

Program EVALPLOT
(Version 2015-2)

by

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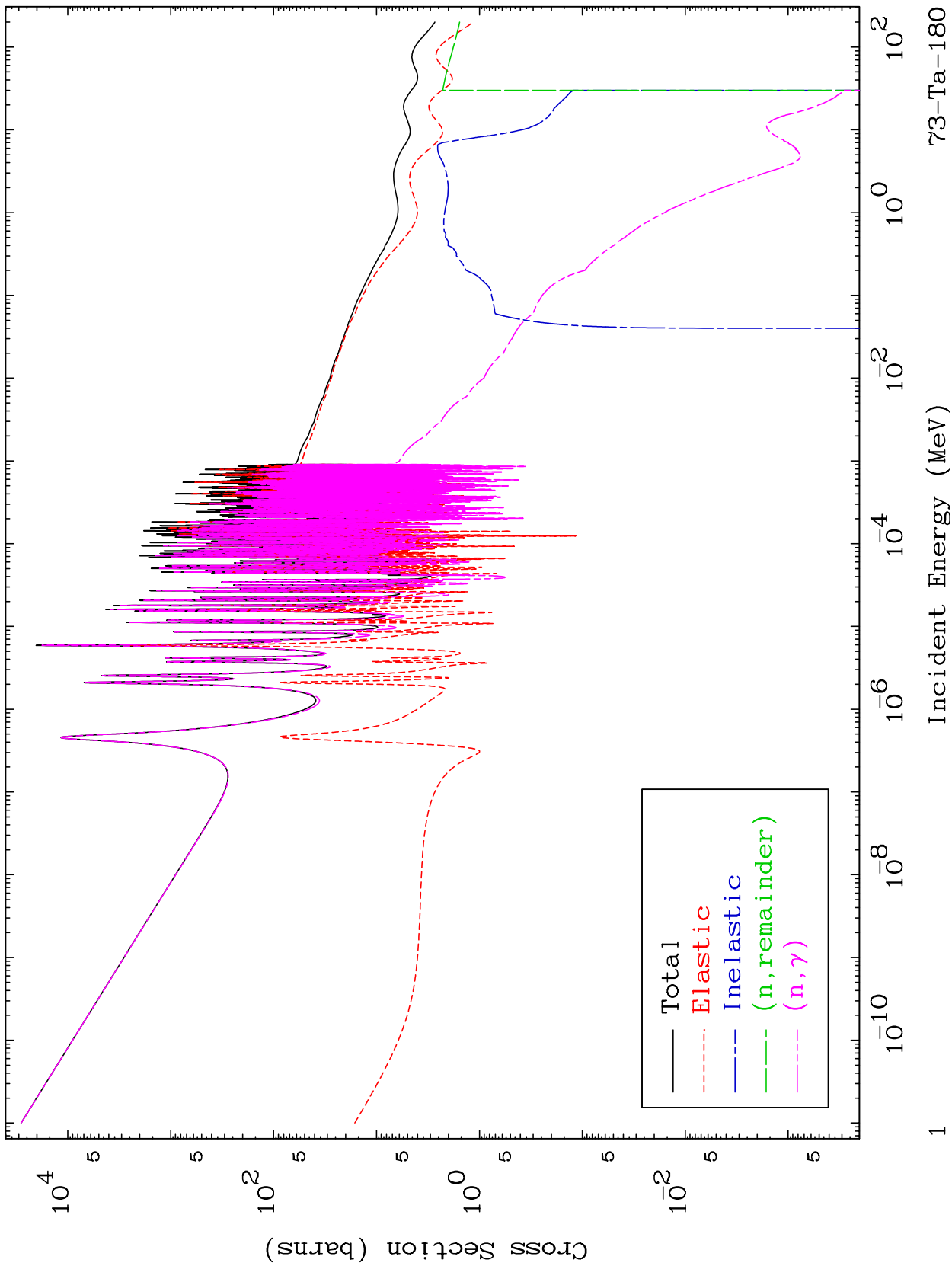
Press Mouse Button to Start

MAT 7325

Major

293 Kelvin Cross Sections

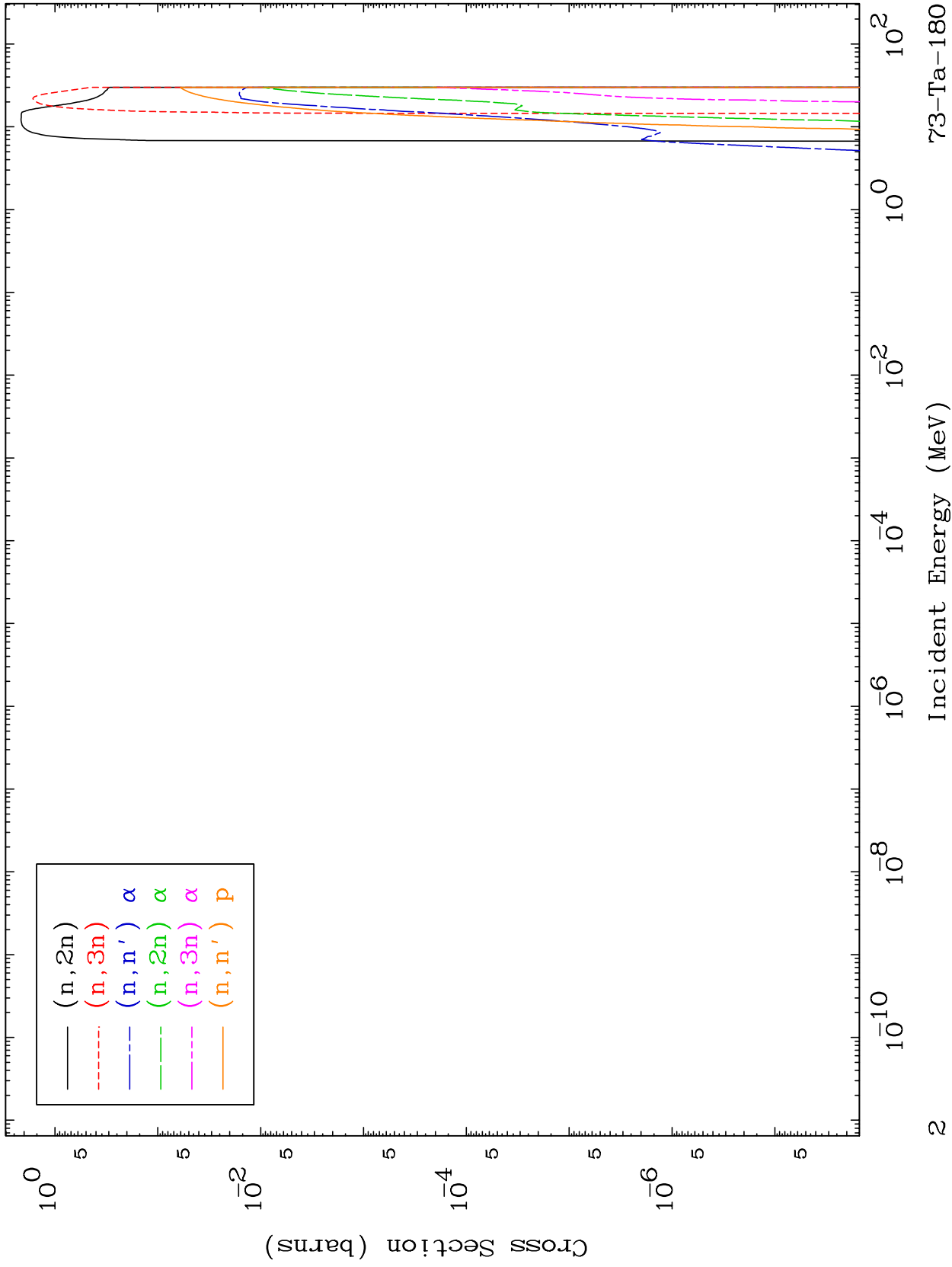
73-Ta-180



MAT 7325

Neutron Production
293 Kelvin Cross Sections

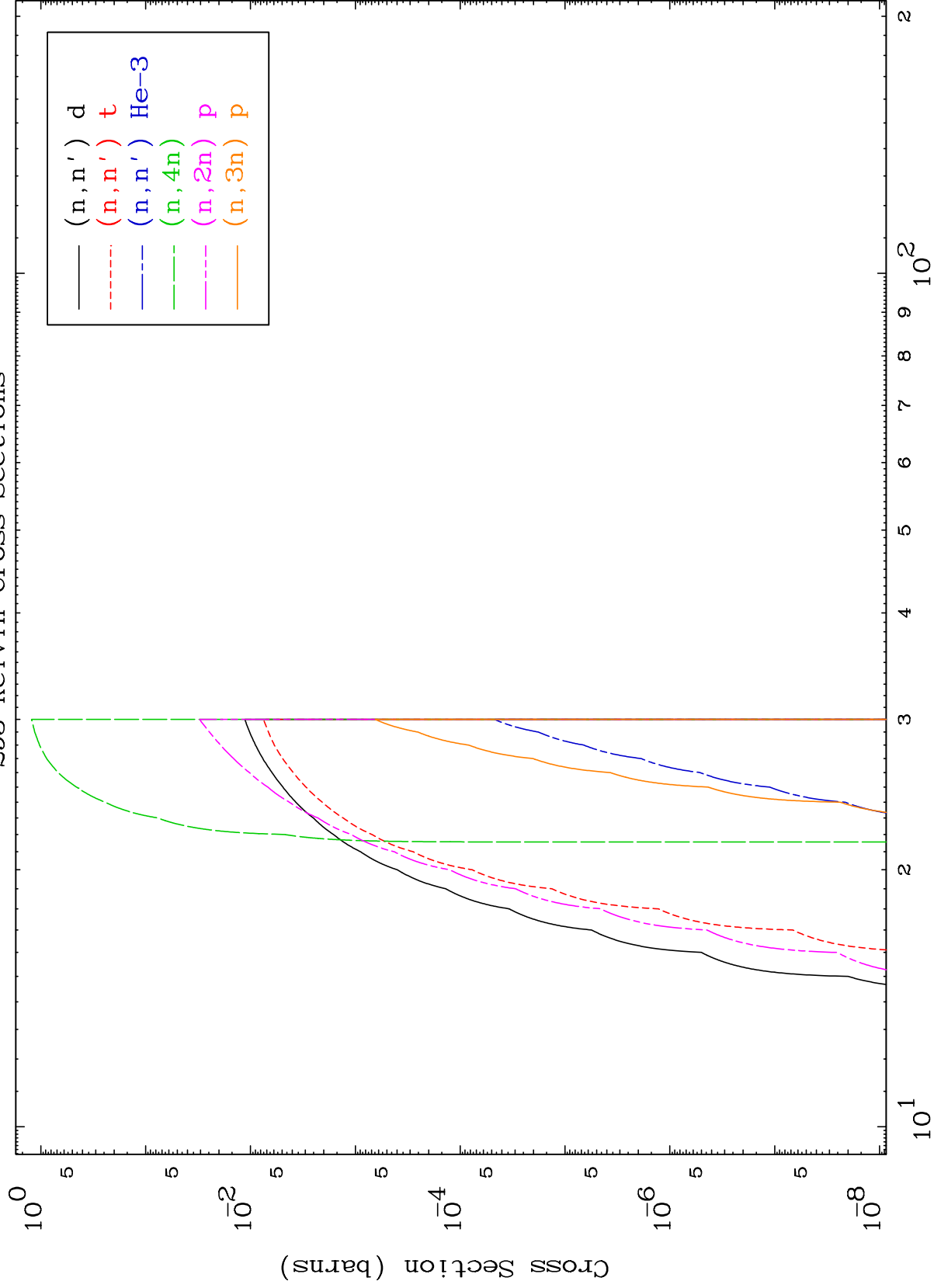
73-Ta-180



MAT 7325

Neutron Production
293 Kelvin Cross Sections

73-Ta-180



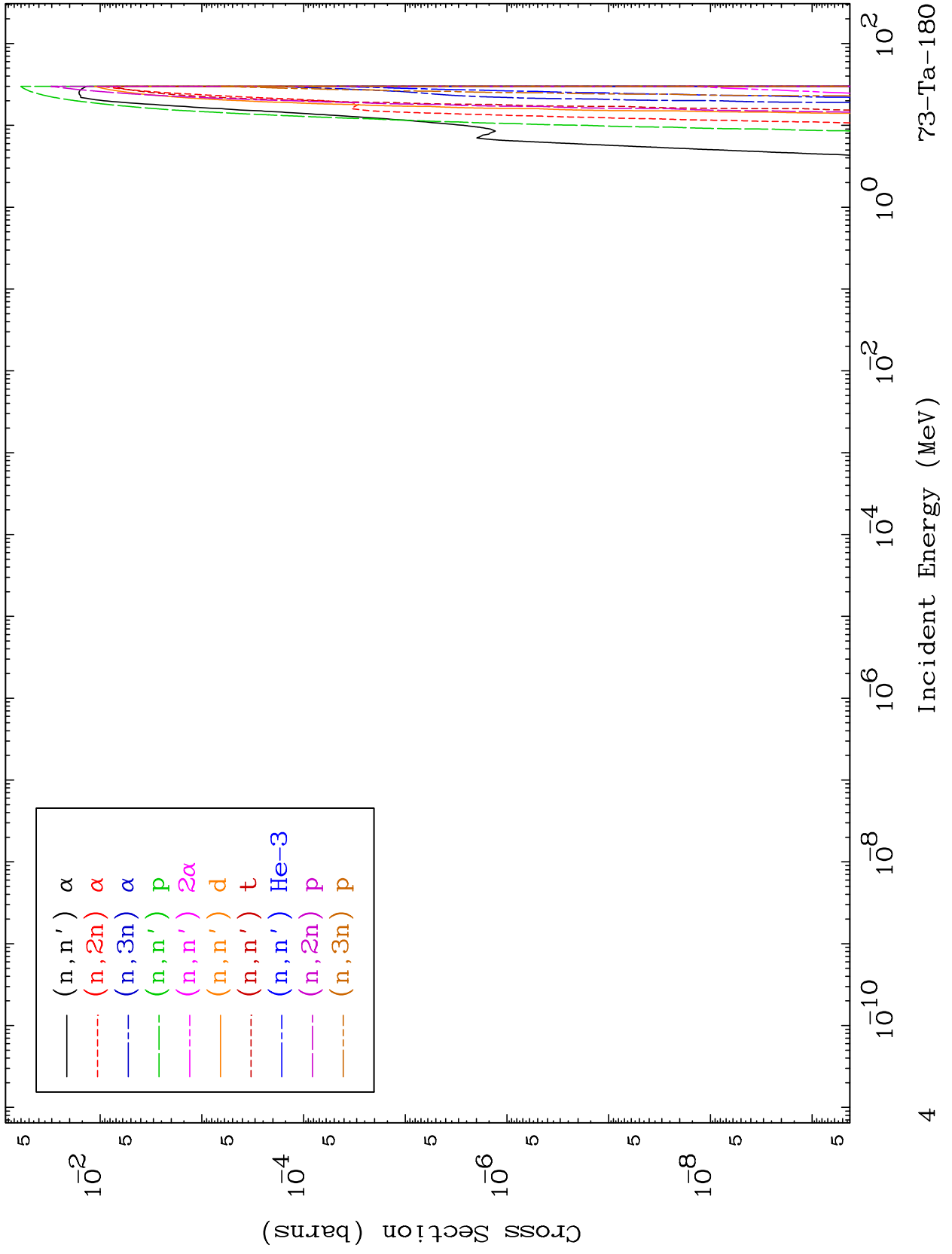
Incident Energy (MeV)

