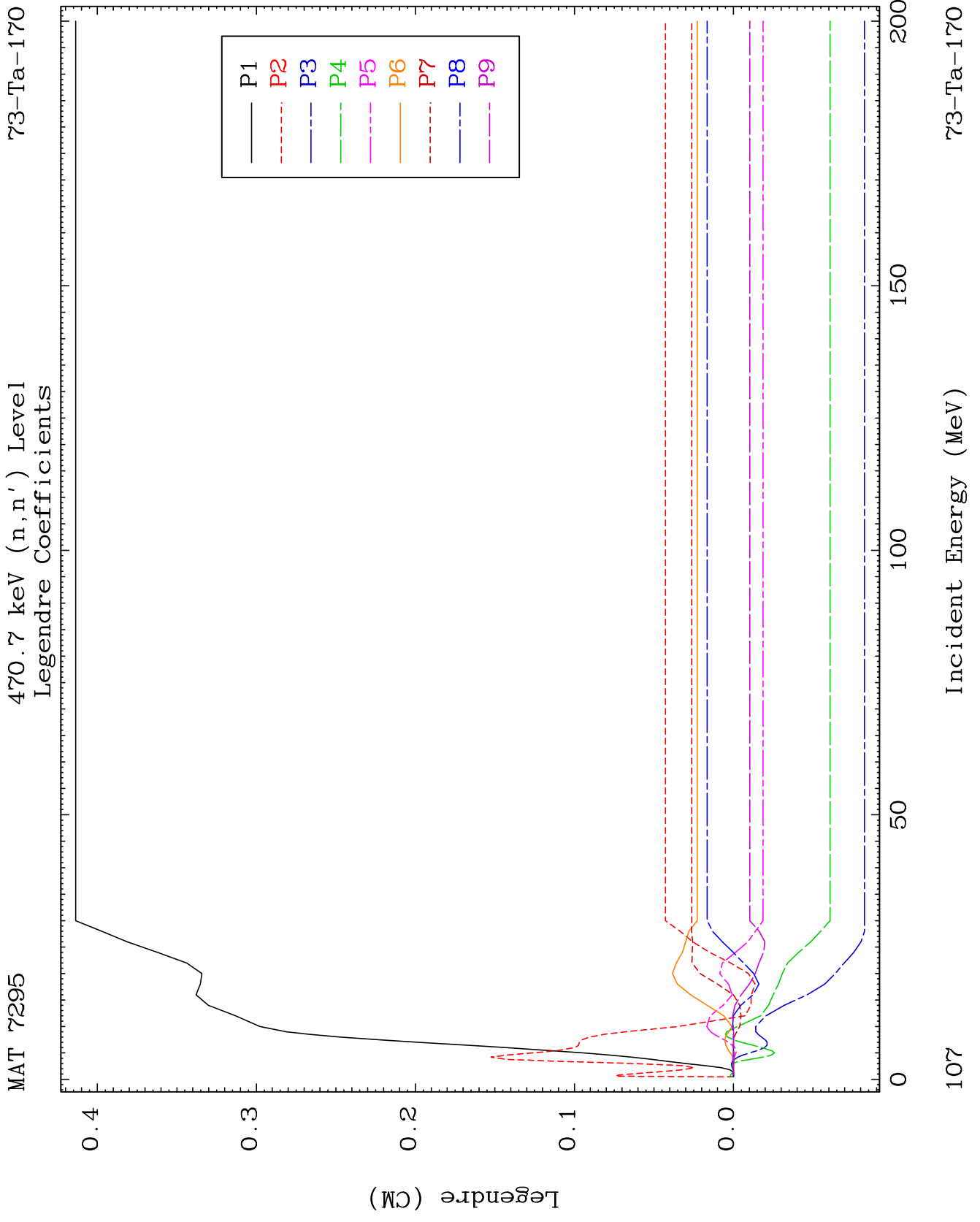


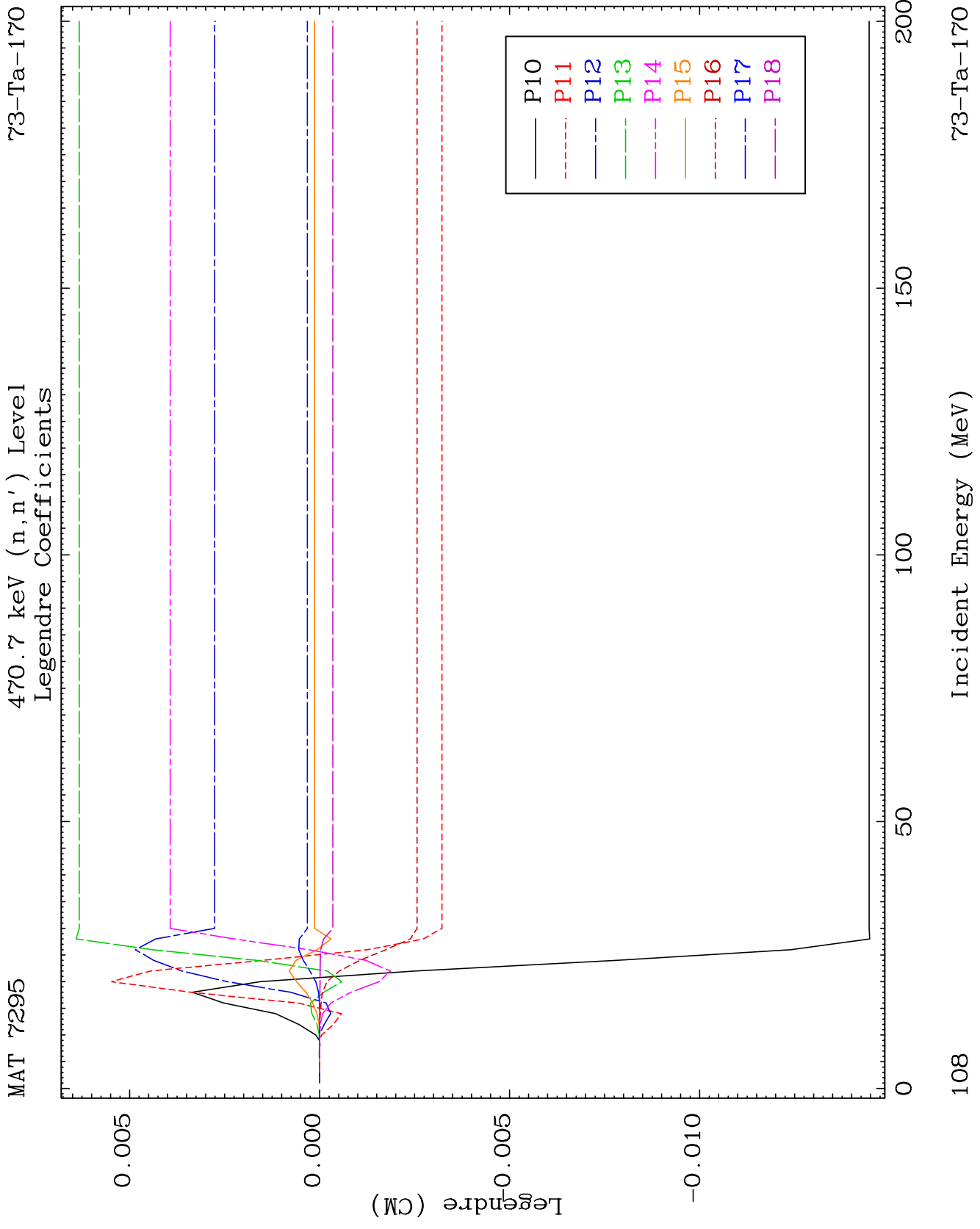
73-Ta-170

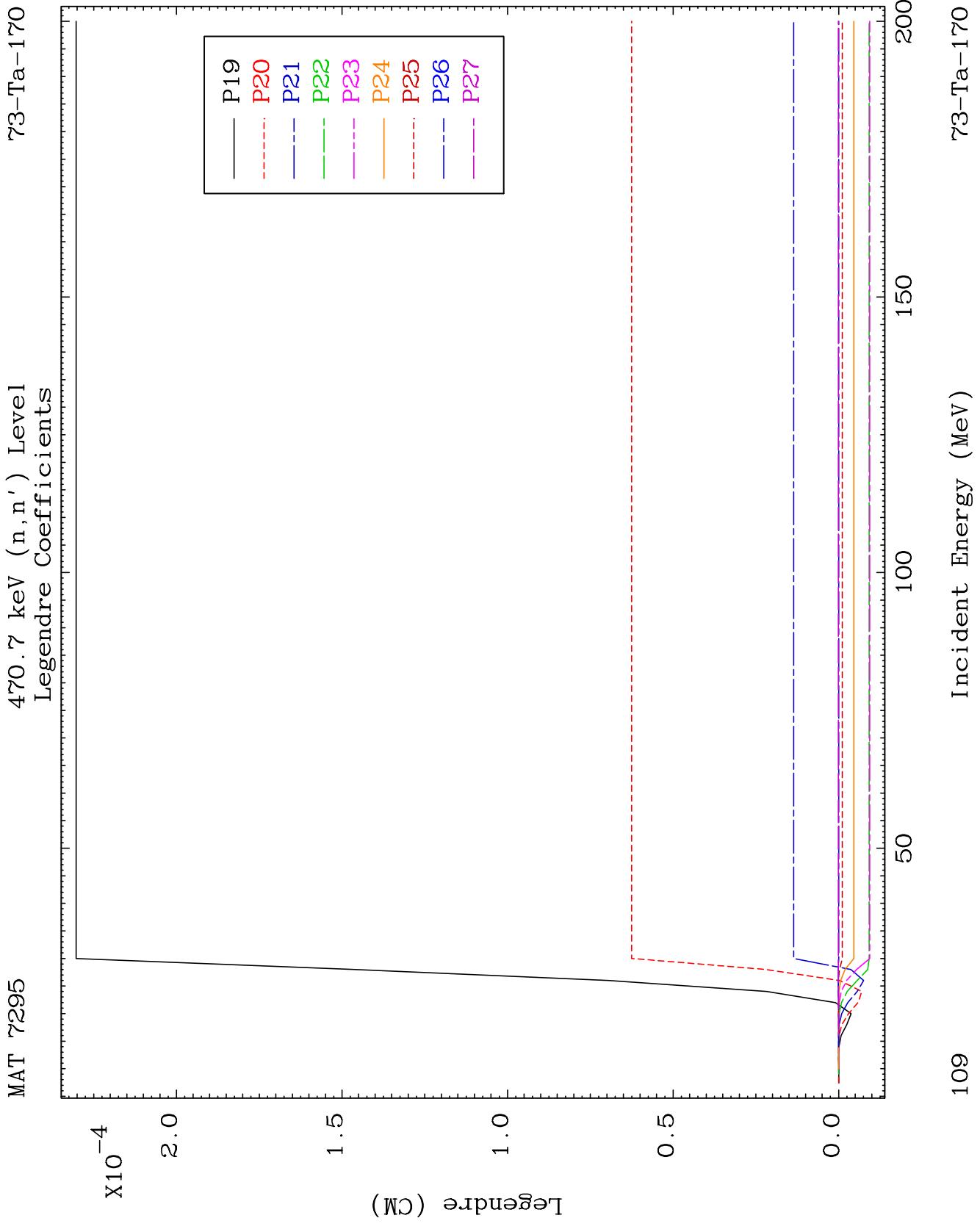
Incident Energy (MeV)