73-Ta-180

MAT 7325

Charged Particle
293 Kelvin Cross Sections

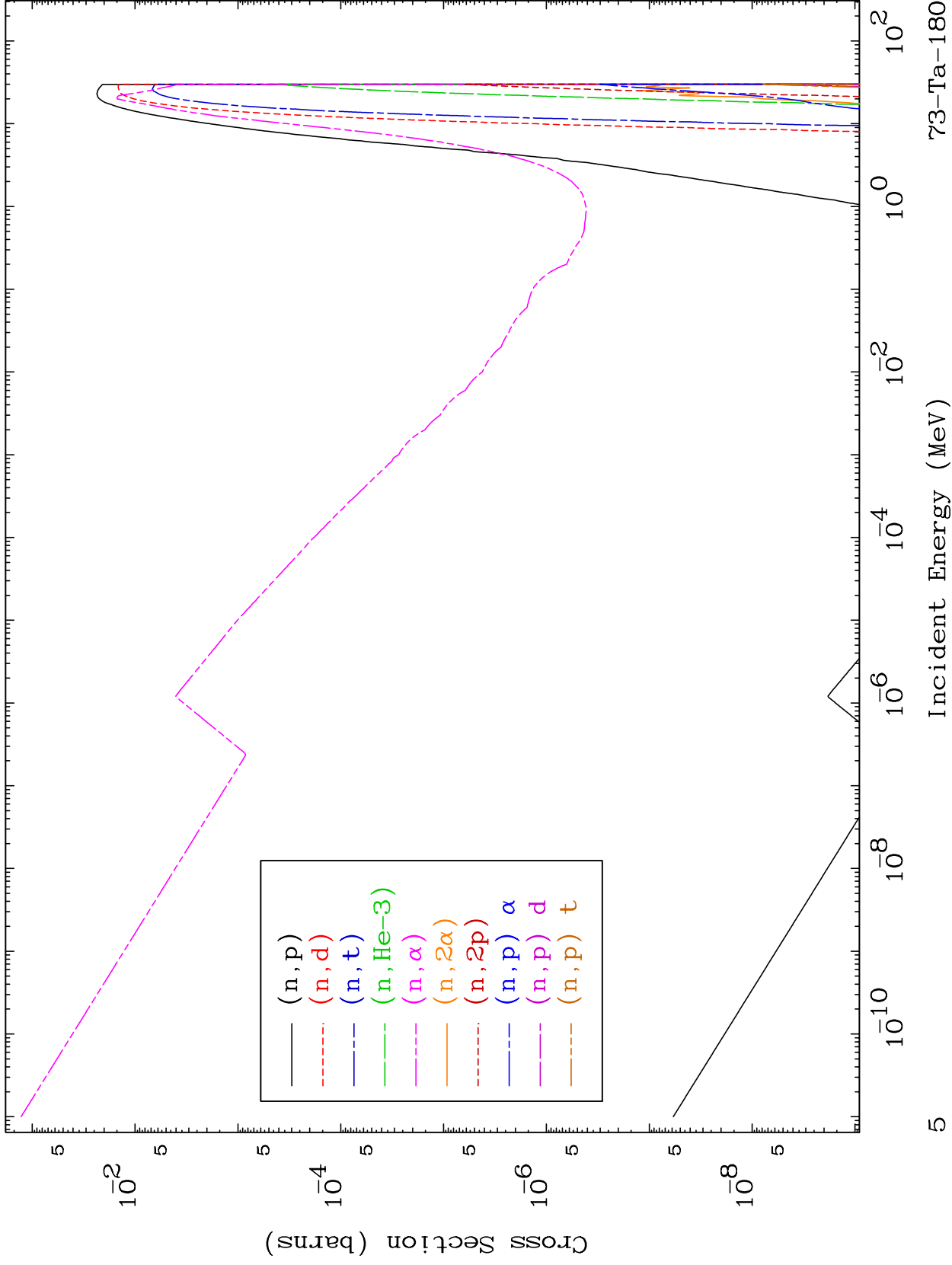
73-Ta-180



MAT 7325

Charged Particle
293 Kelvin Cross Sections

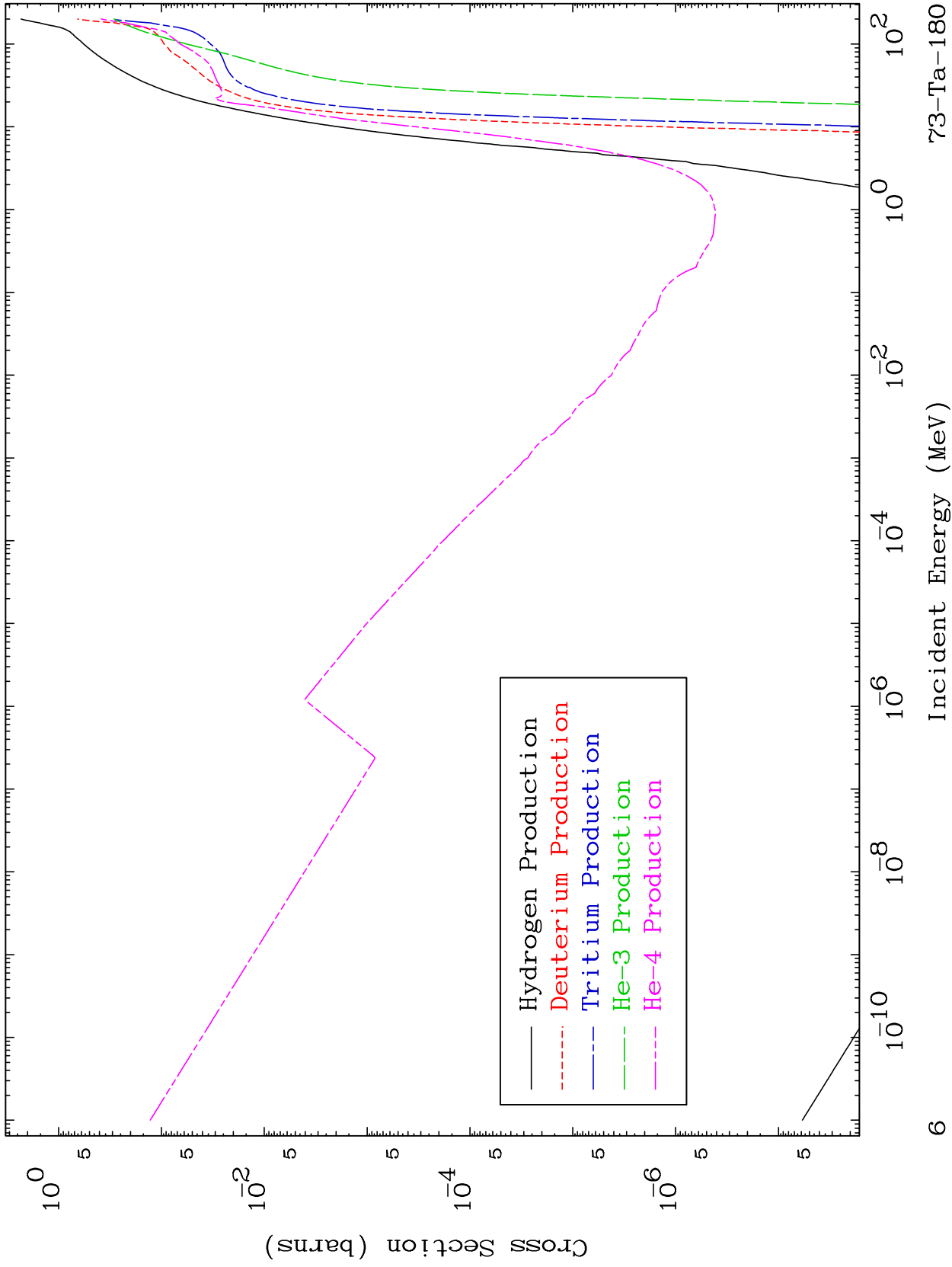
73-Ta-180



MAT 7325

Particle Production
293 Kelvin Cross Sections

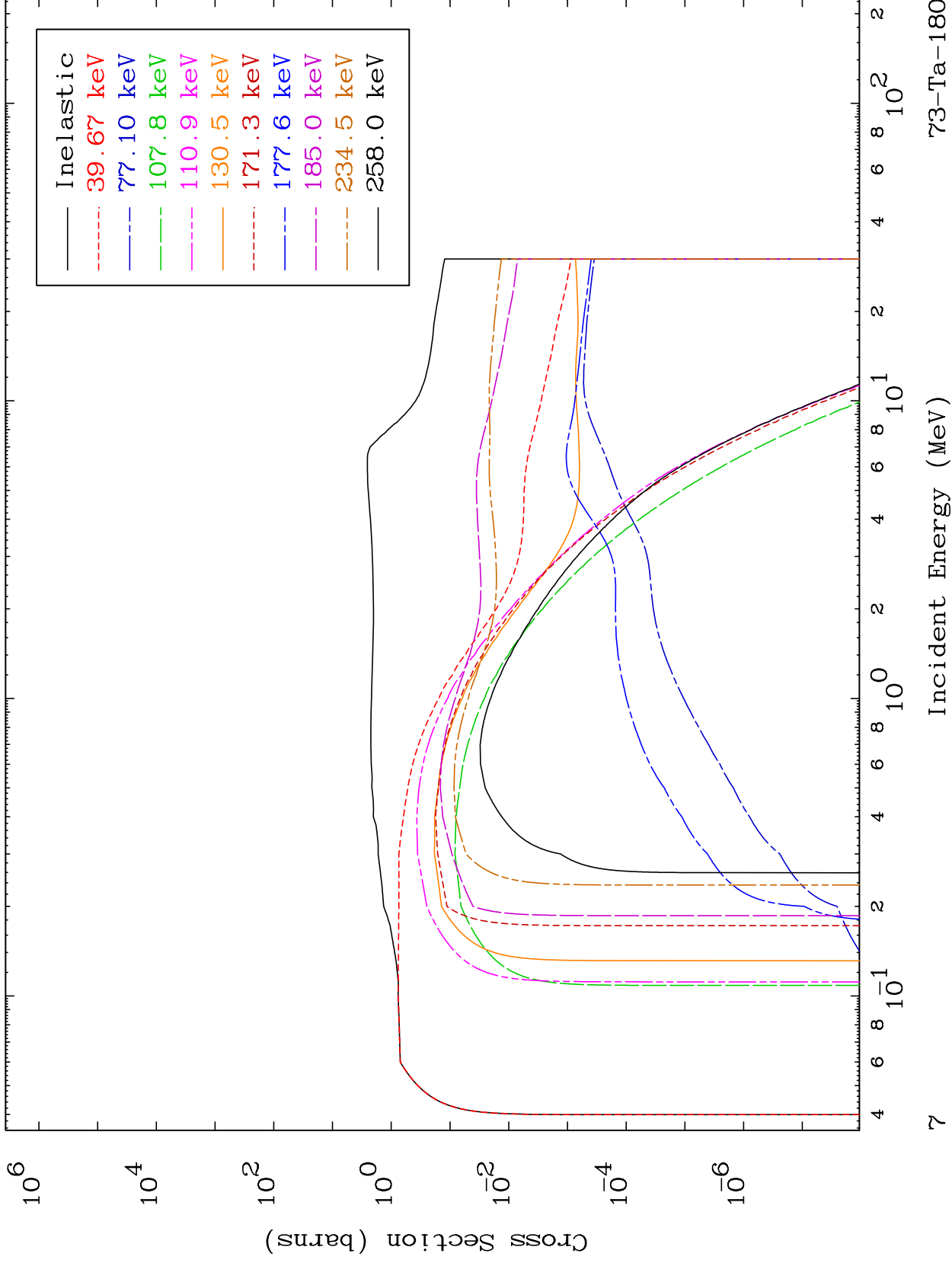
73-Ta-180



MAT 7325

(n,n') Level
293 Kelvin Cross Sections

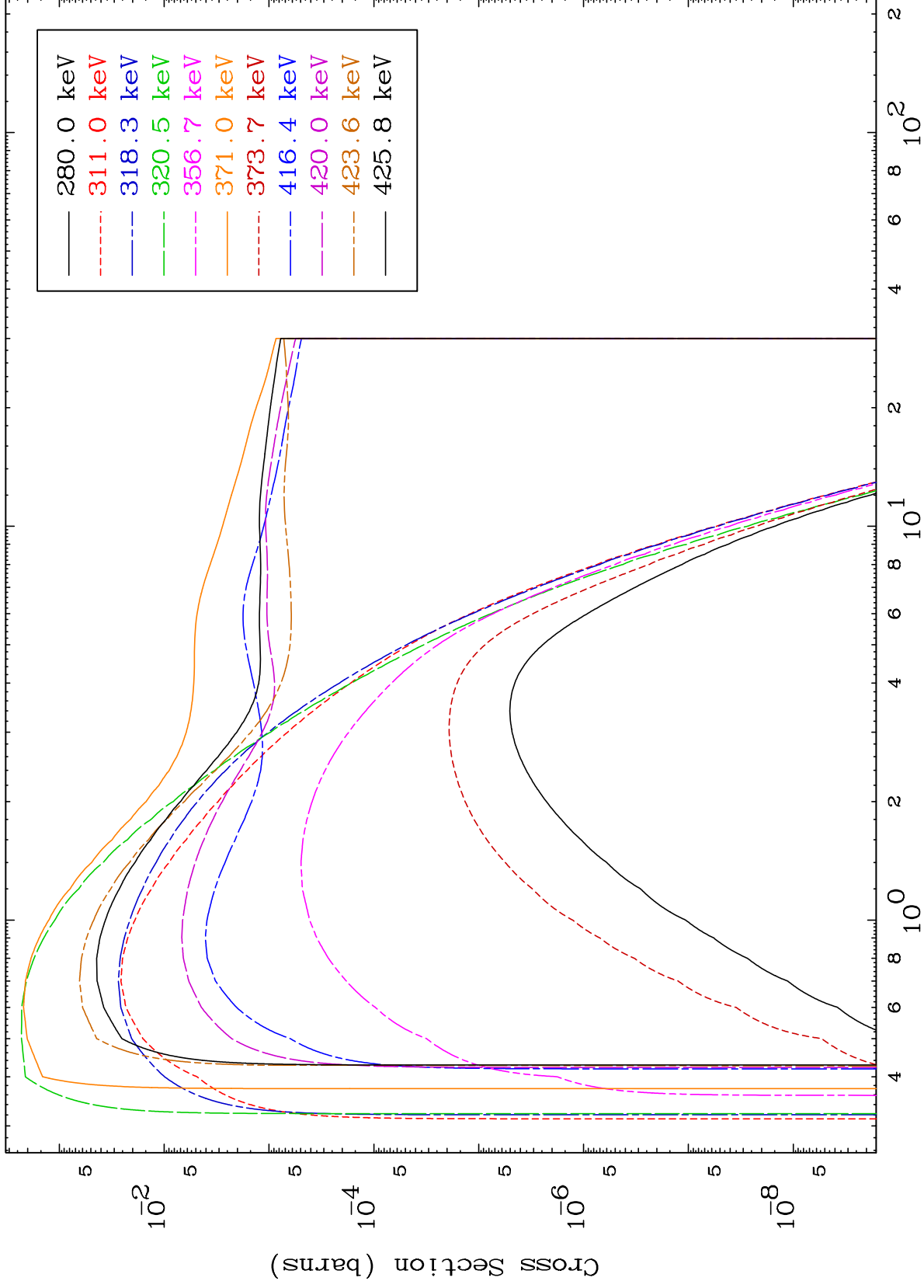
73-Ta-180



MAT 7325

(n,n') Level
293 Kelvin Cross Sections