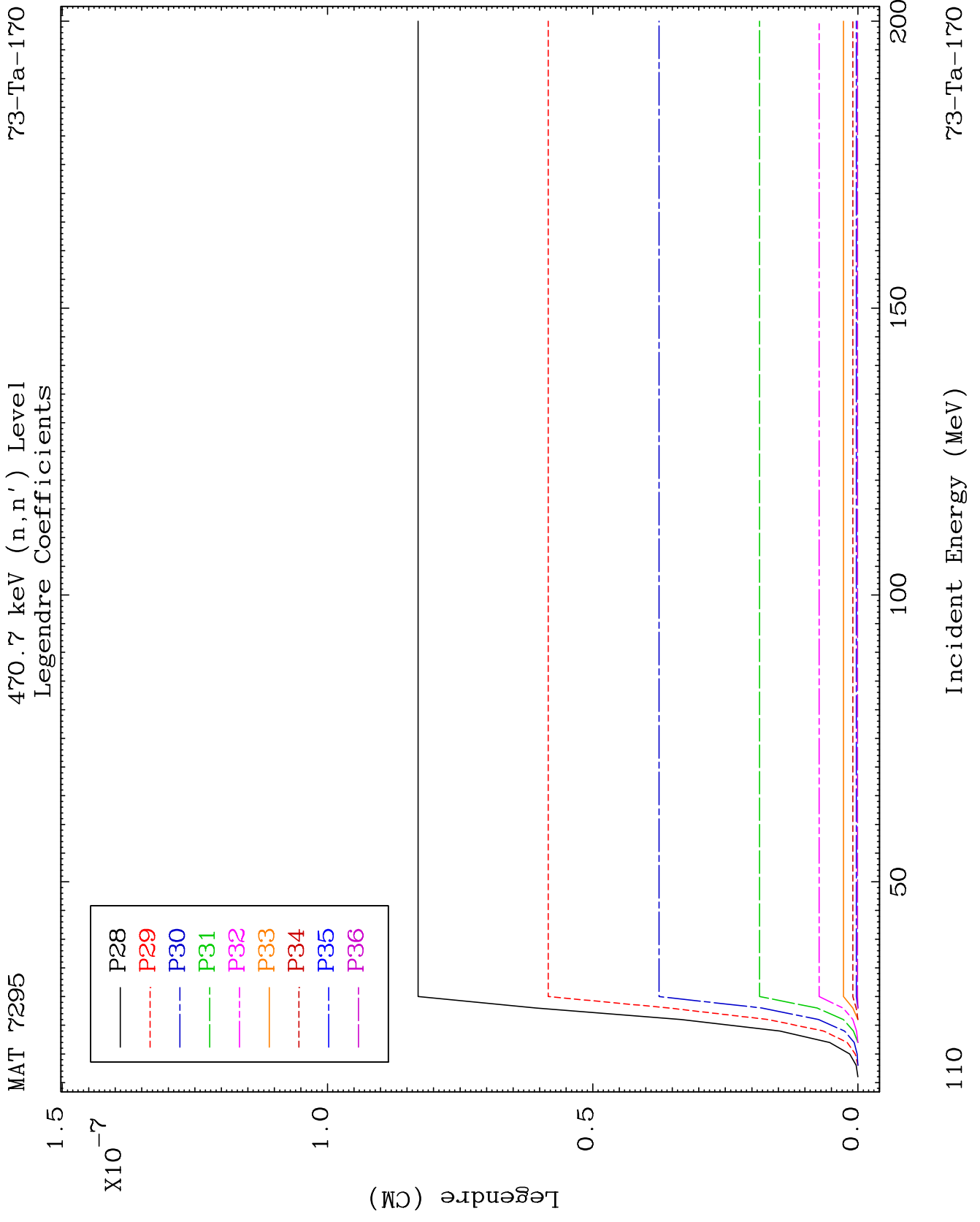
104







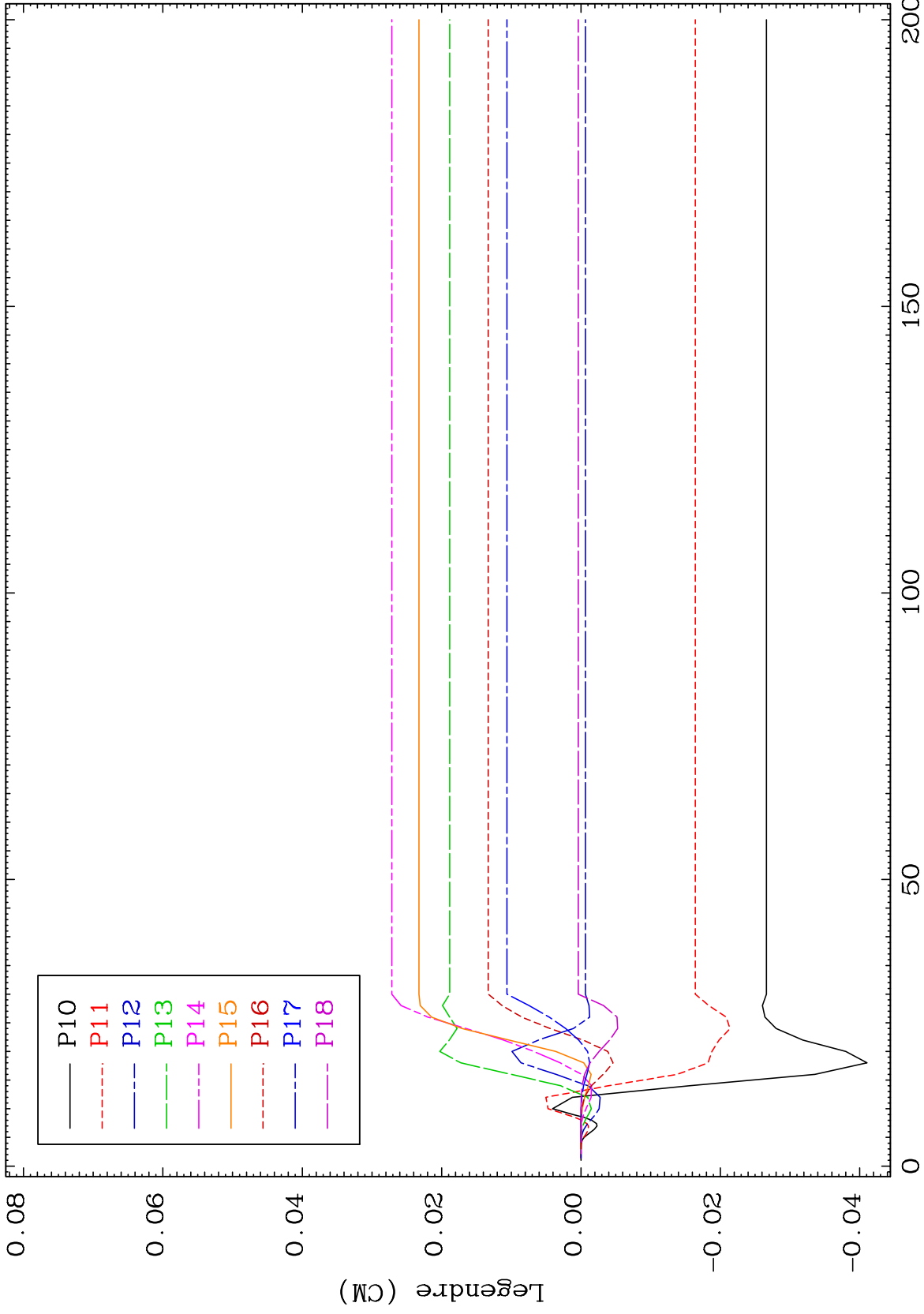




MAT 7295

474.7 keV (n,n') Level
Legendre Coefficients

73-Ta-170



112

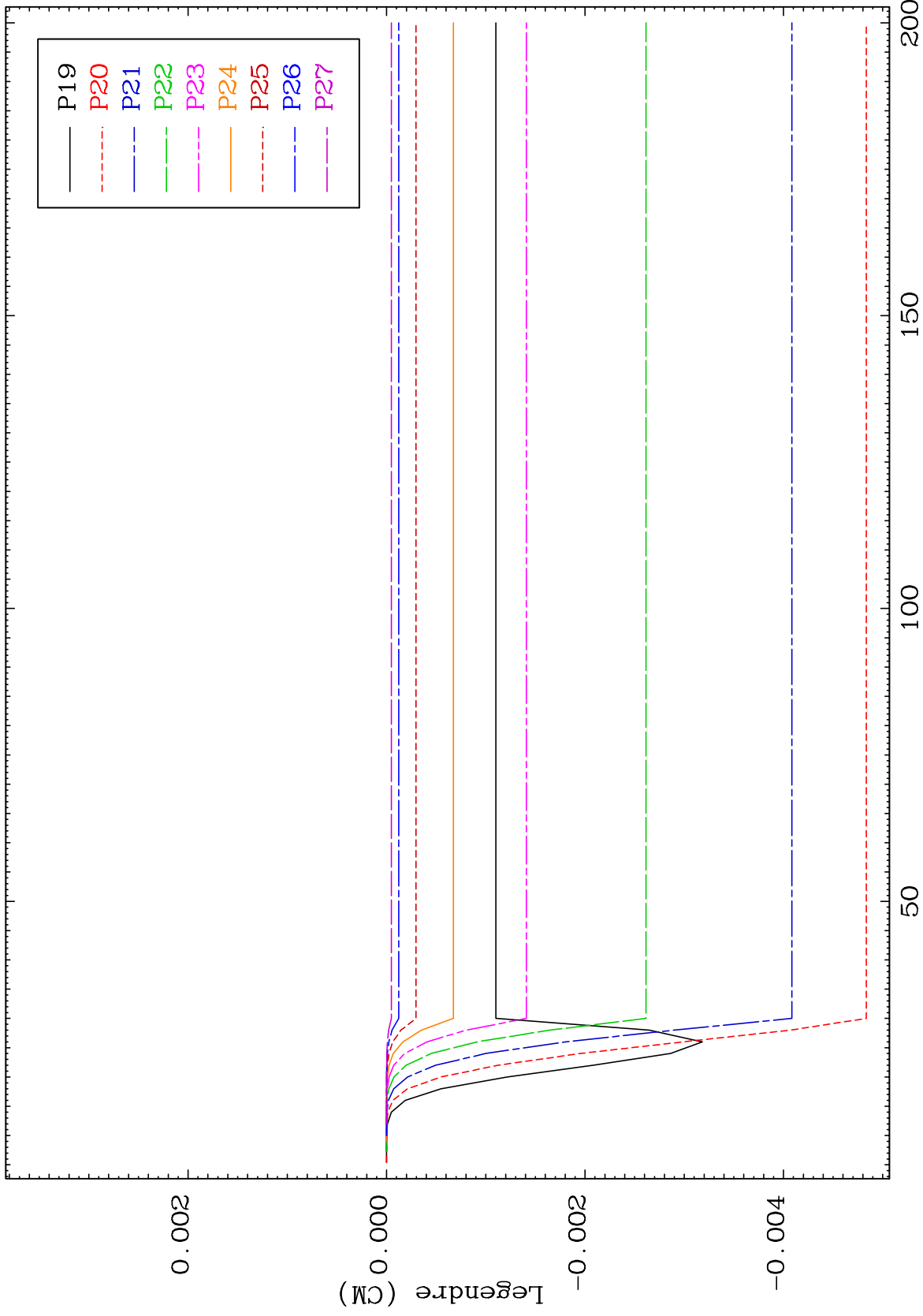
Incident Energy (MeV)

73-Ta-170

MAT 7295

474.7 keV (n,n') Level
Legendre Coefficients

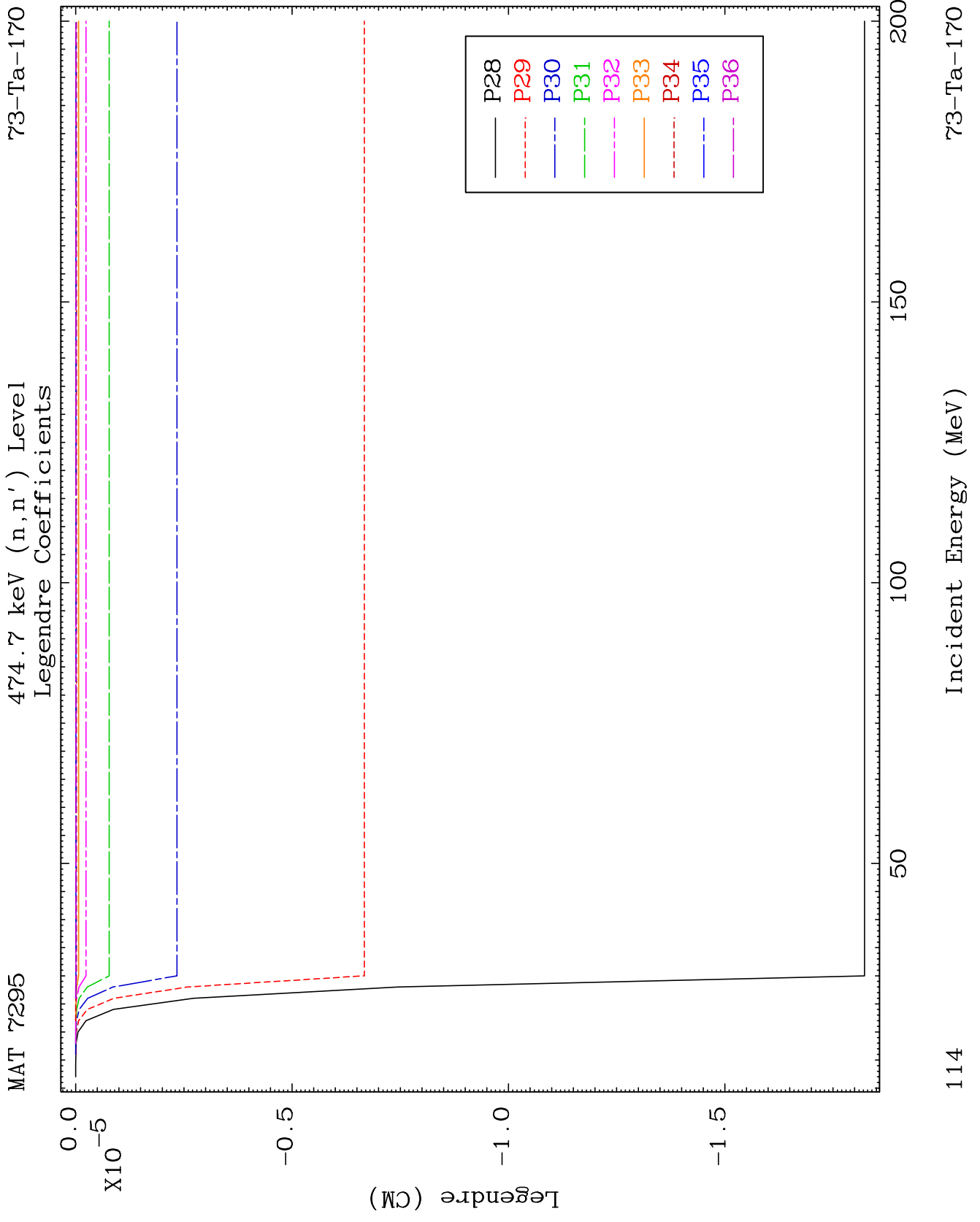
73-Ta-170

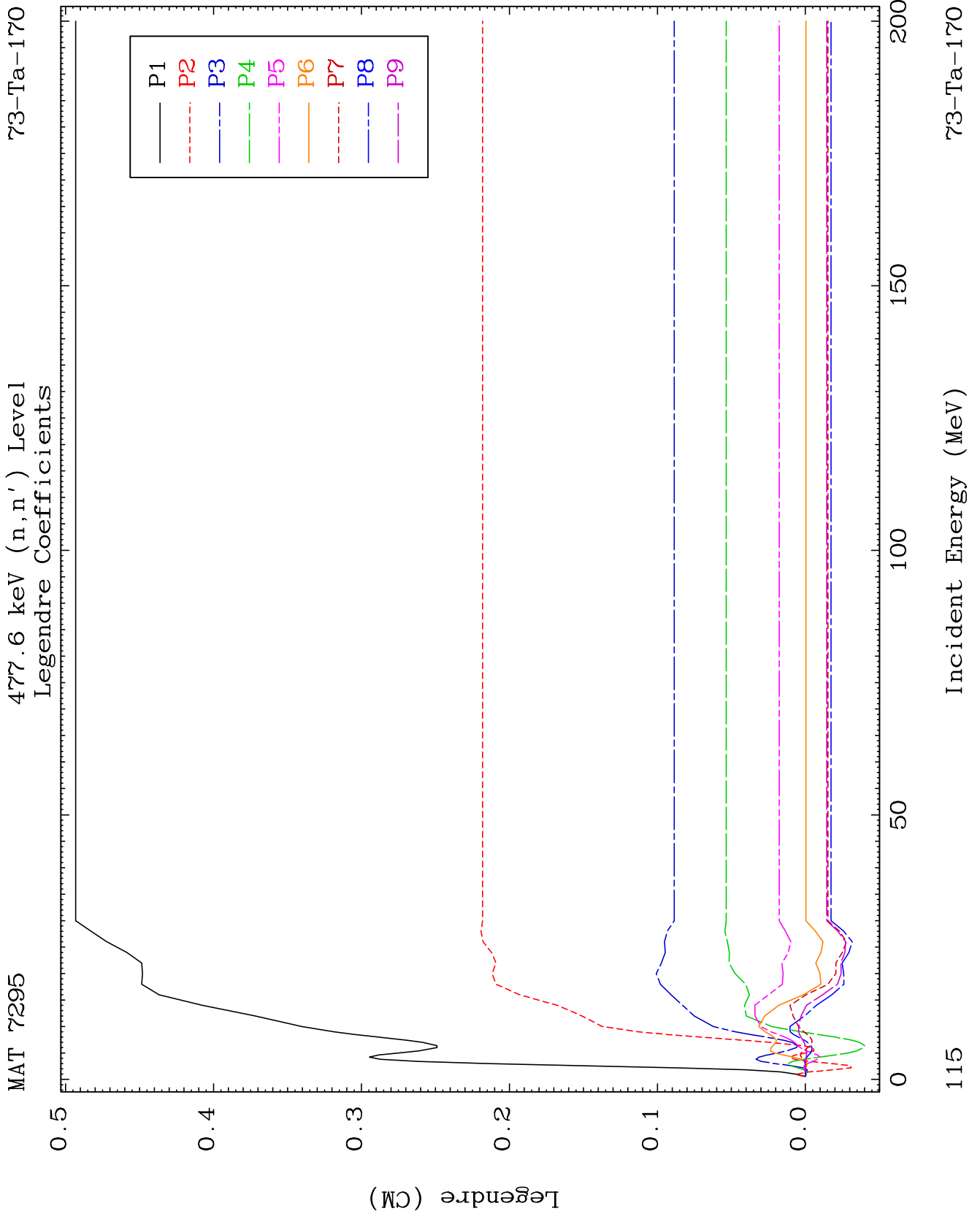


113

Incident Energy (MeV)