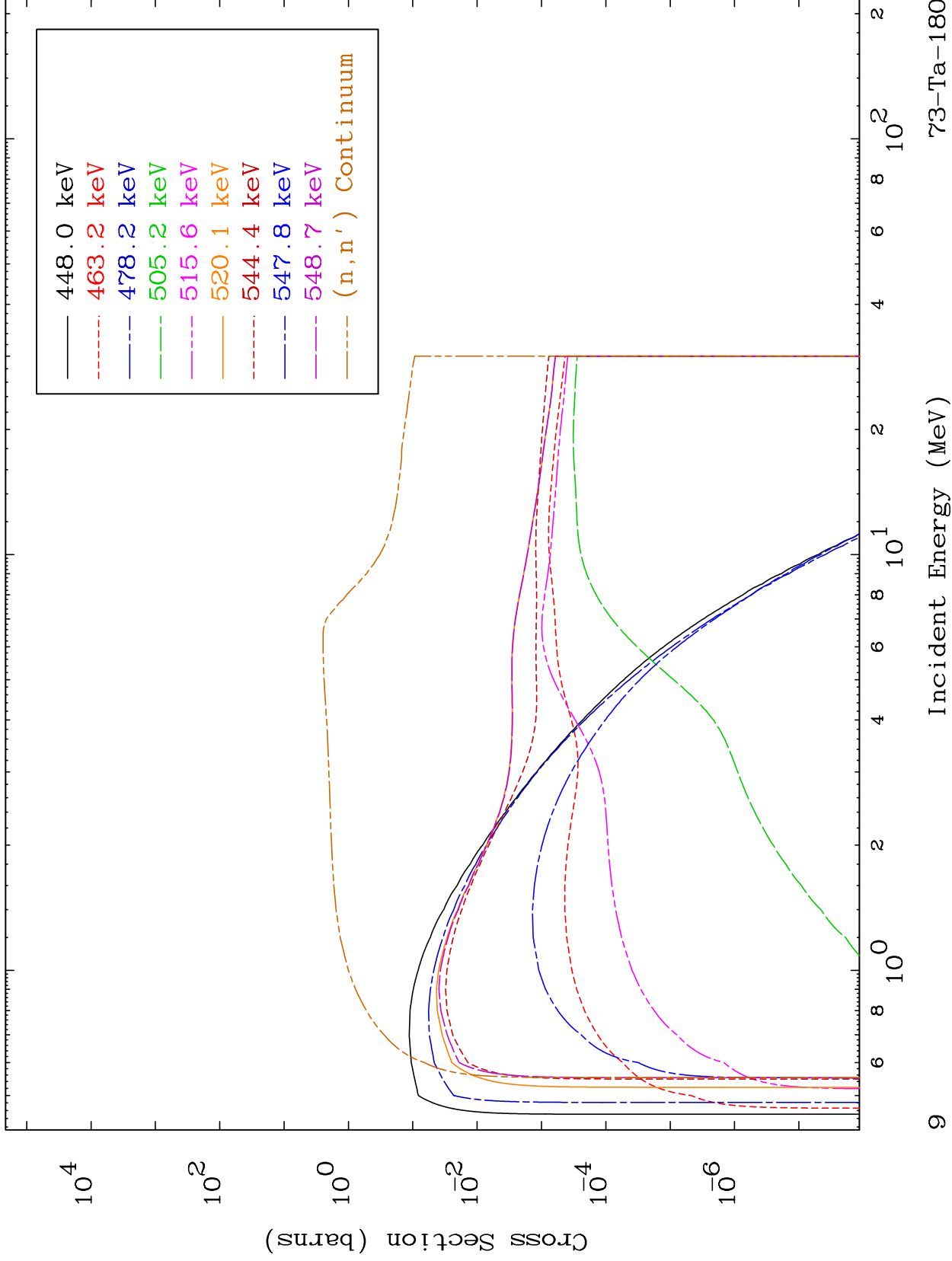
73-Ta-180



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Incident Energy (MeV)

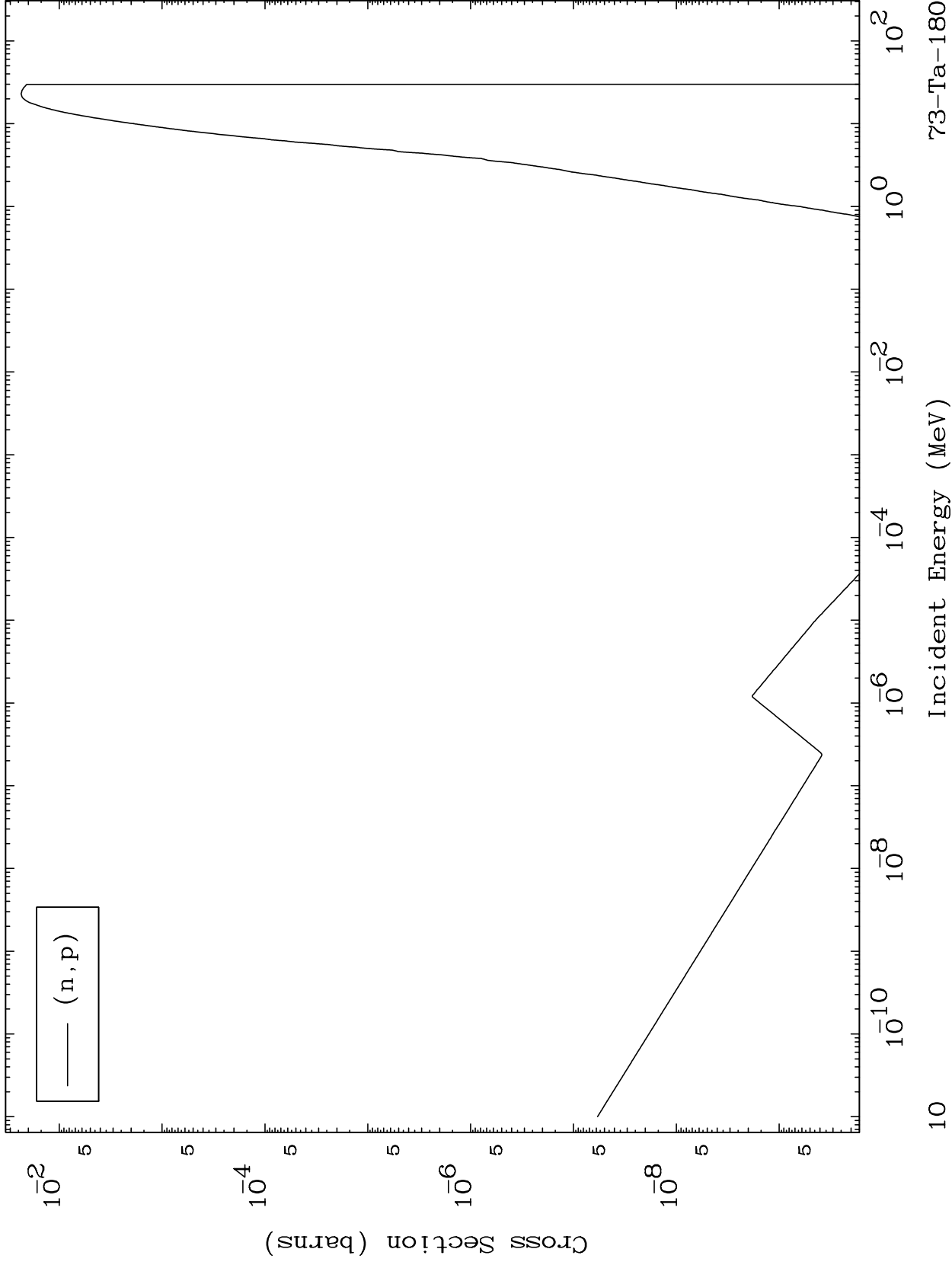
73-Ta-180



MAT 7325

(n,p) Levels
293 Kelvin Cross Sections

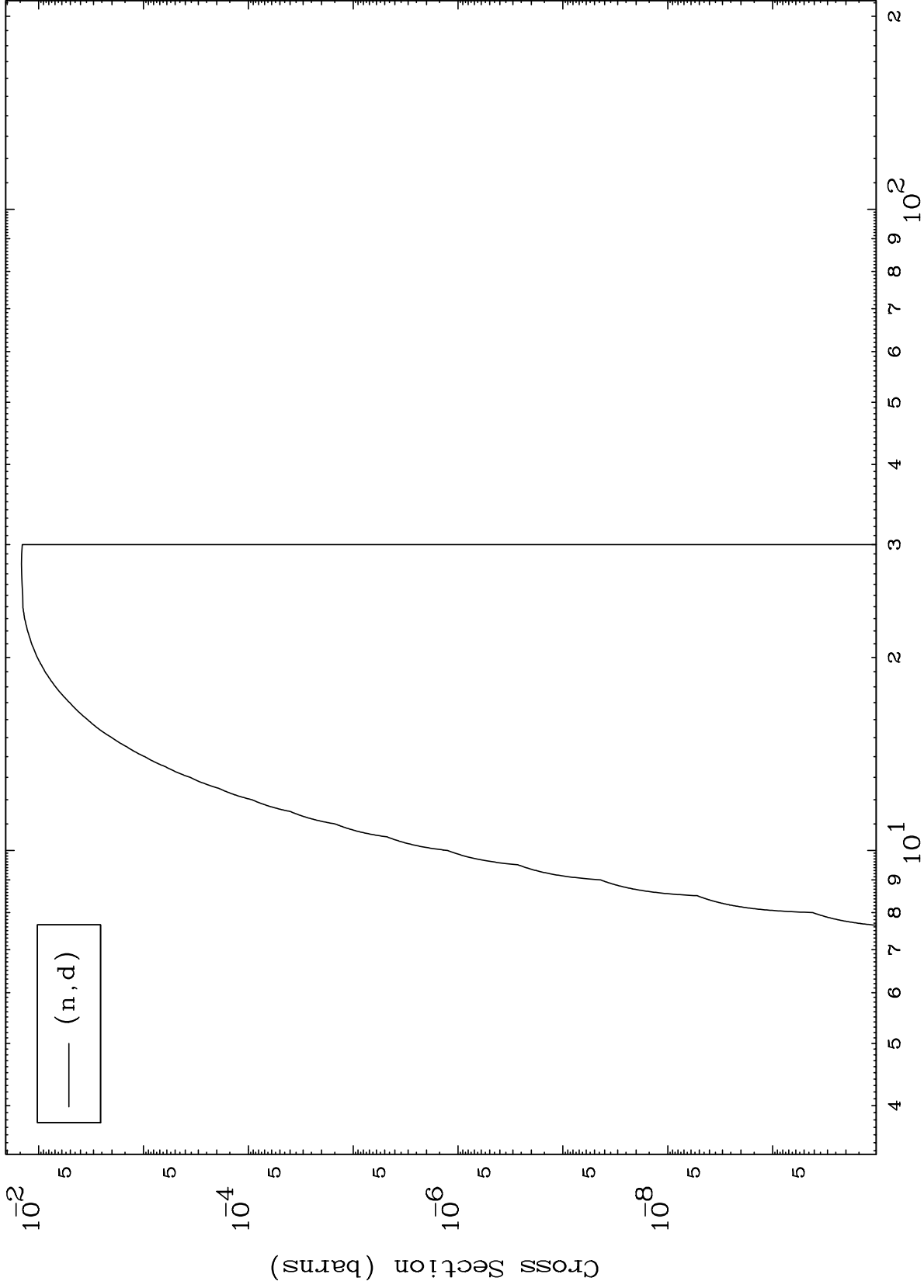
73-Ta-180



MAT 7325

(n,d) Levels
293 Kelvin Cross Sections

73-Ta-180



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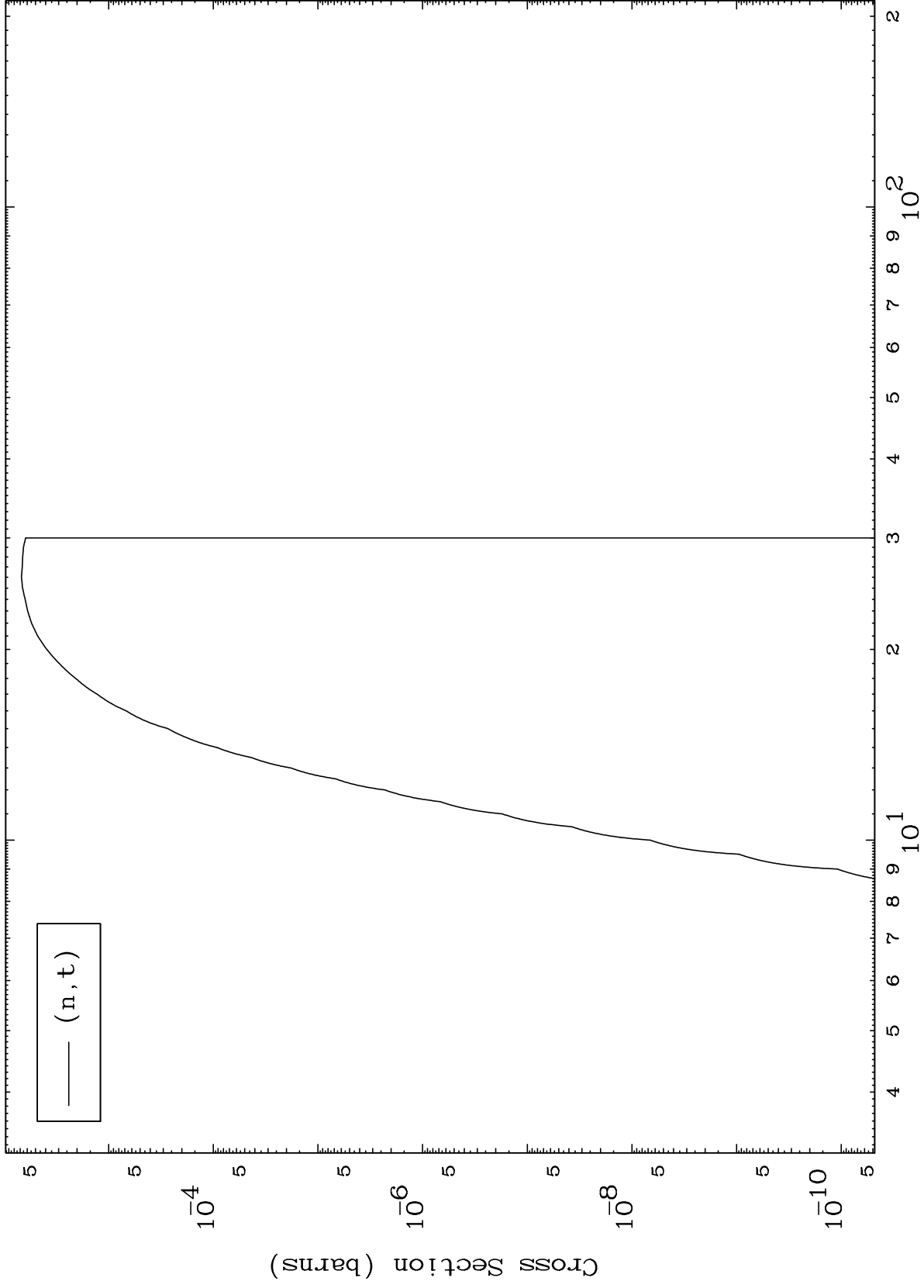
Incident Energy (MeV)