73-Ta-170

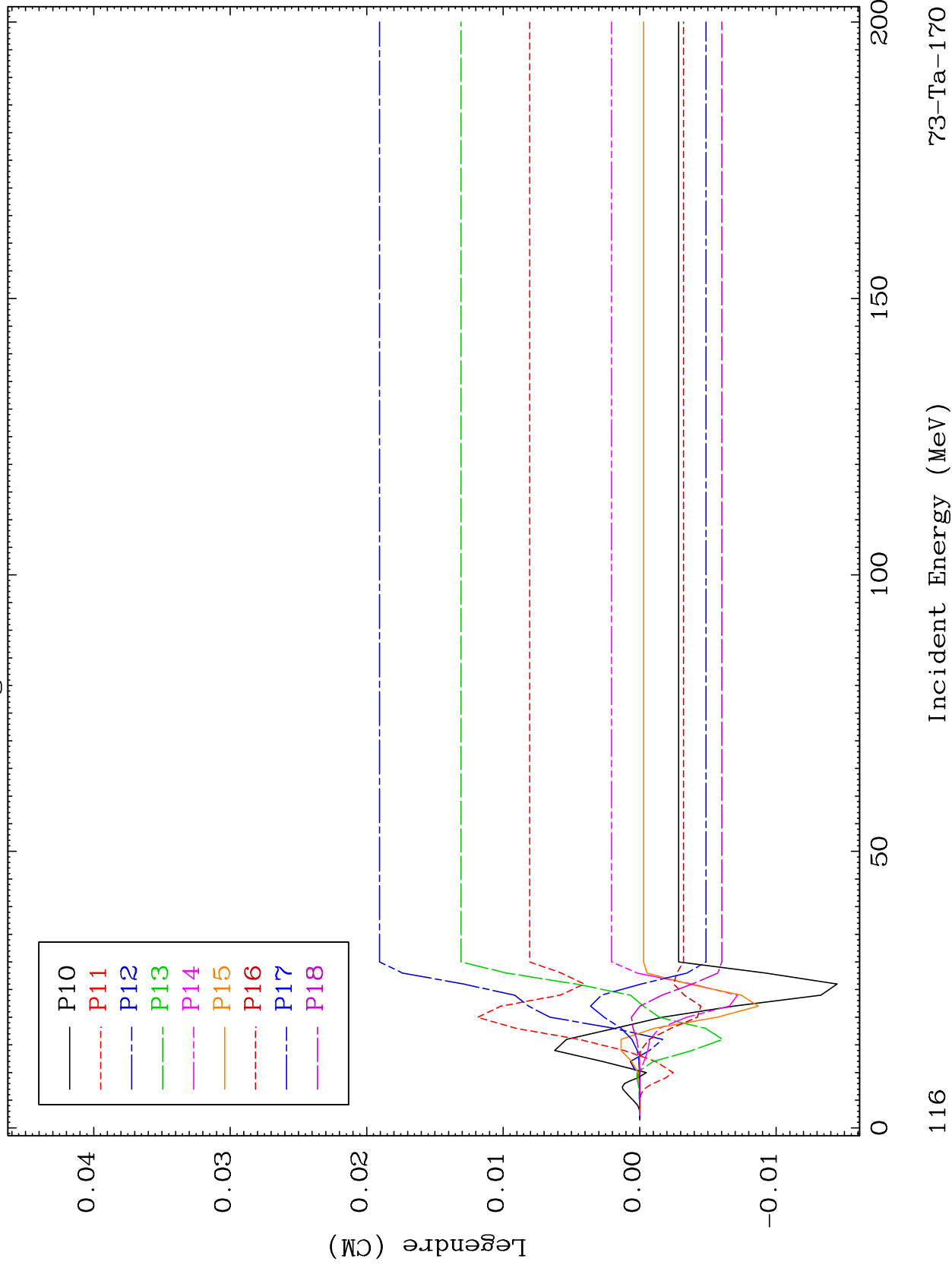




MAT 7295

477.6 keV (n,n') Level
Legendre Coefficients

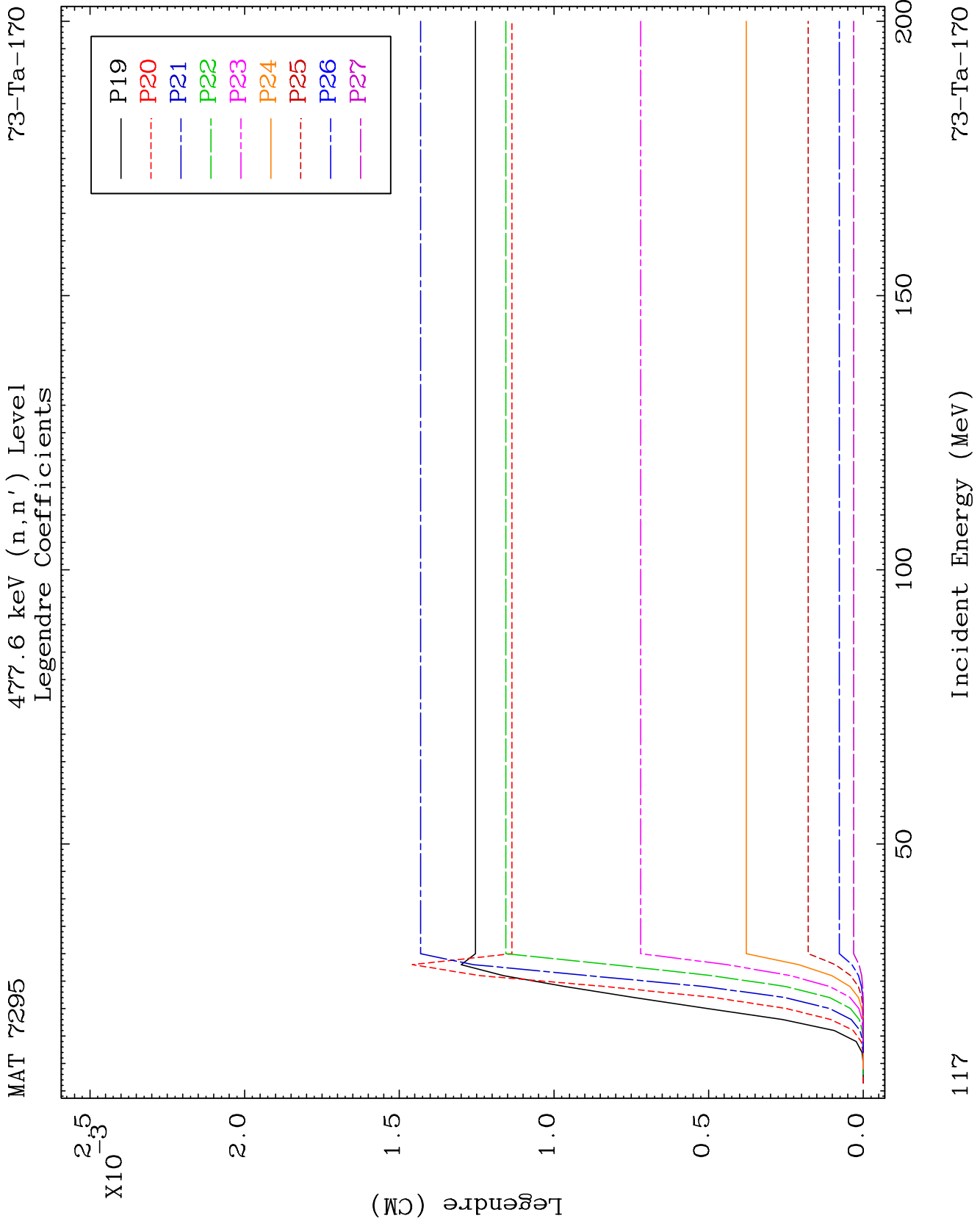
73-Ta-170

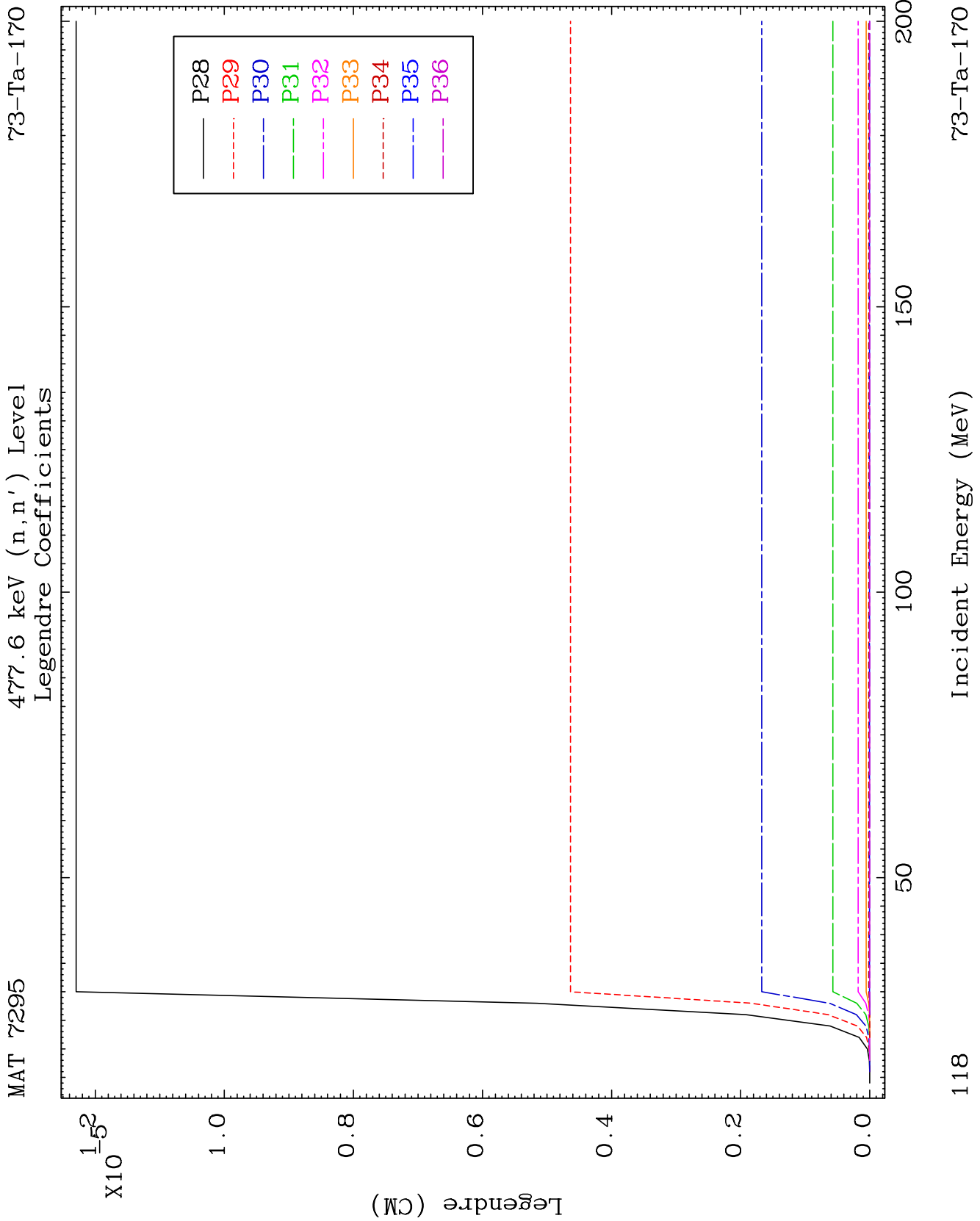


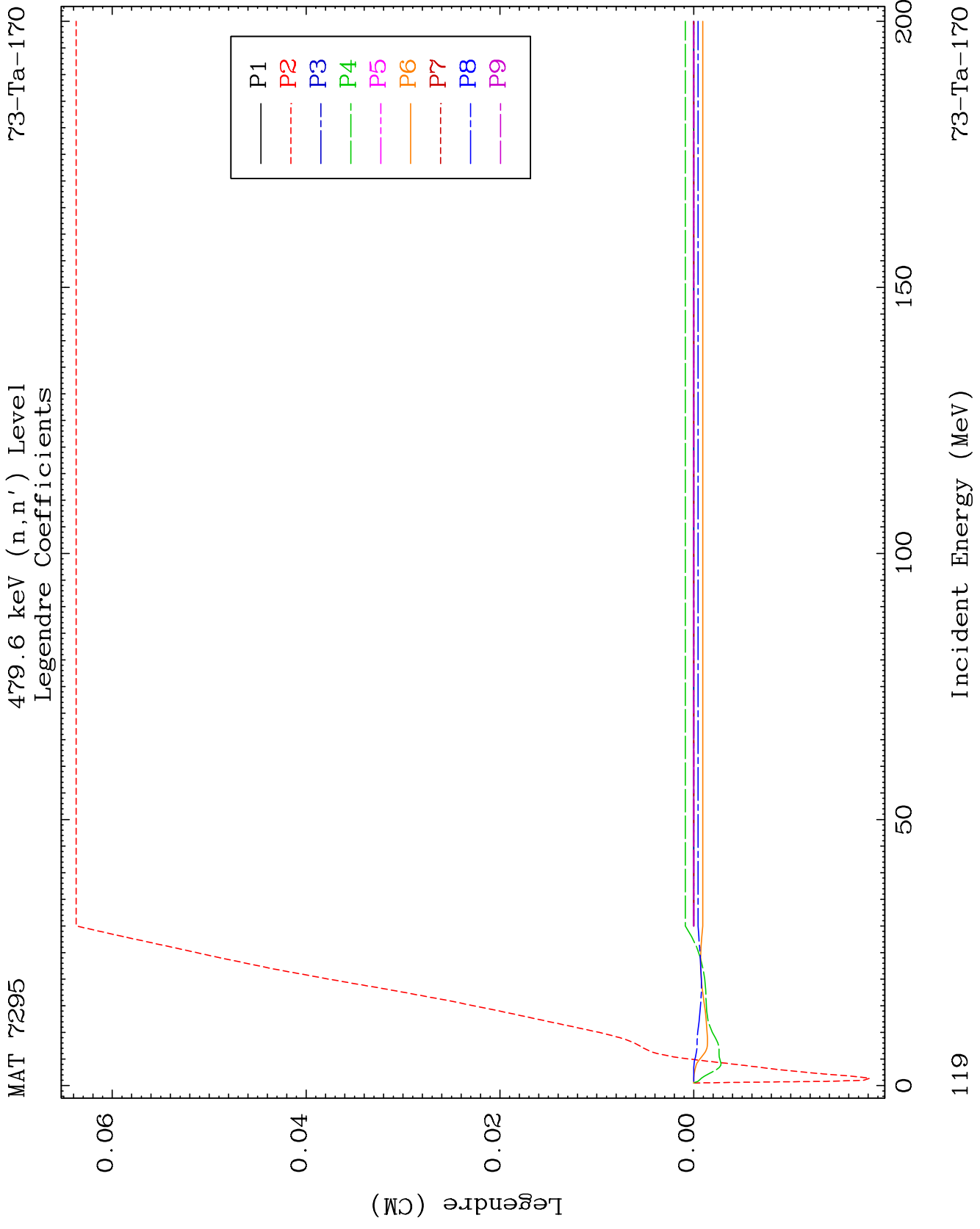
116

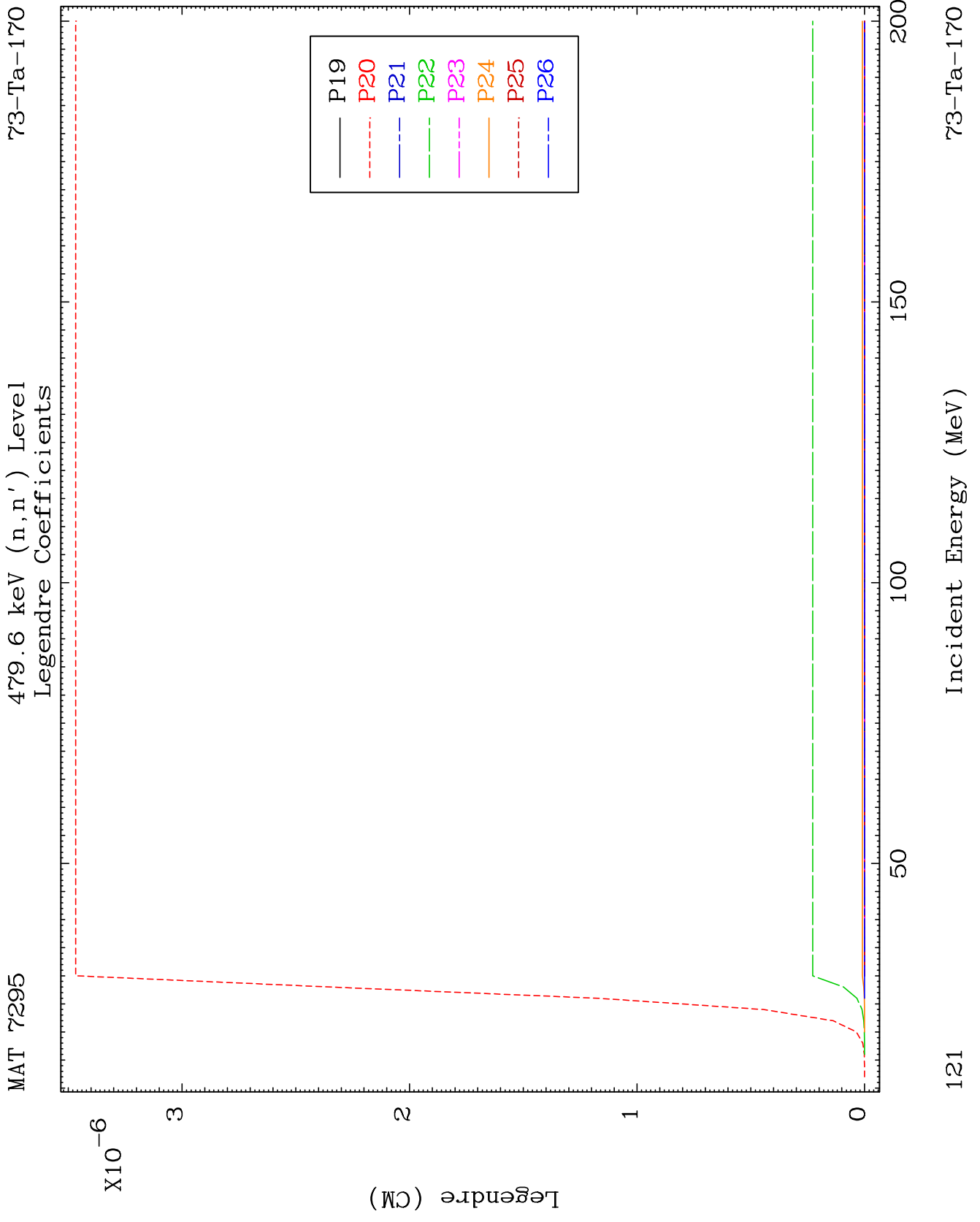
Incident Energy (MeV)

73-Ta-170







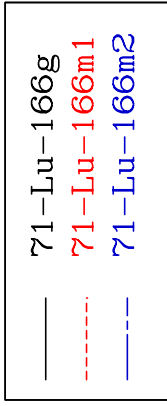
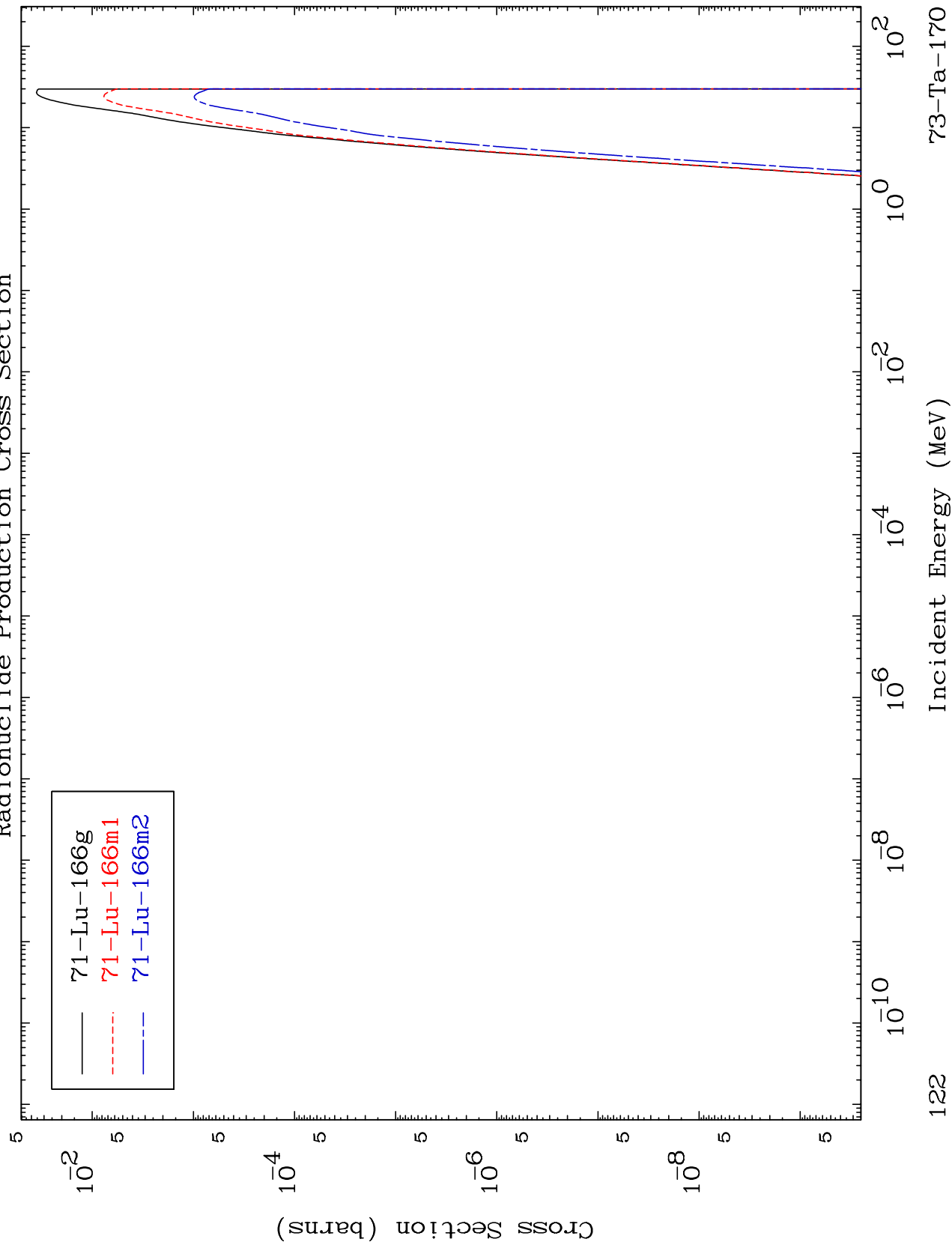