73-Ta-180

MAT 7325

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-180



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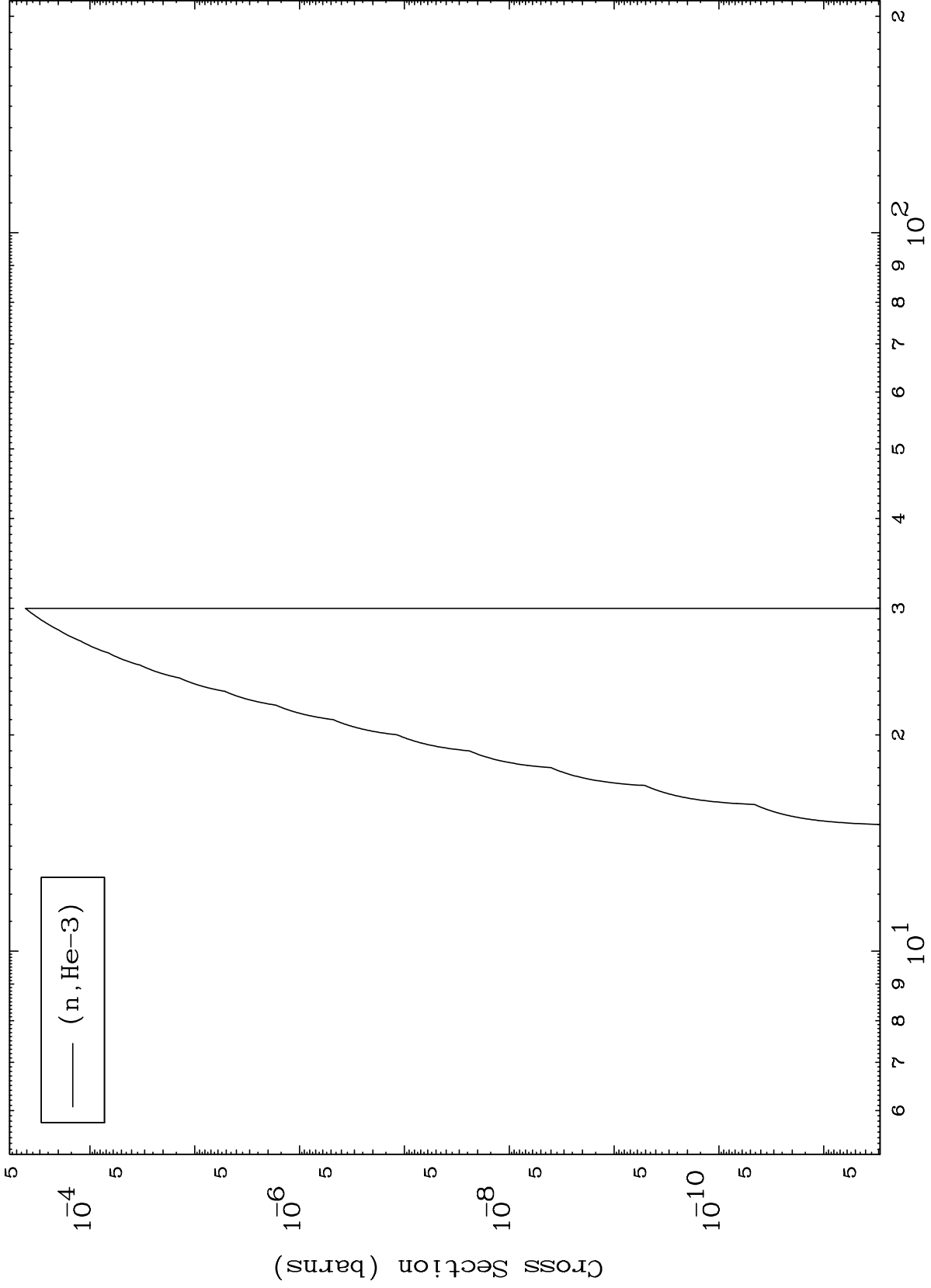
Incident Energy (MeV)

73-Ta-180

MAT 7325

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-180



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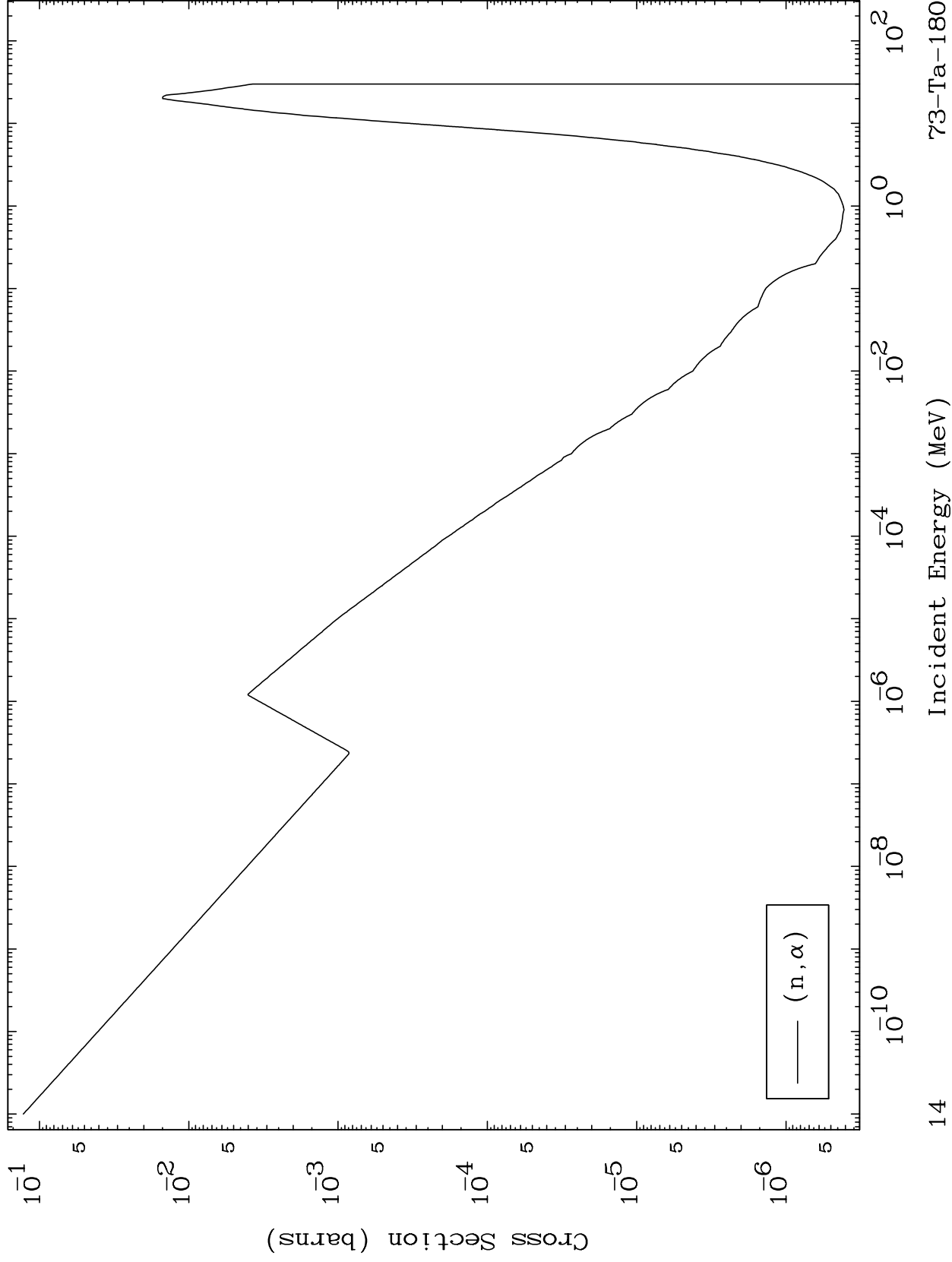
Incident Energy (MeV)