MAT 7295

$(n, n') \alpha$

$^{73}\text{Ta-170}$

Radionuclide Production Cross Section

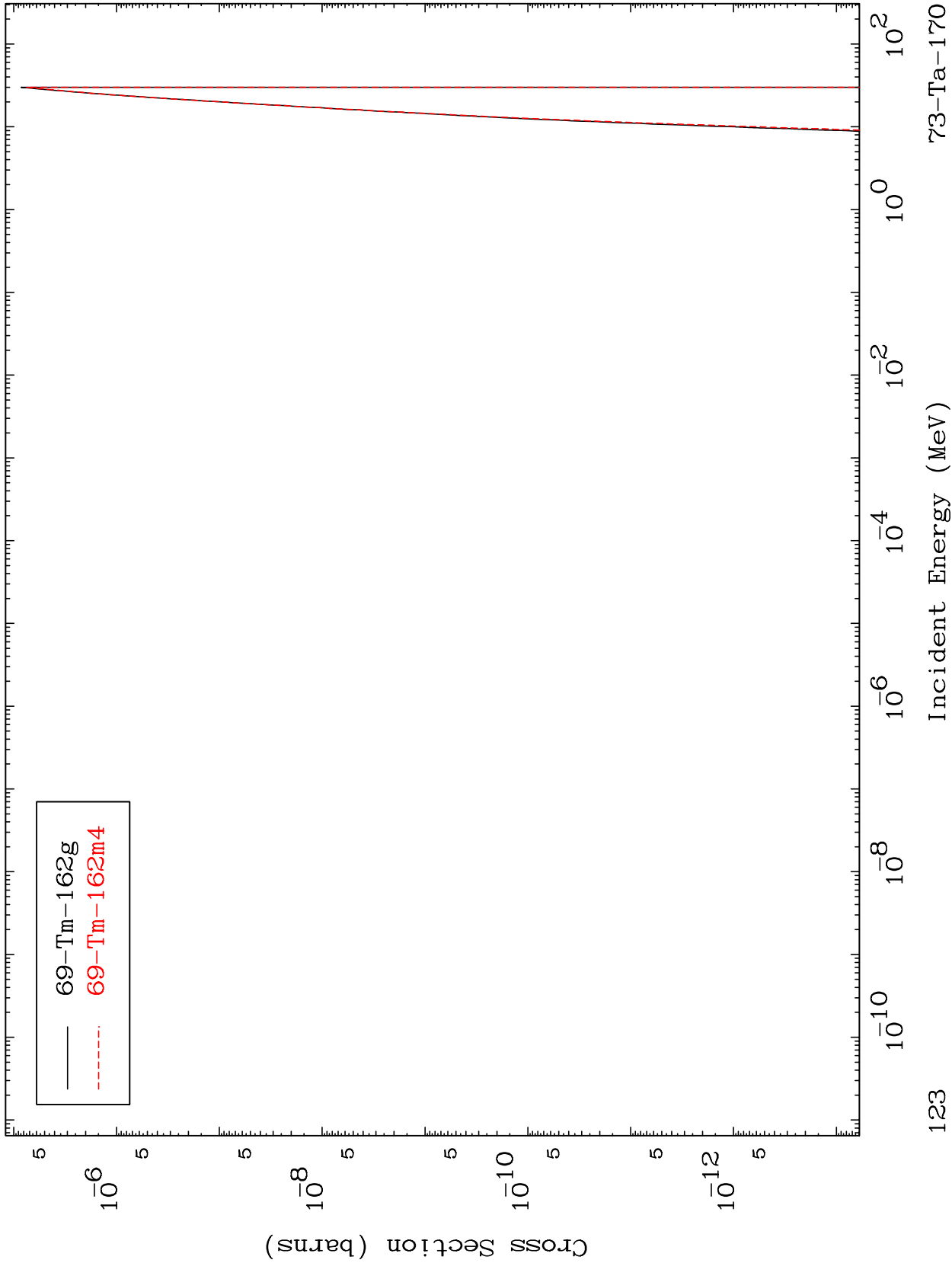


MAT 7295

(n,n') 2 α

73-Ta-170

Radionuclide Production Cross Section

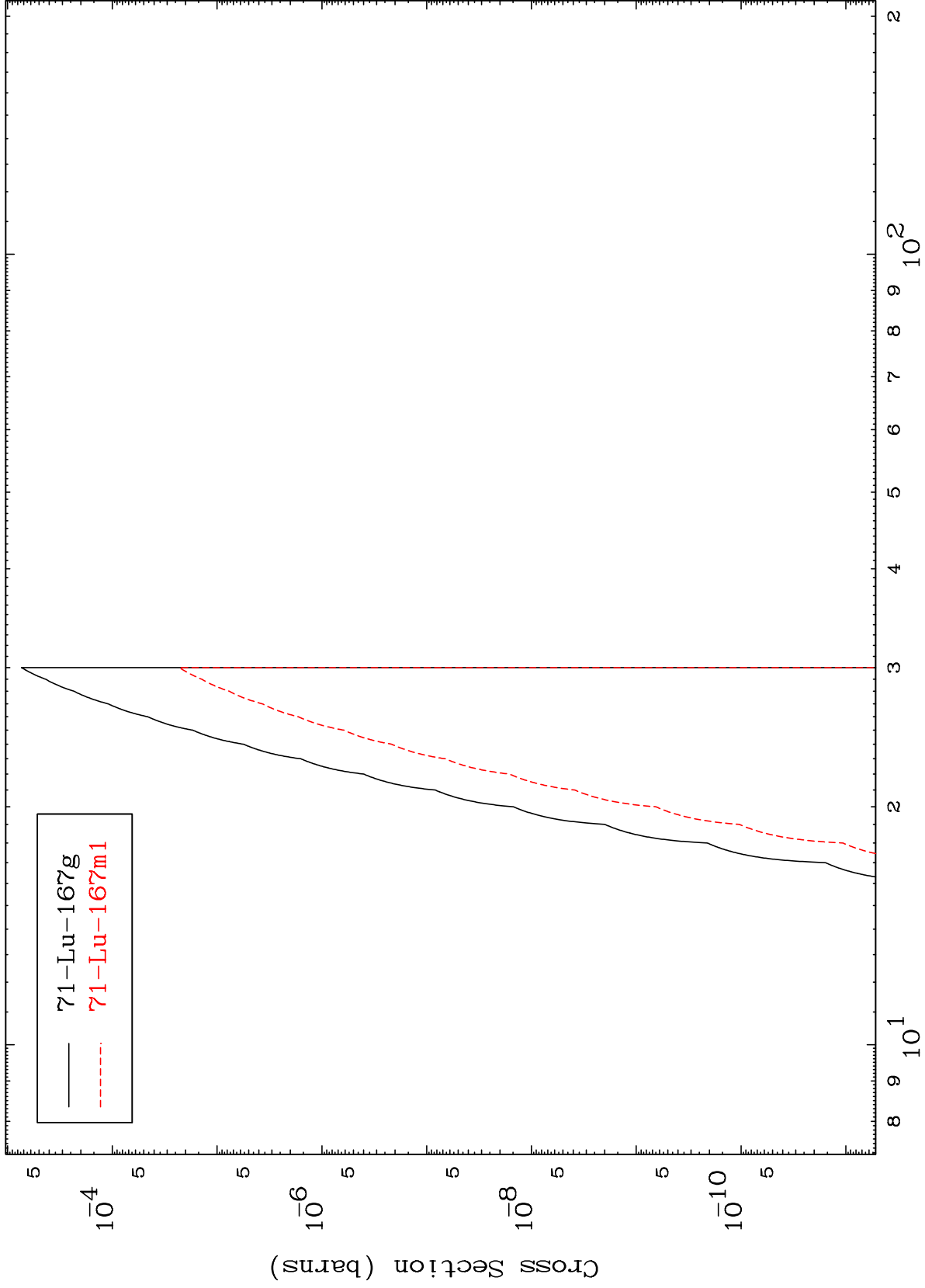


MAT 7295

(n,n') He-3

73-Ta-170

Radionuclide Production Cross Section



124

Incident Energy (MeV)

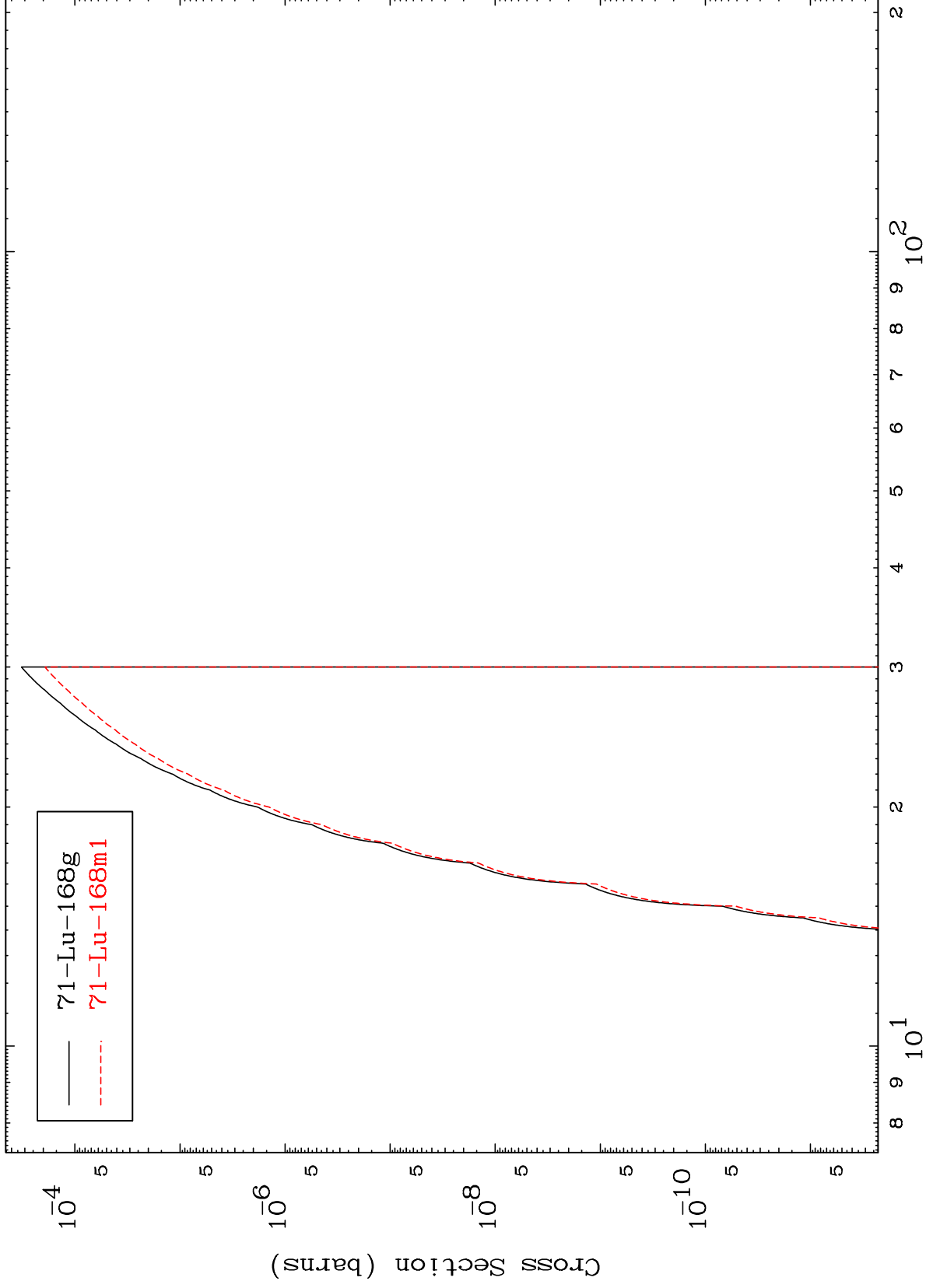
73-Ta-170

MAT 7295

(n,2n) p

73-Ta-170

Radionuclide Production Cross Section



125

Incident Energy (MeV)