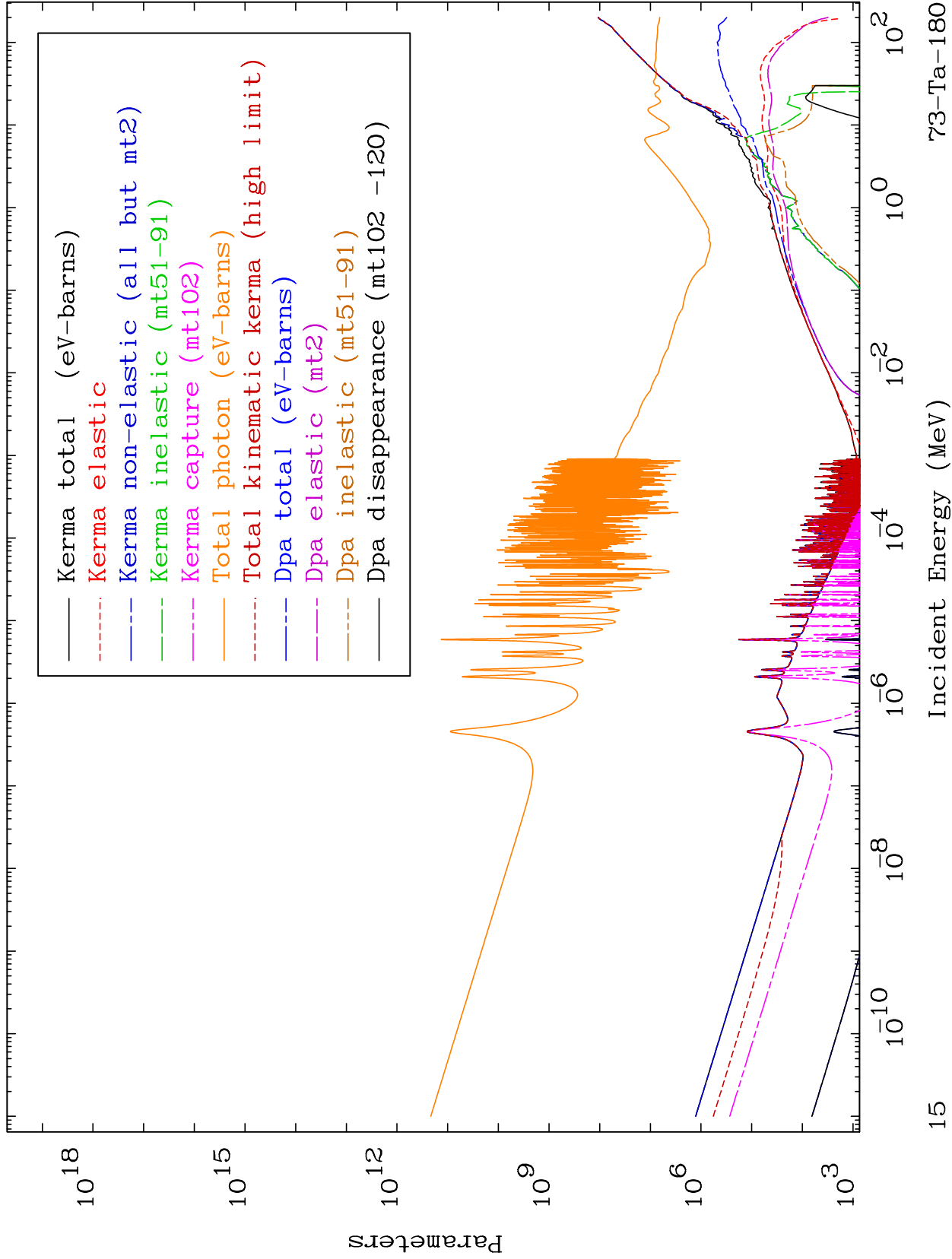
73-Ta-180

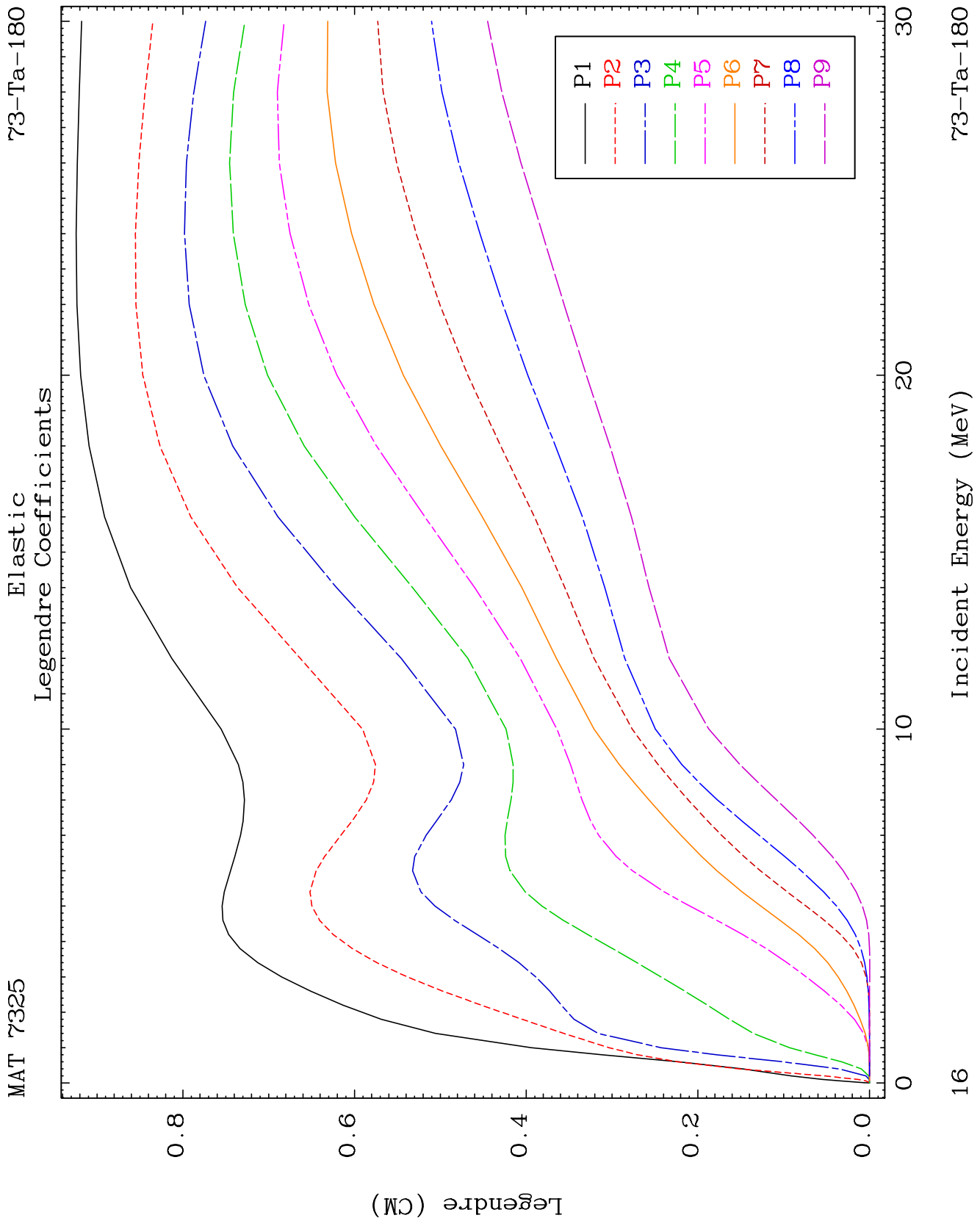
MAT 7325

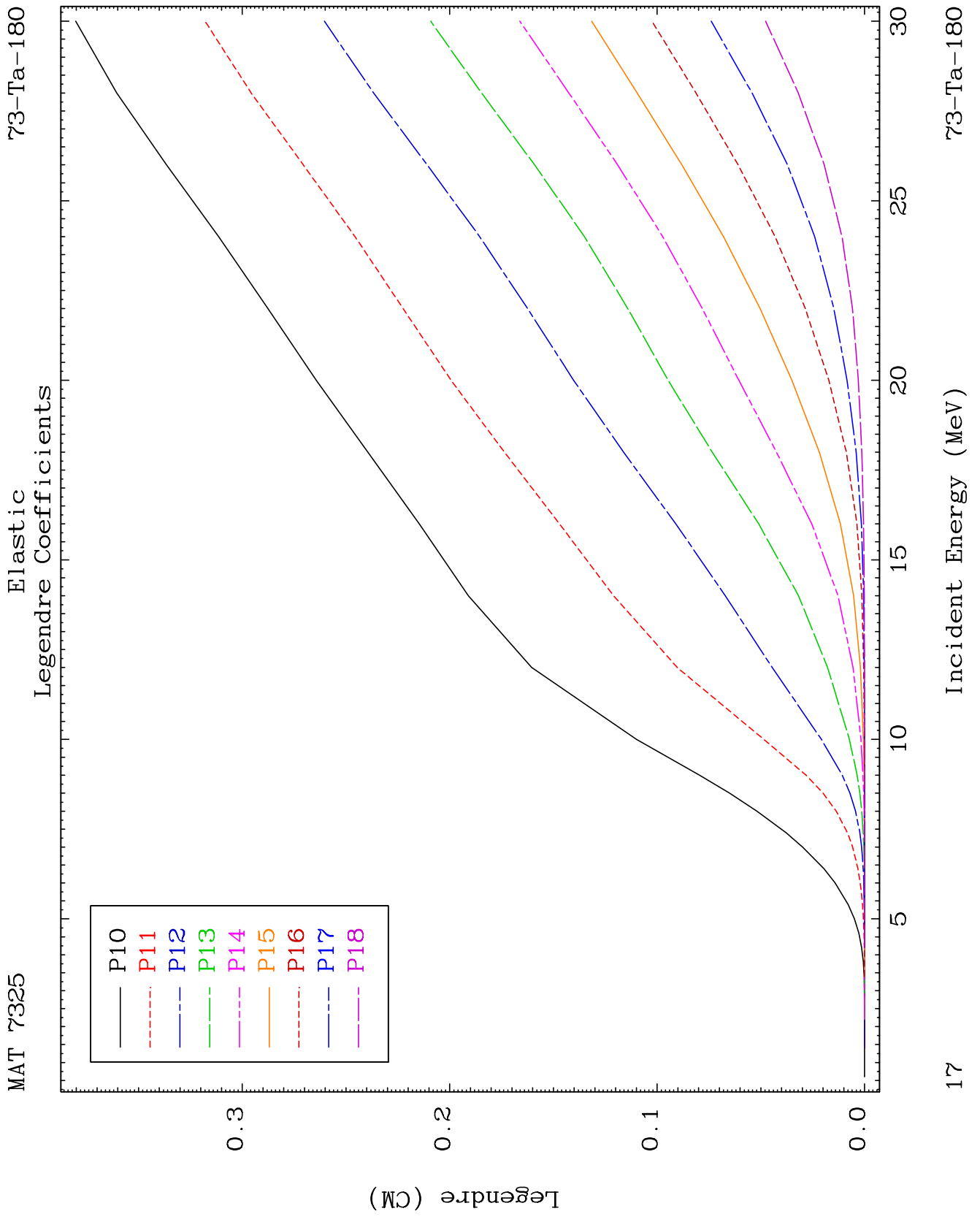
(n,α) Levels
293 Kelvin Cross Sections

73-Ta-180





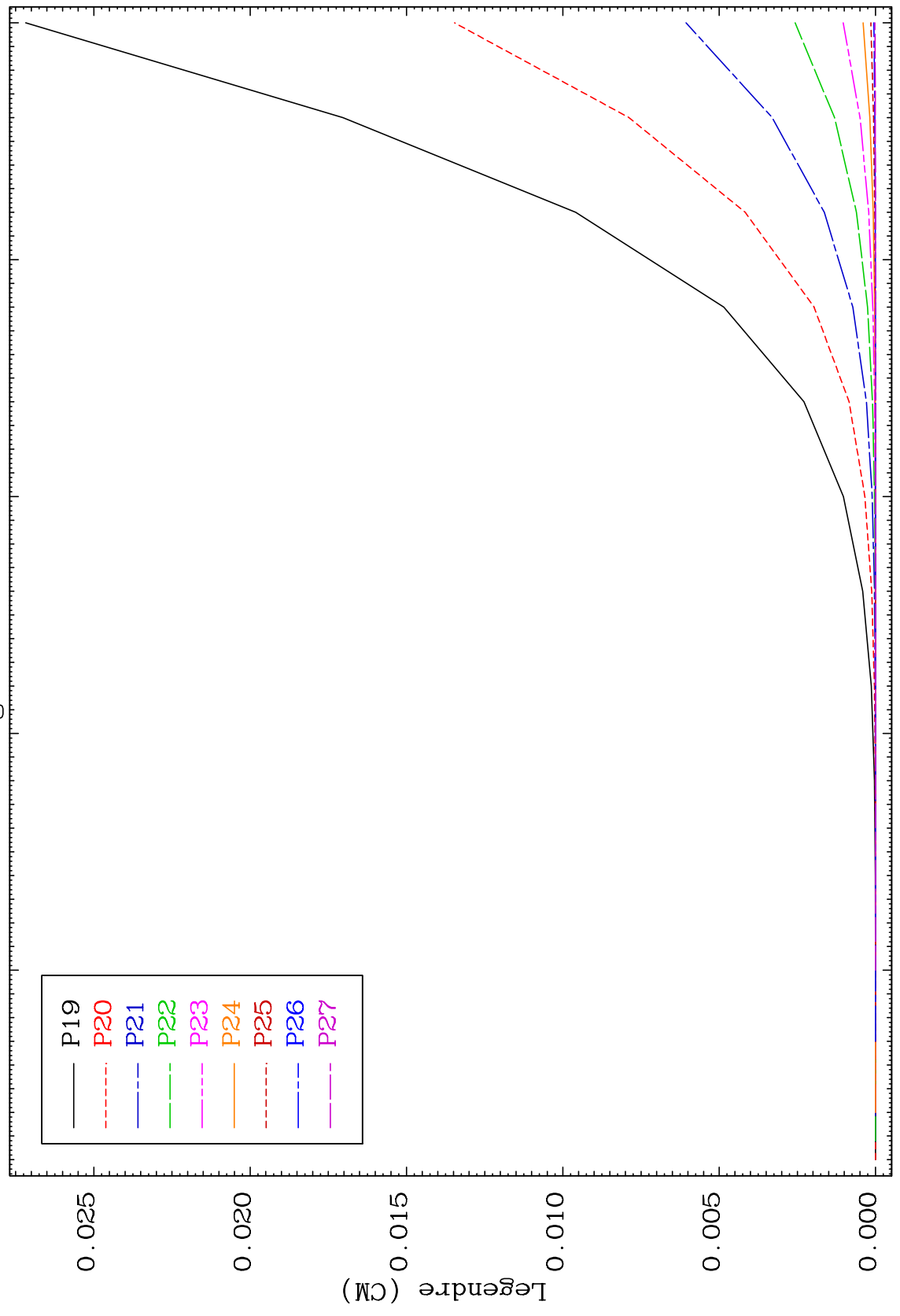




MAT 7325

Elastic Legendre Coefficients

73-Ta-180



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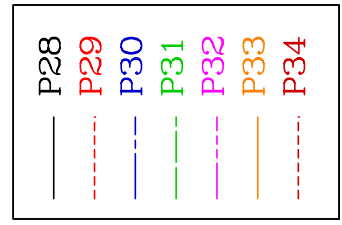
Incident Energy (MeV)

73-Ta-180

MAT 7325

Elastic Legendre Coefficients

73-Ta-180

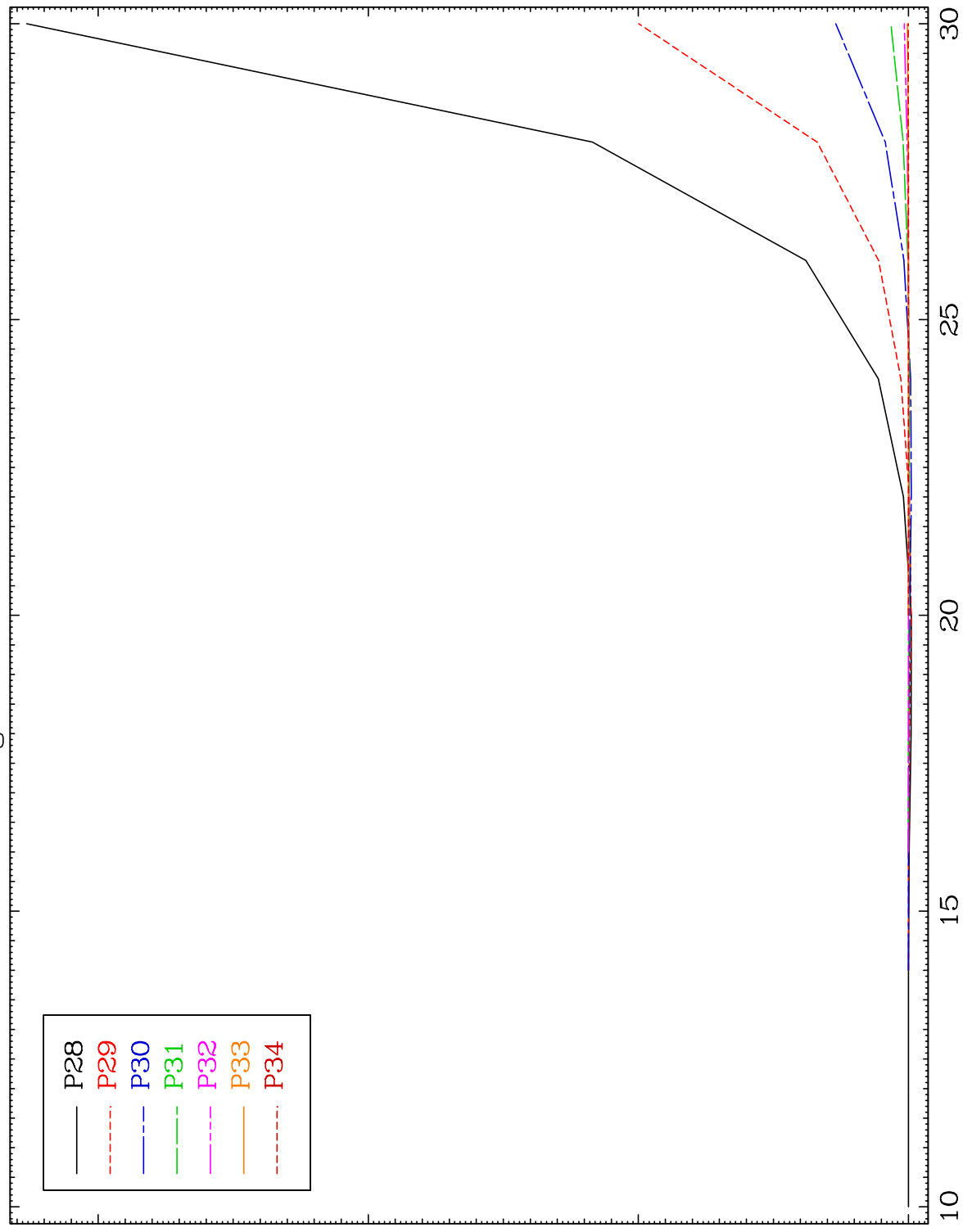


$\times 10^{-6}$

Legendre (CM)

Incident Energy (MeV)

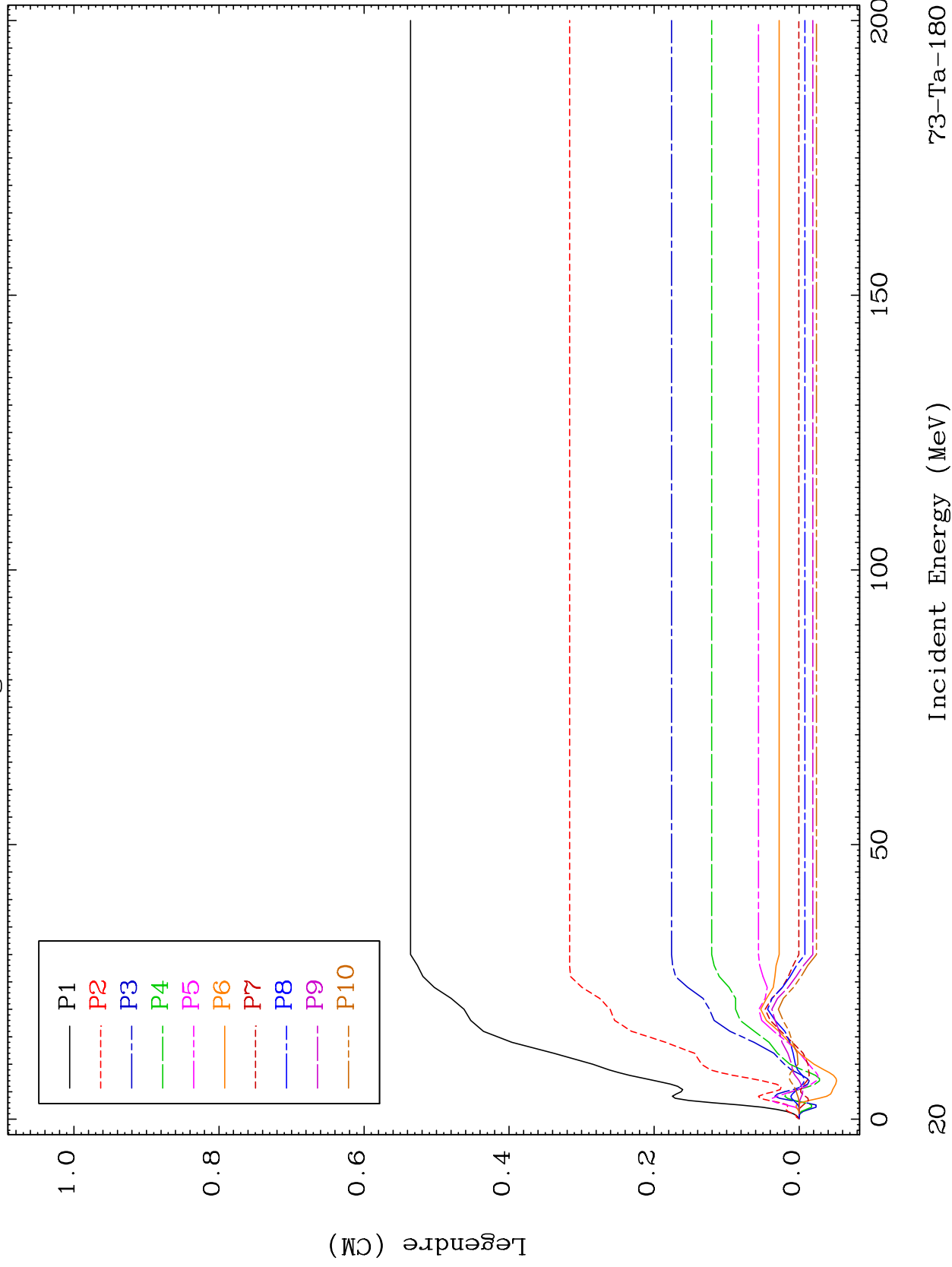
73-Ta-180



MAT 7325

39.67 keV (n, n') Level
Legendre Coefficients

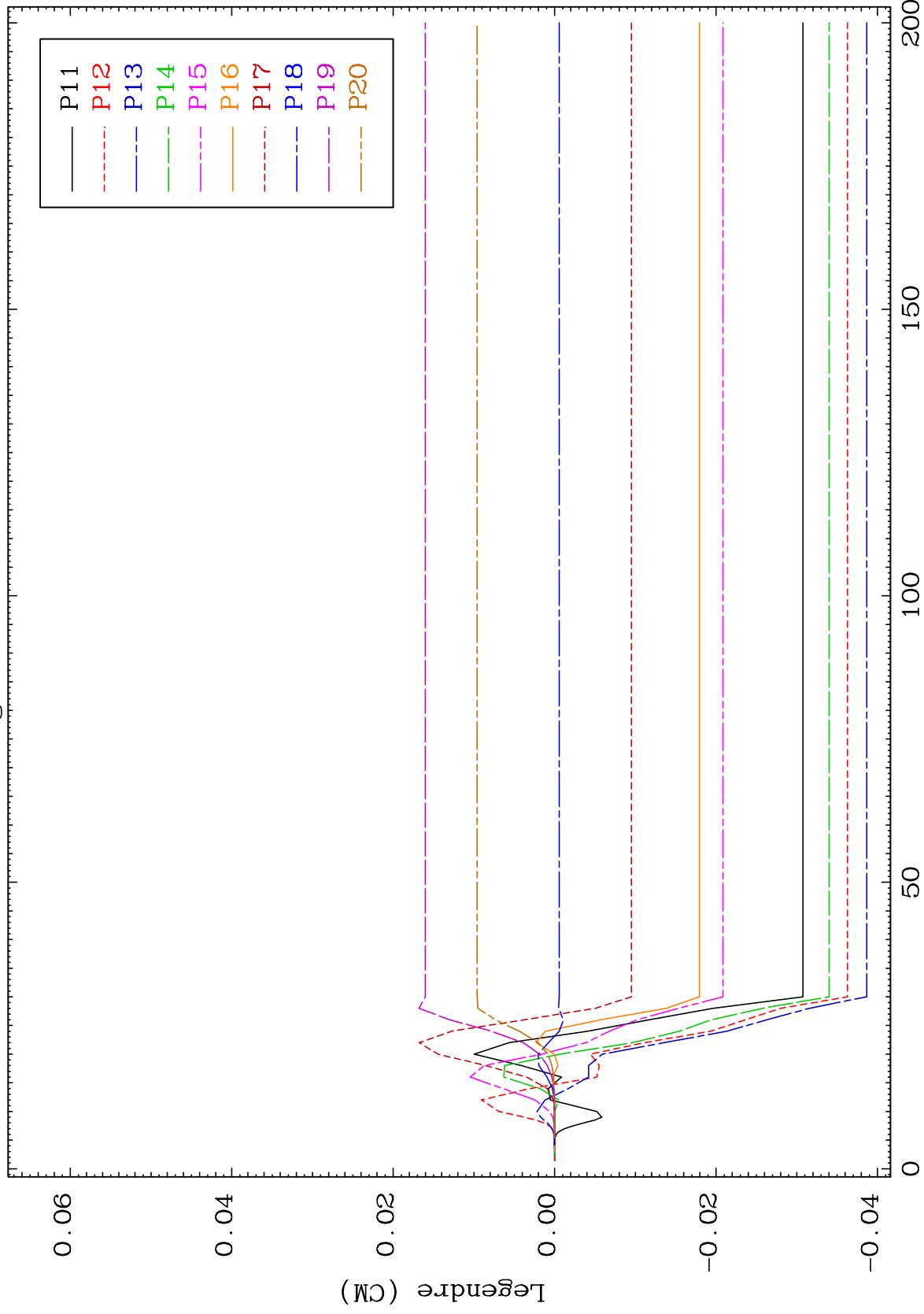
73-Ta-180



MAT 7325

39.67 keV (n,n') Level
Legendre Coefficients

73-Ta-180



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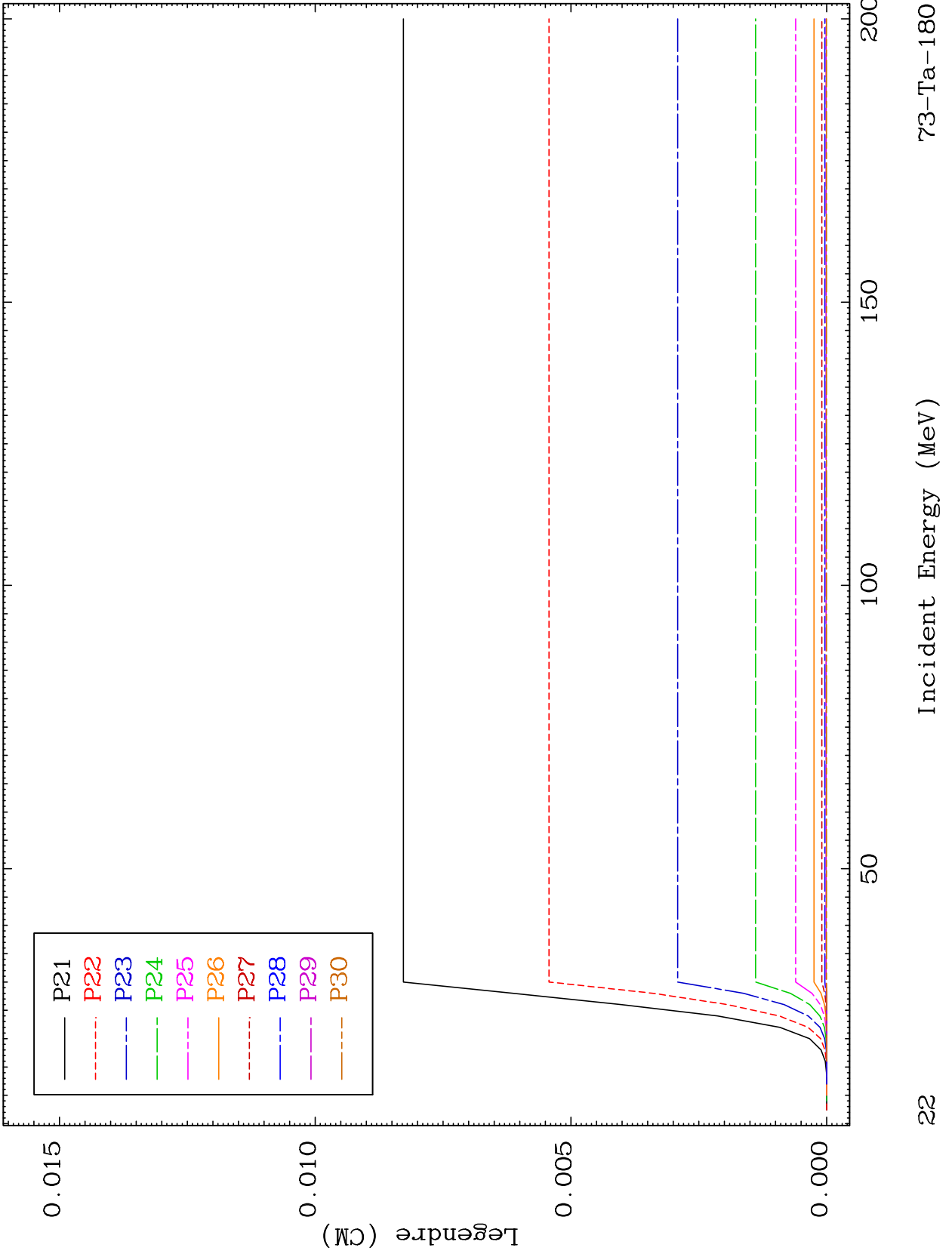
Incident Energy (MeV)

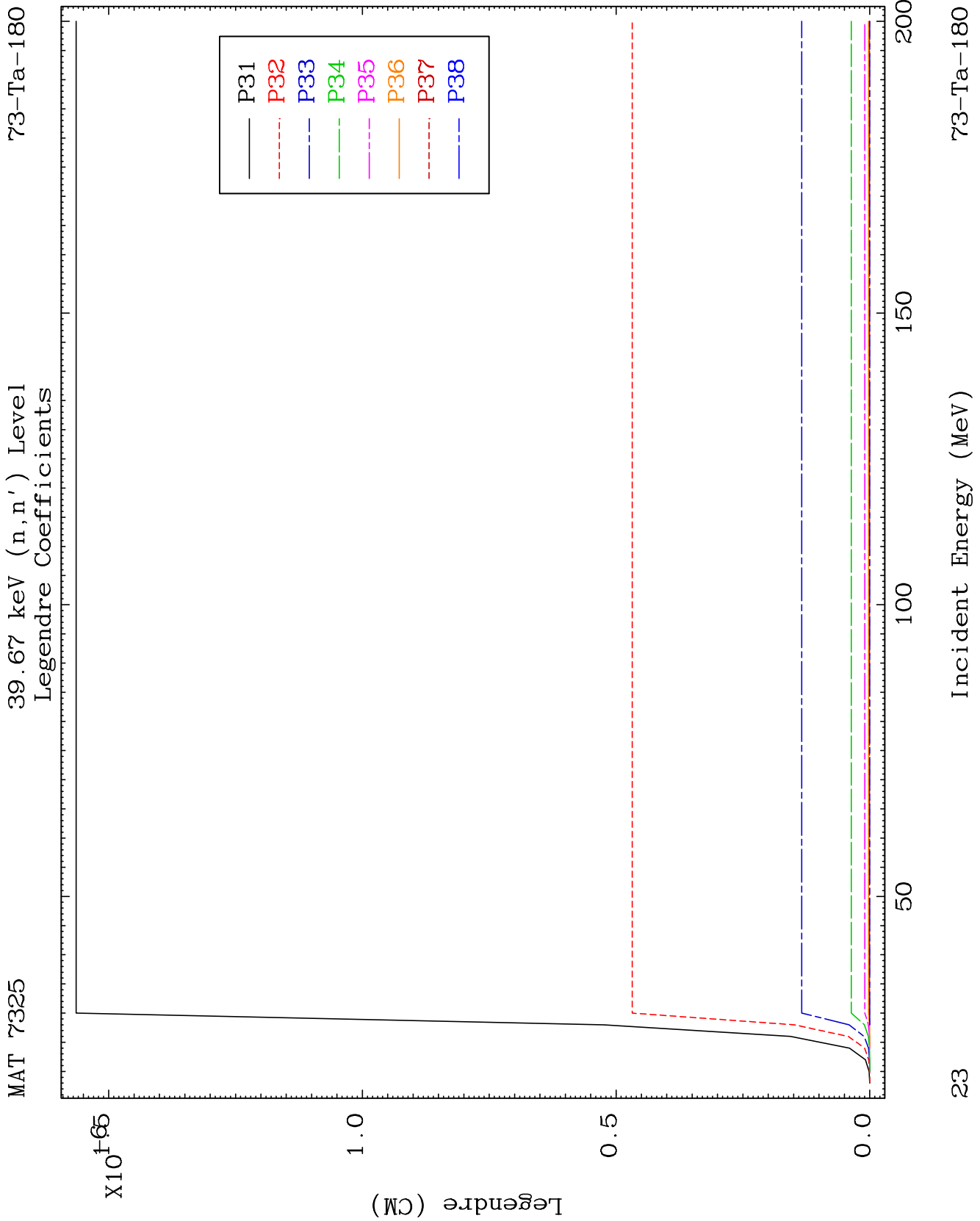
73-Ta-180

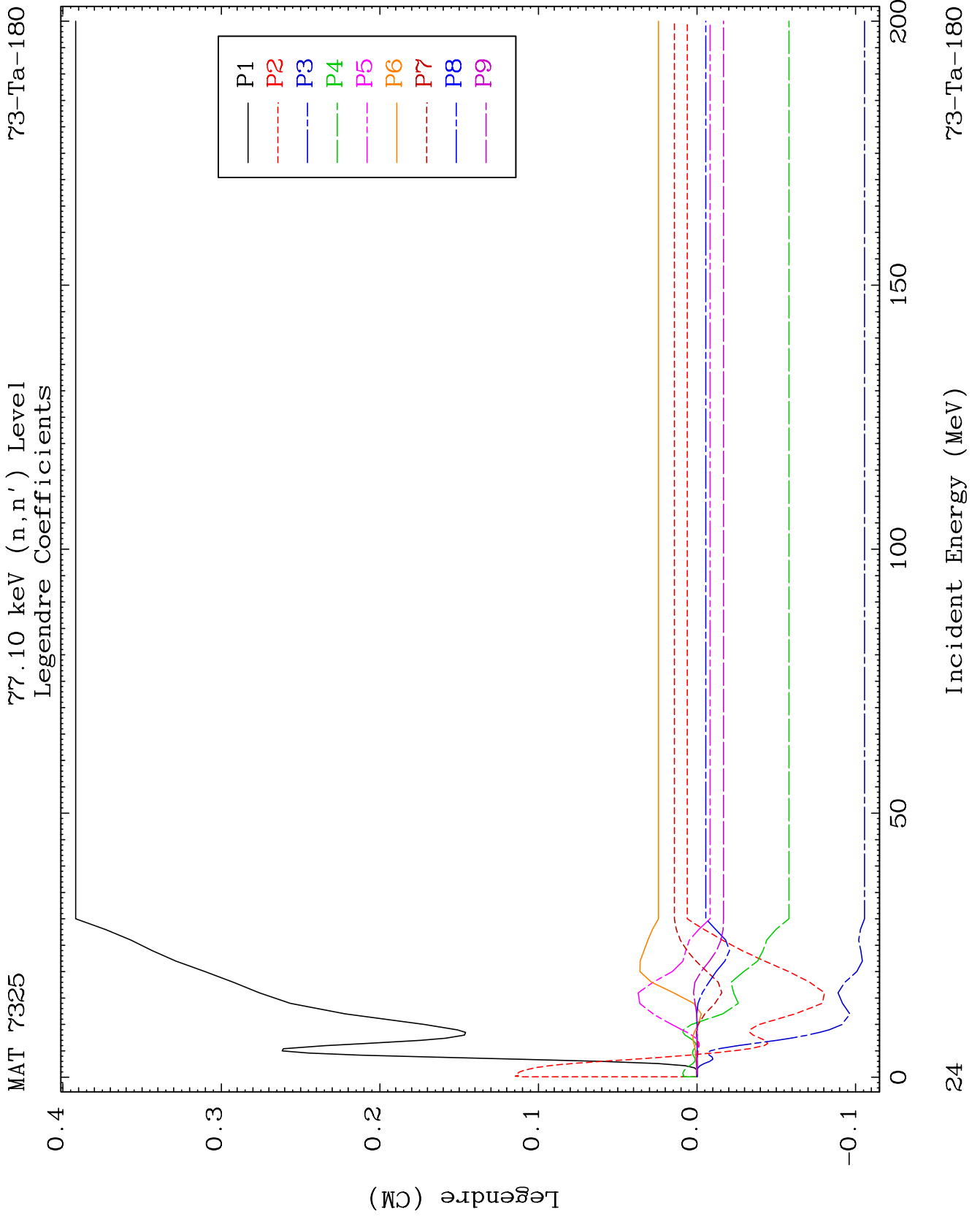
MAT 7325

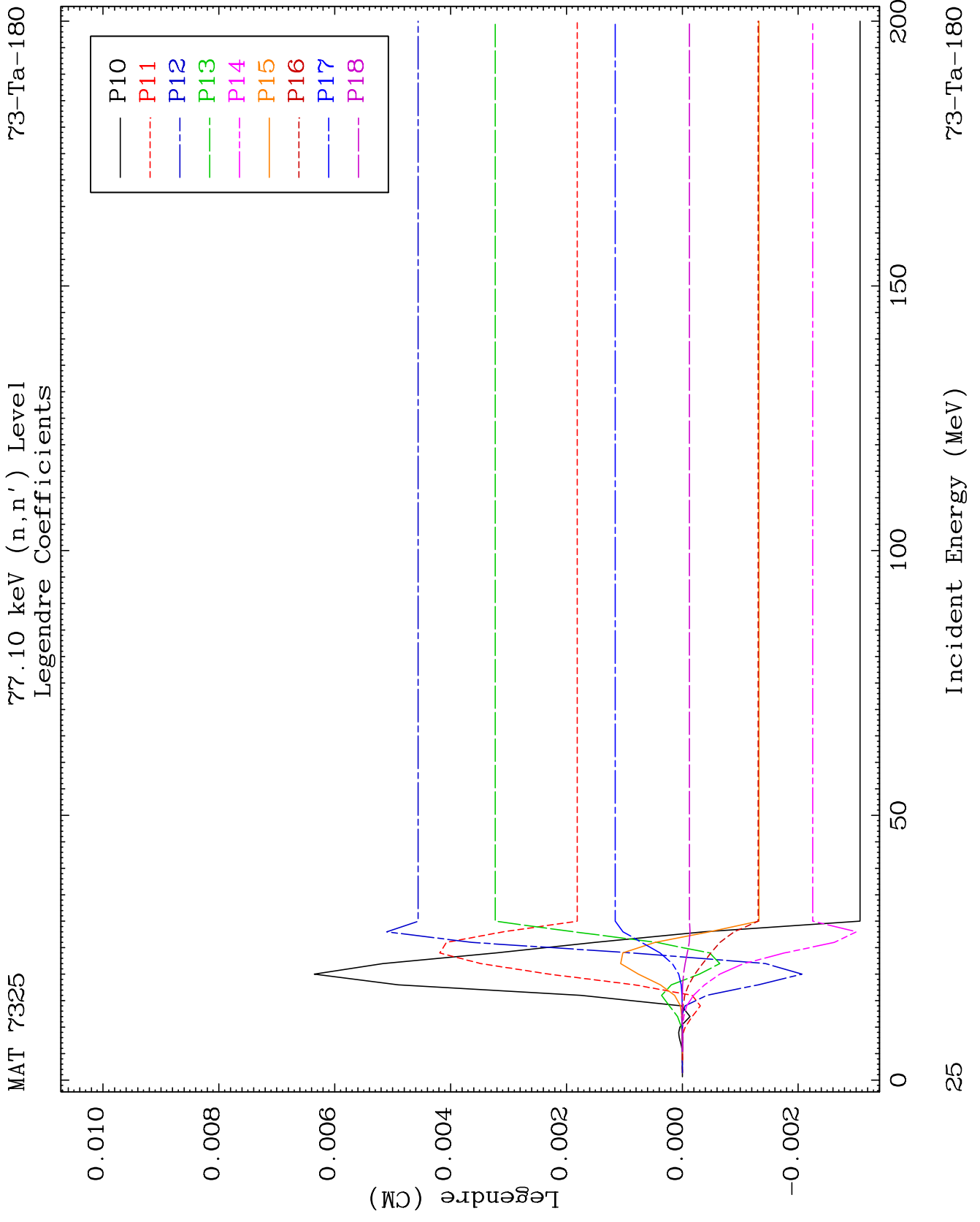
39.67 keV (n,n') Level
Legendre Coefficients