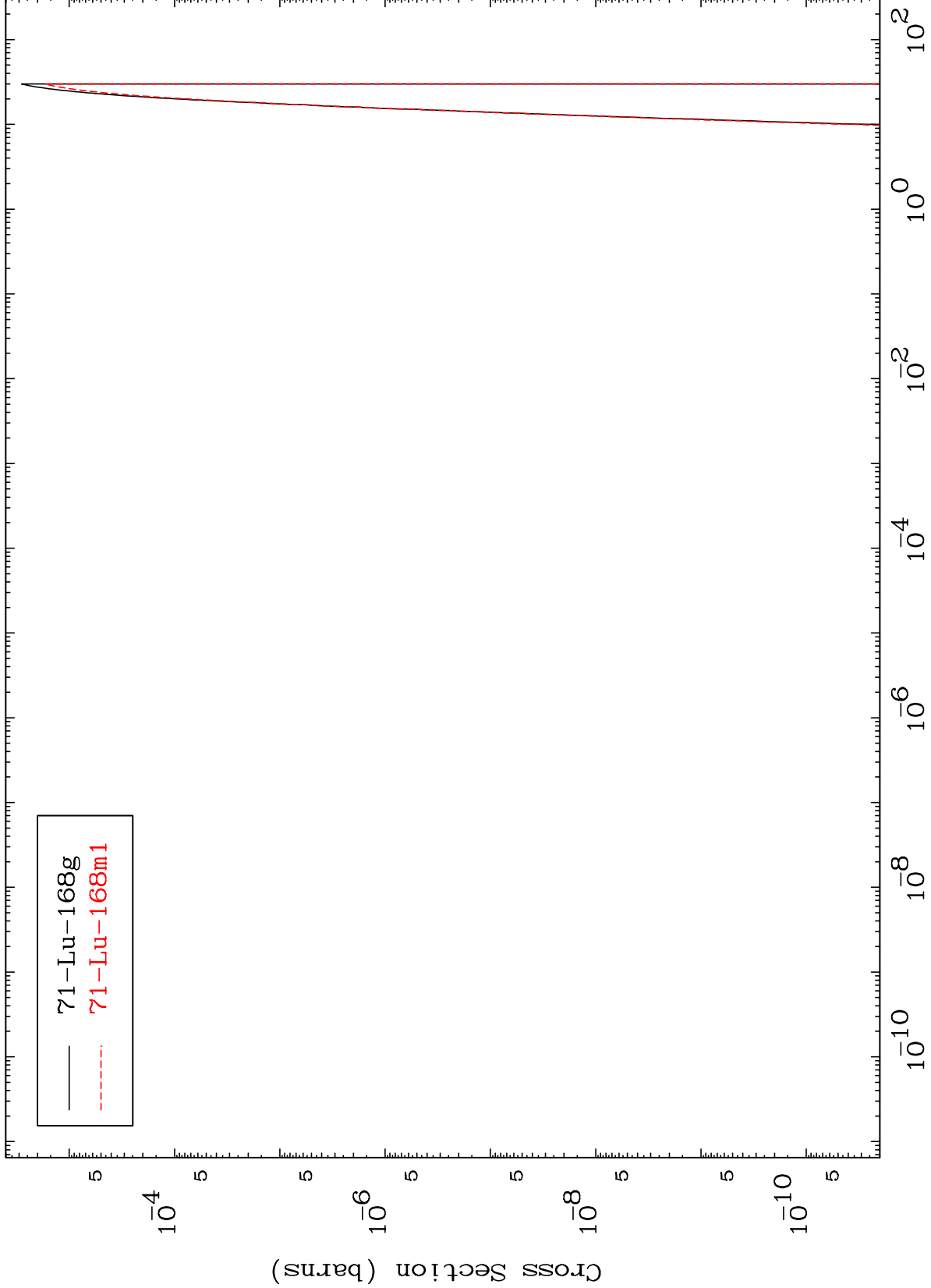
73-Ta-170

MAT 7295

(n,He-3)

73-Ta-170

Radionuclide Production Cross Section



— 71-Lu-168g
- - - 71-Lu-168m1

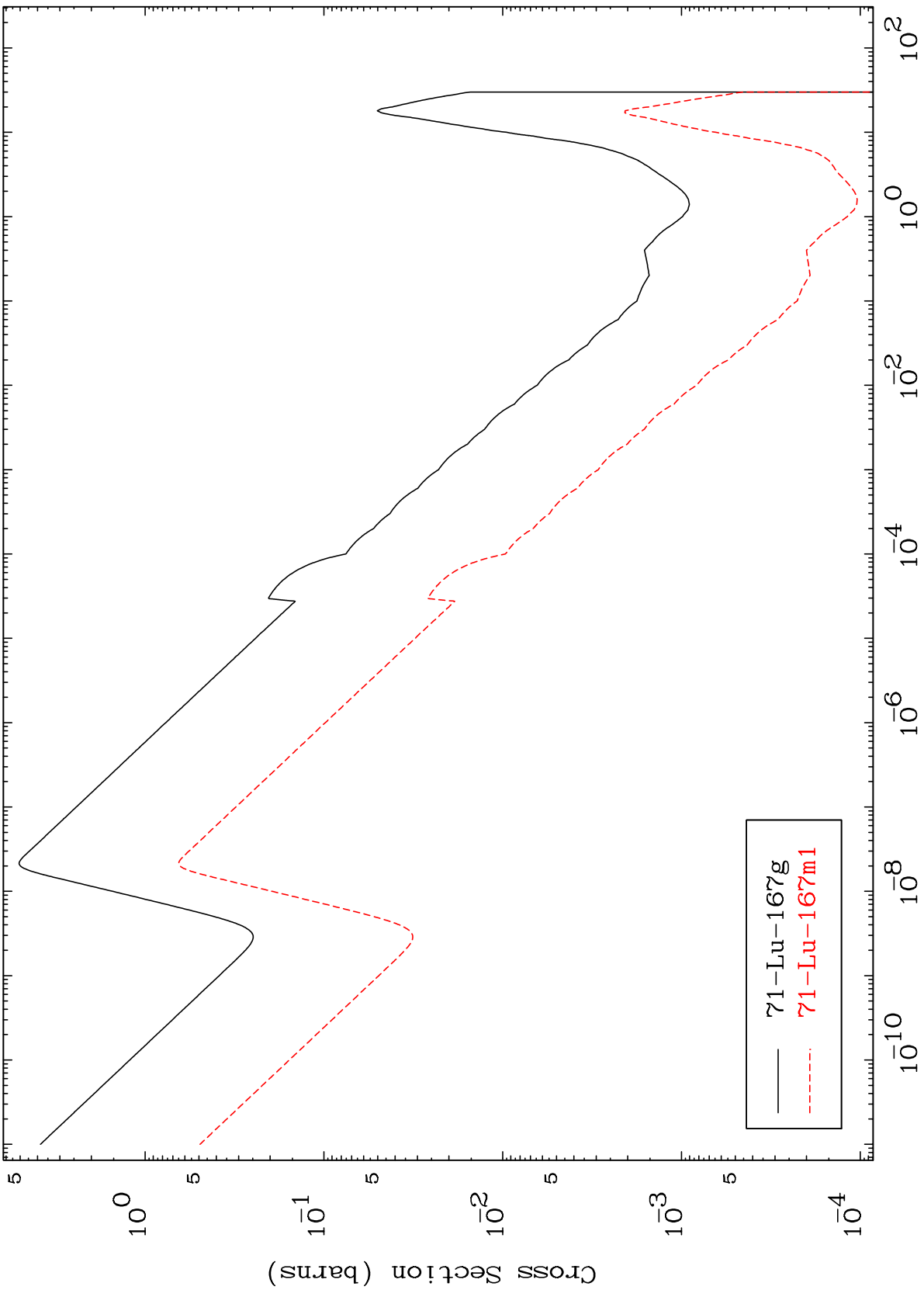
73-Ta-170

MAT 7295

73-Ta-170

Radionuclide Production Cross Section

(n, α)