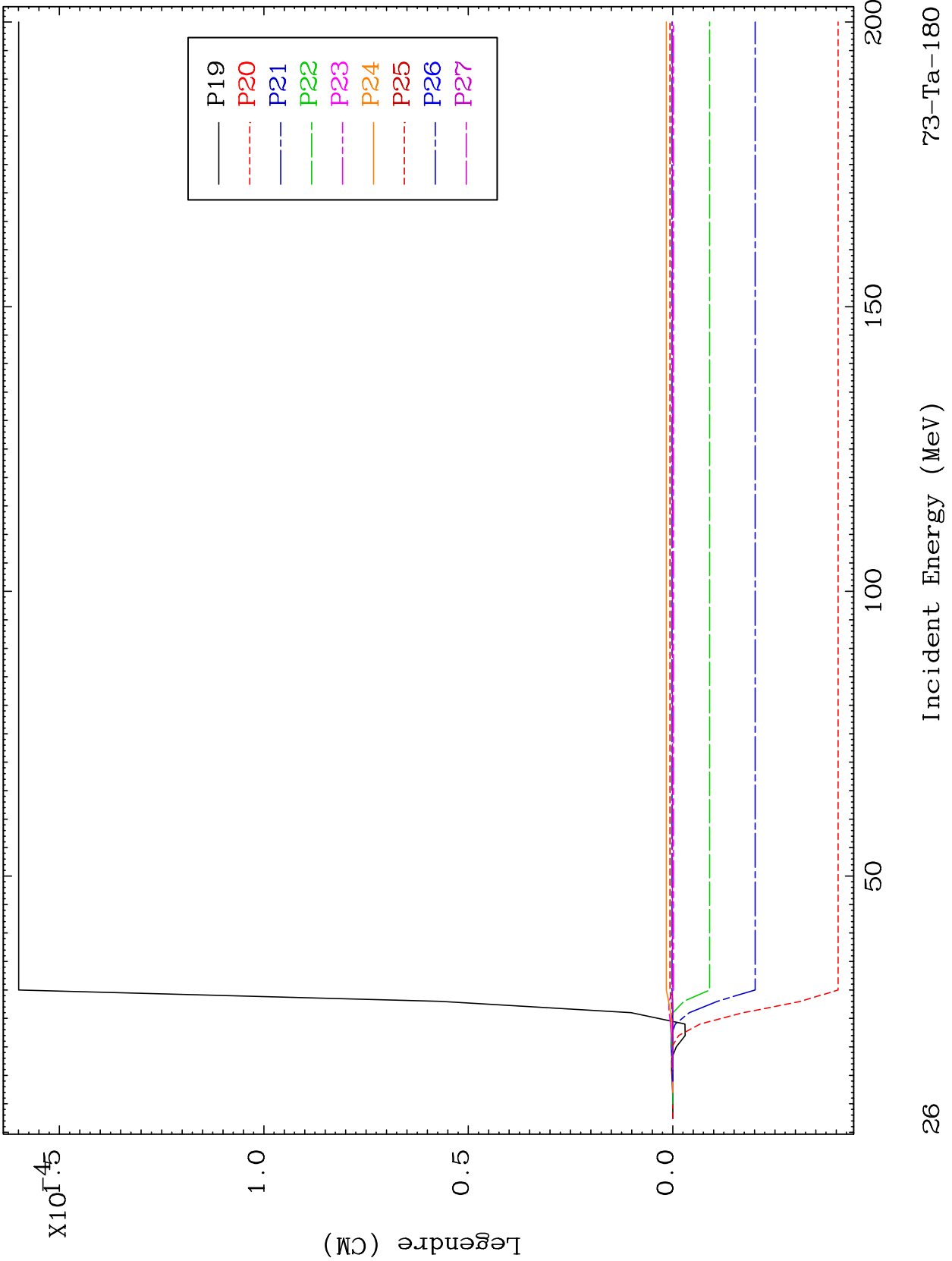
73-Ta-180

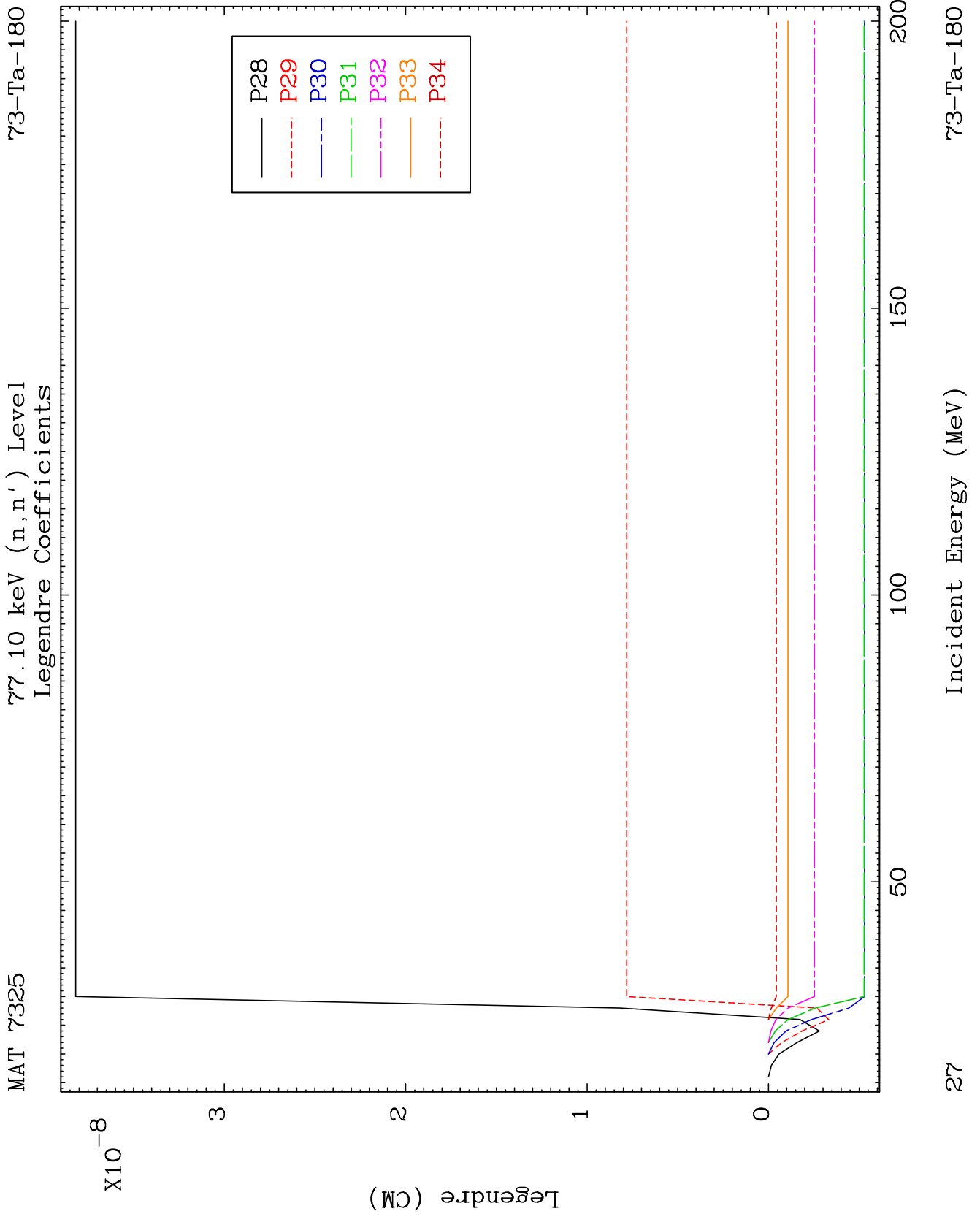


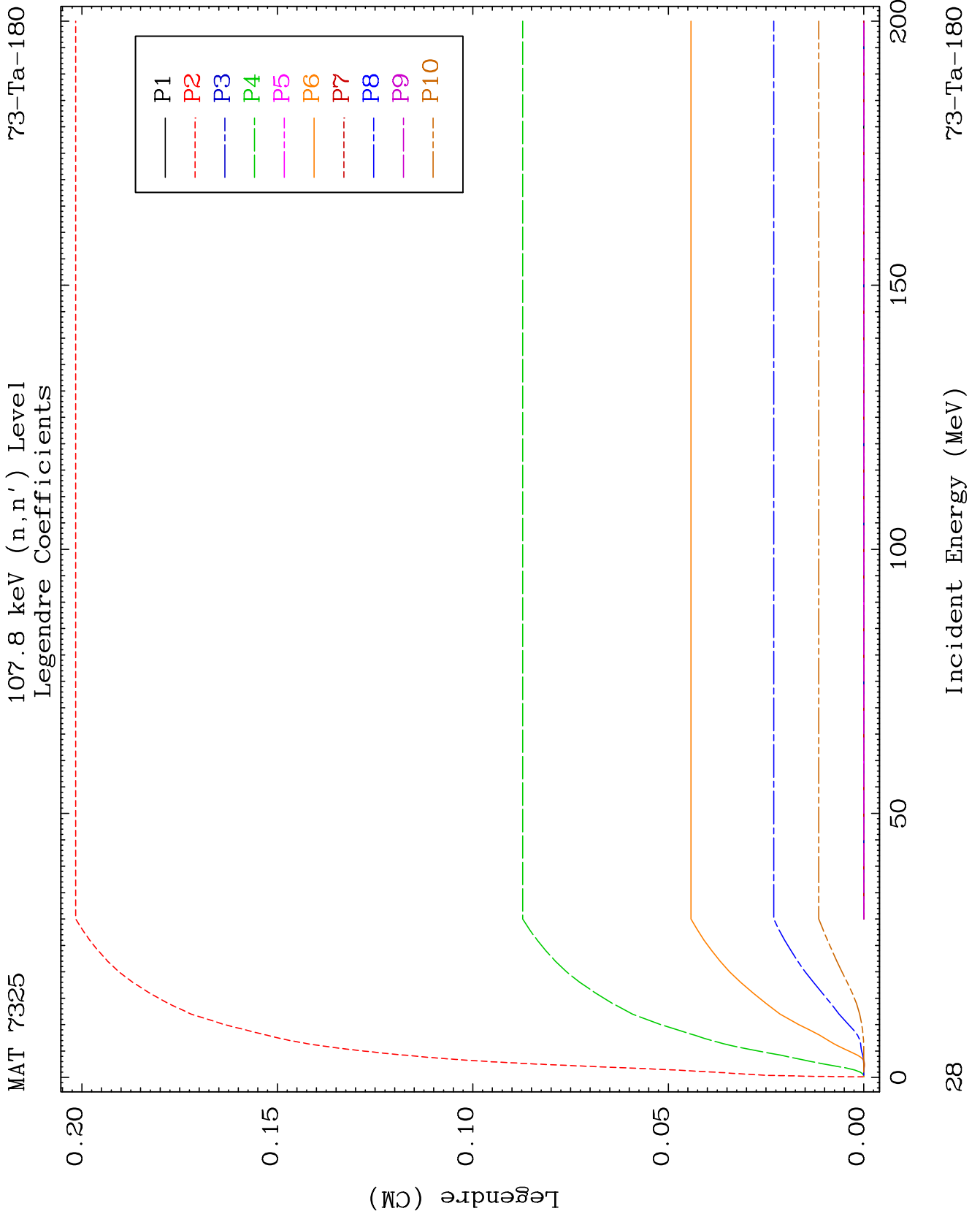


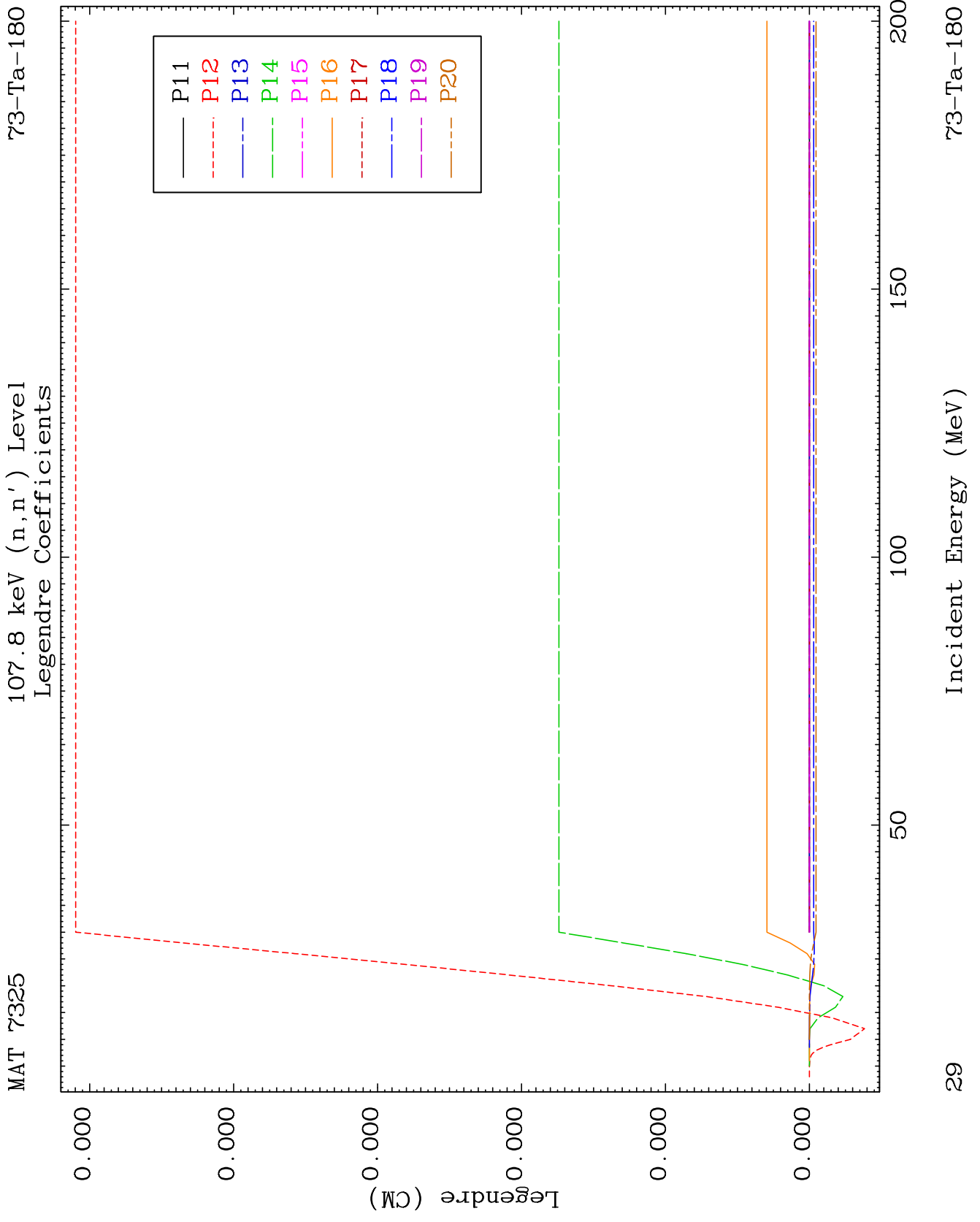