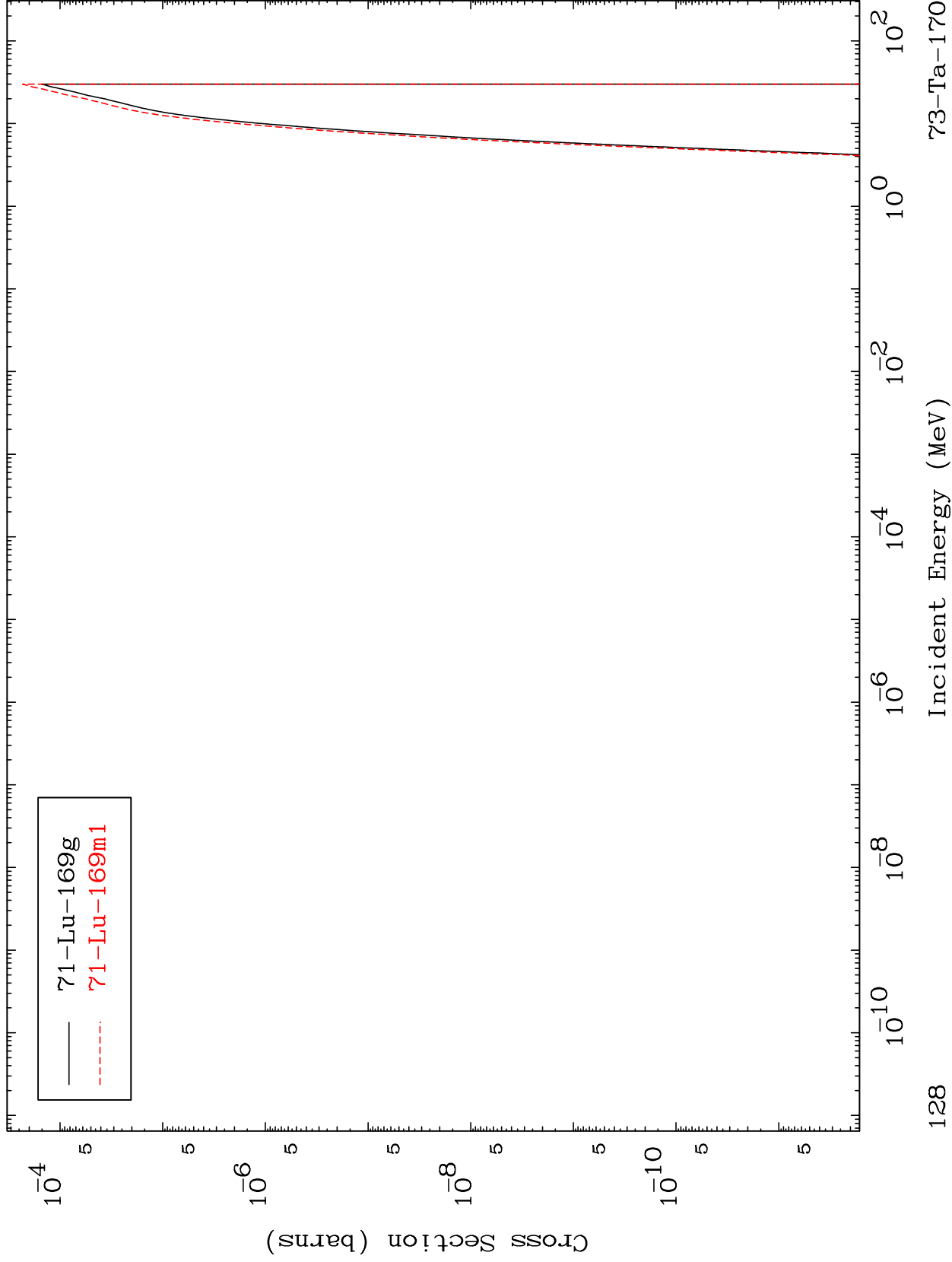


MAT 7295

(n,2p)

⁷³Ta-170

Radionuclide Production Cross Section

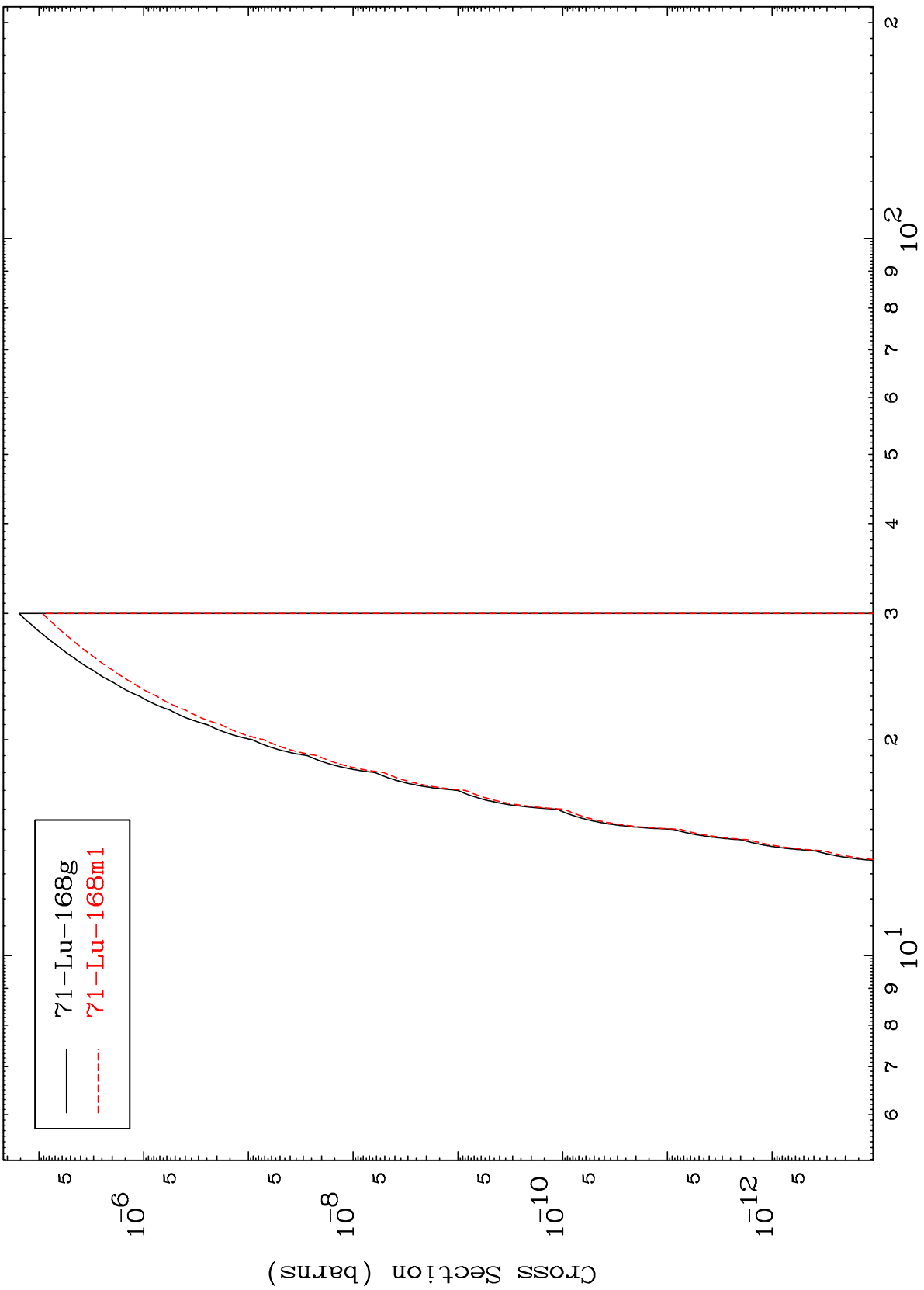


MAT 7295

(n,p) d

73-Ta-170

Radionuclide Production Cross Section



71-Lu-168g
71-Lu-168m1

129

Incident Energy (MeV)

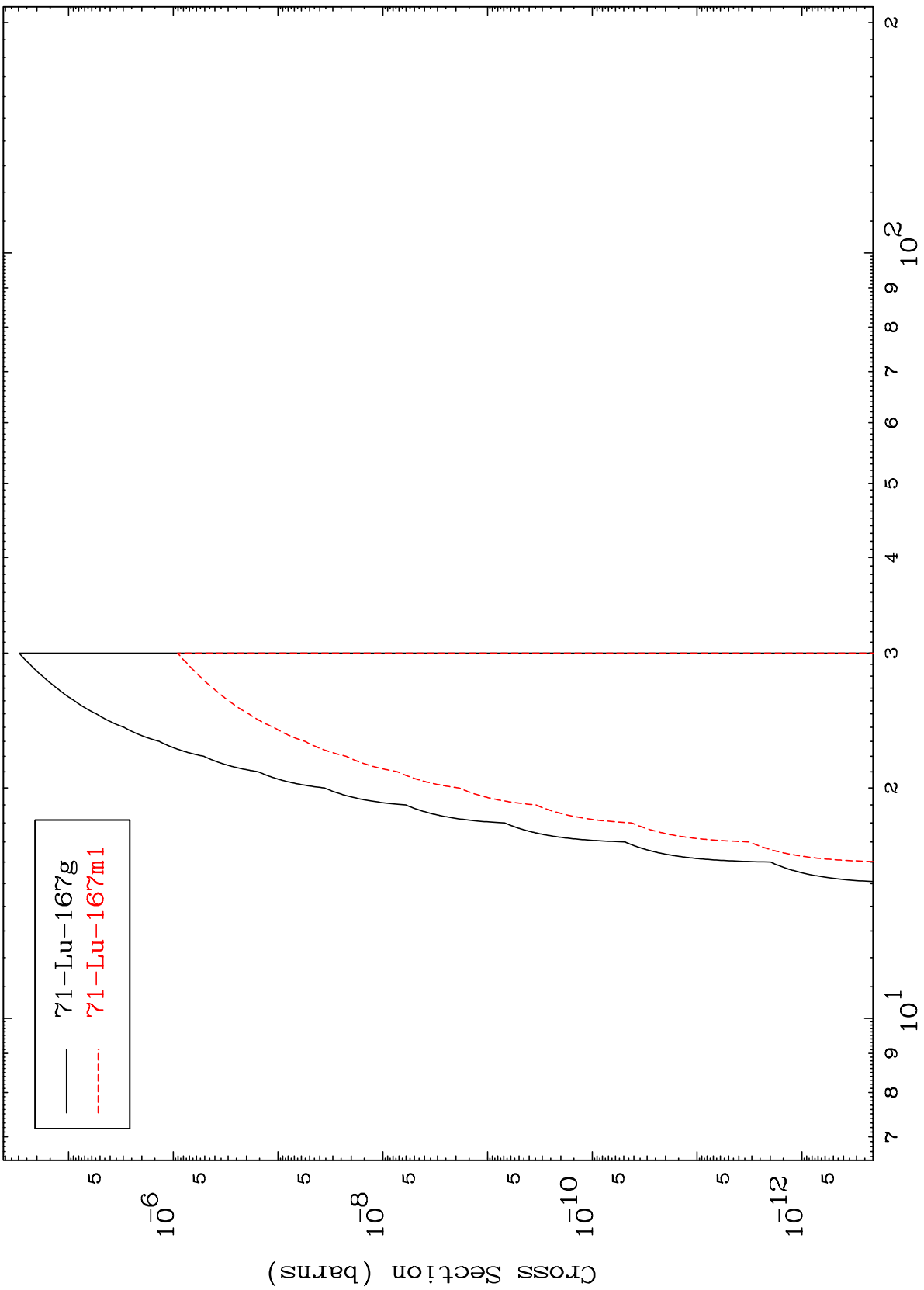
73-Ta-170

MAT 7295

(n,p) t

⁷³Ta-170

Radionuclide Production Cross Section



130

Incident Energy (MeV)

⁷³Ta-170