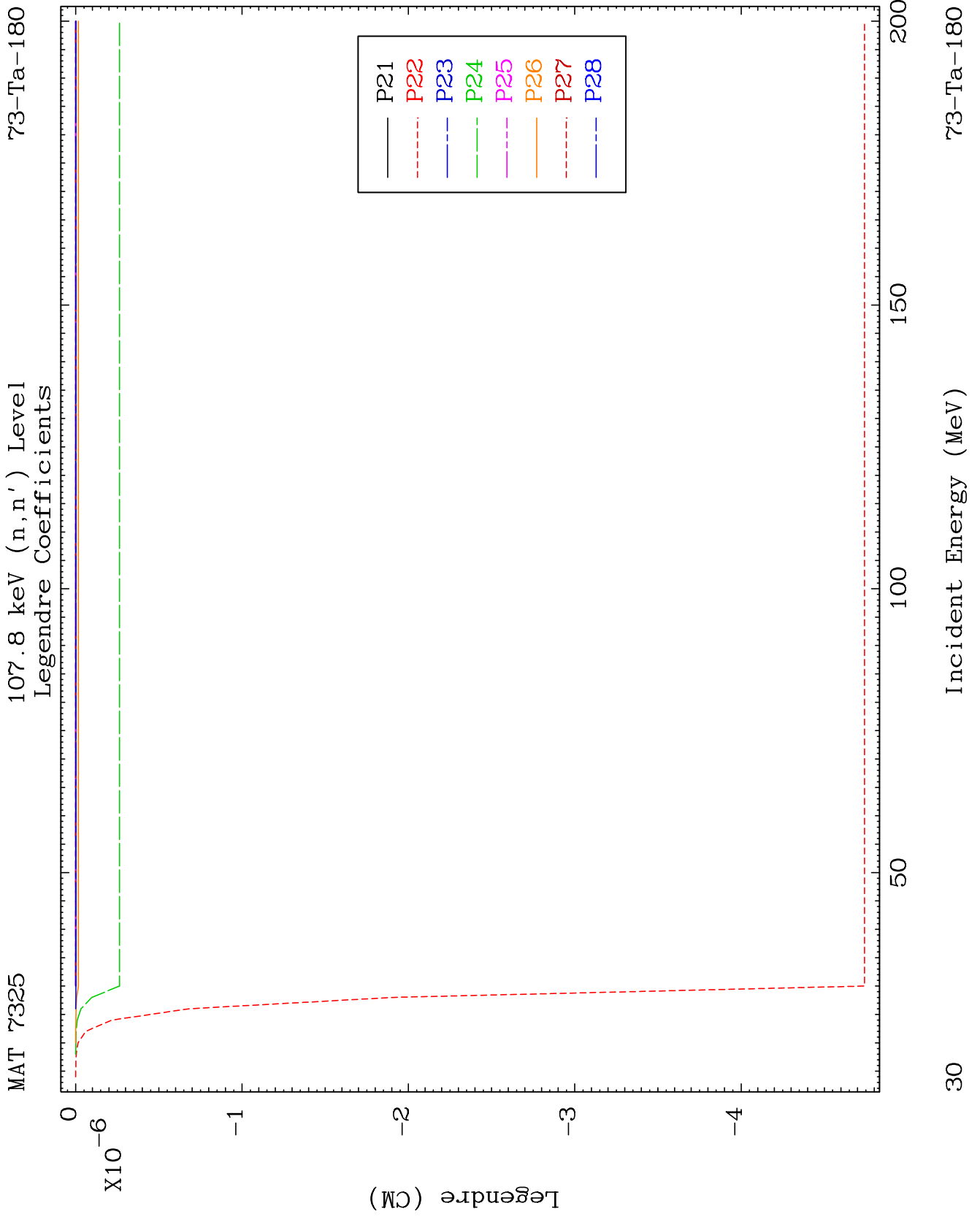


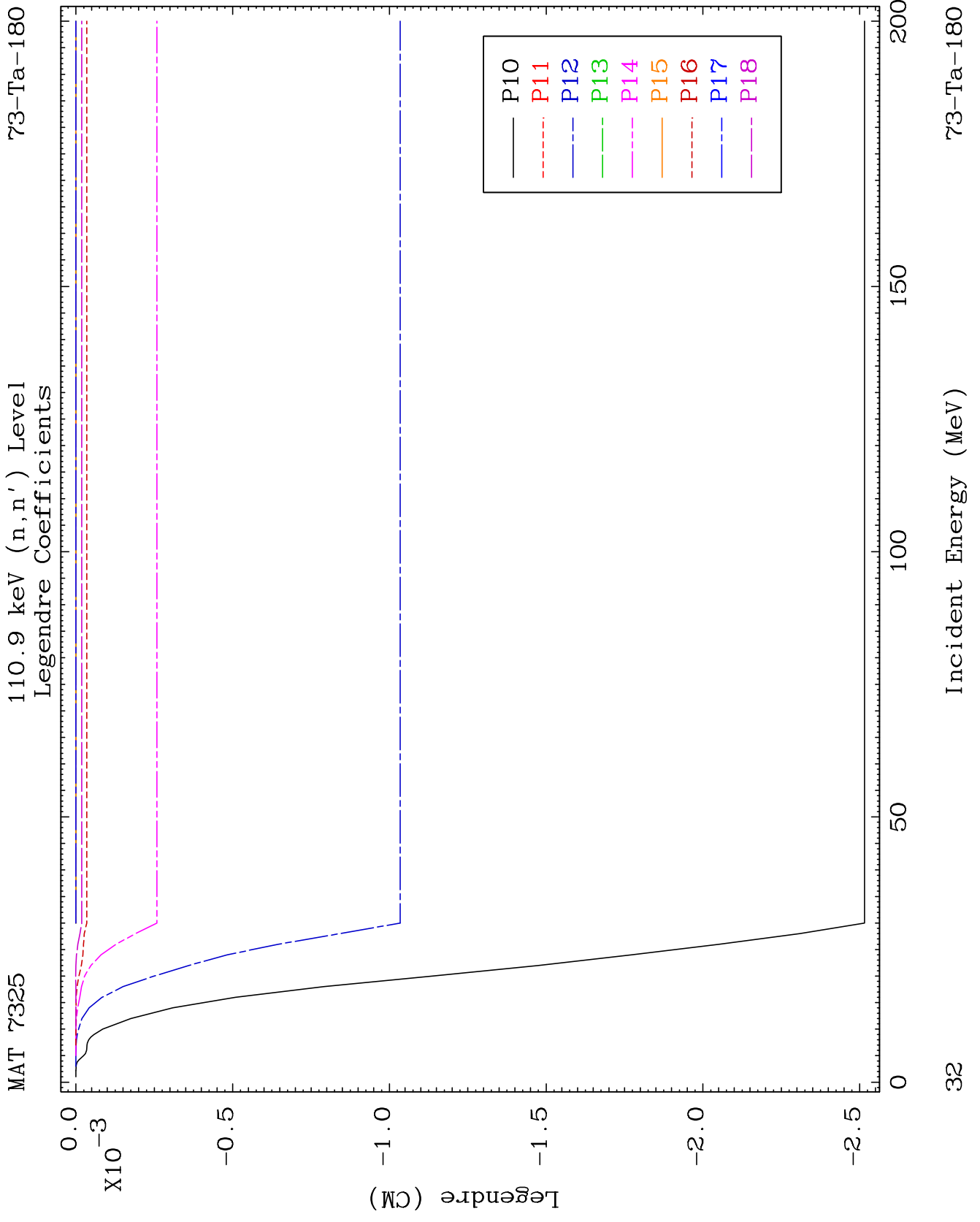


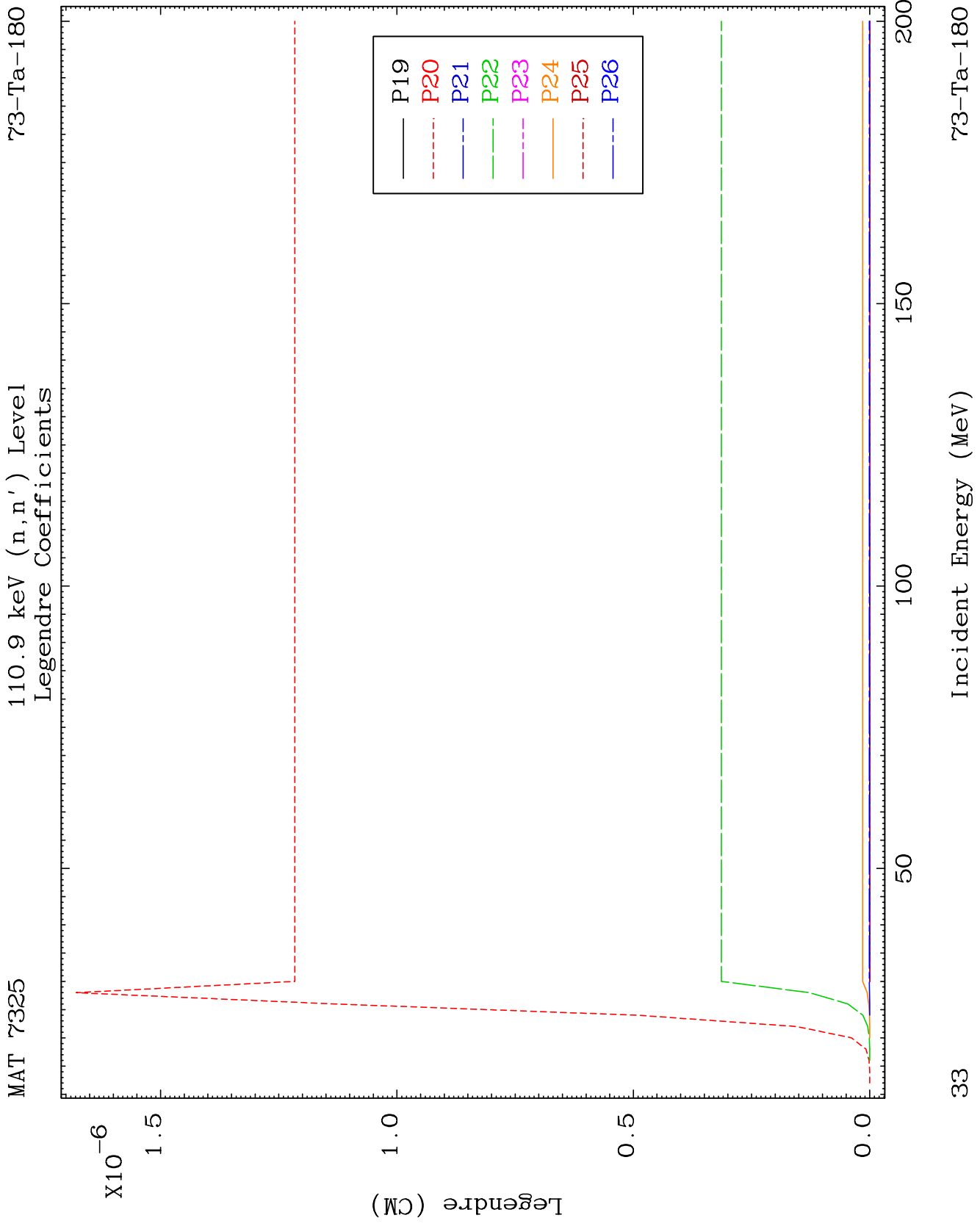


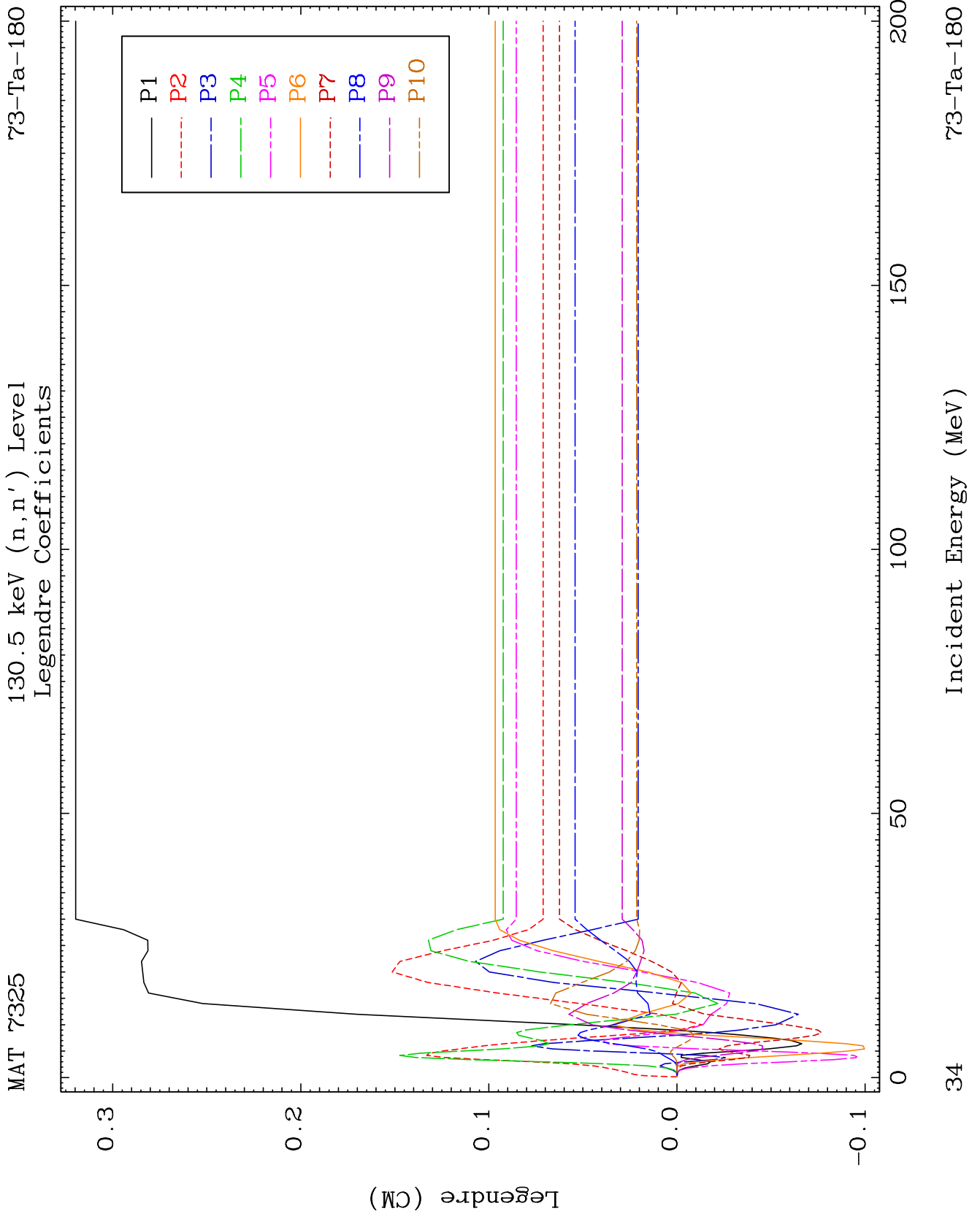


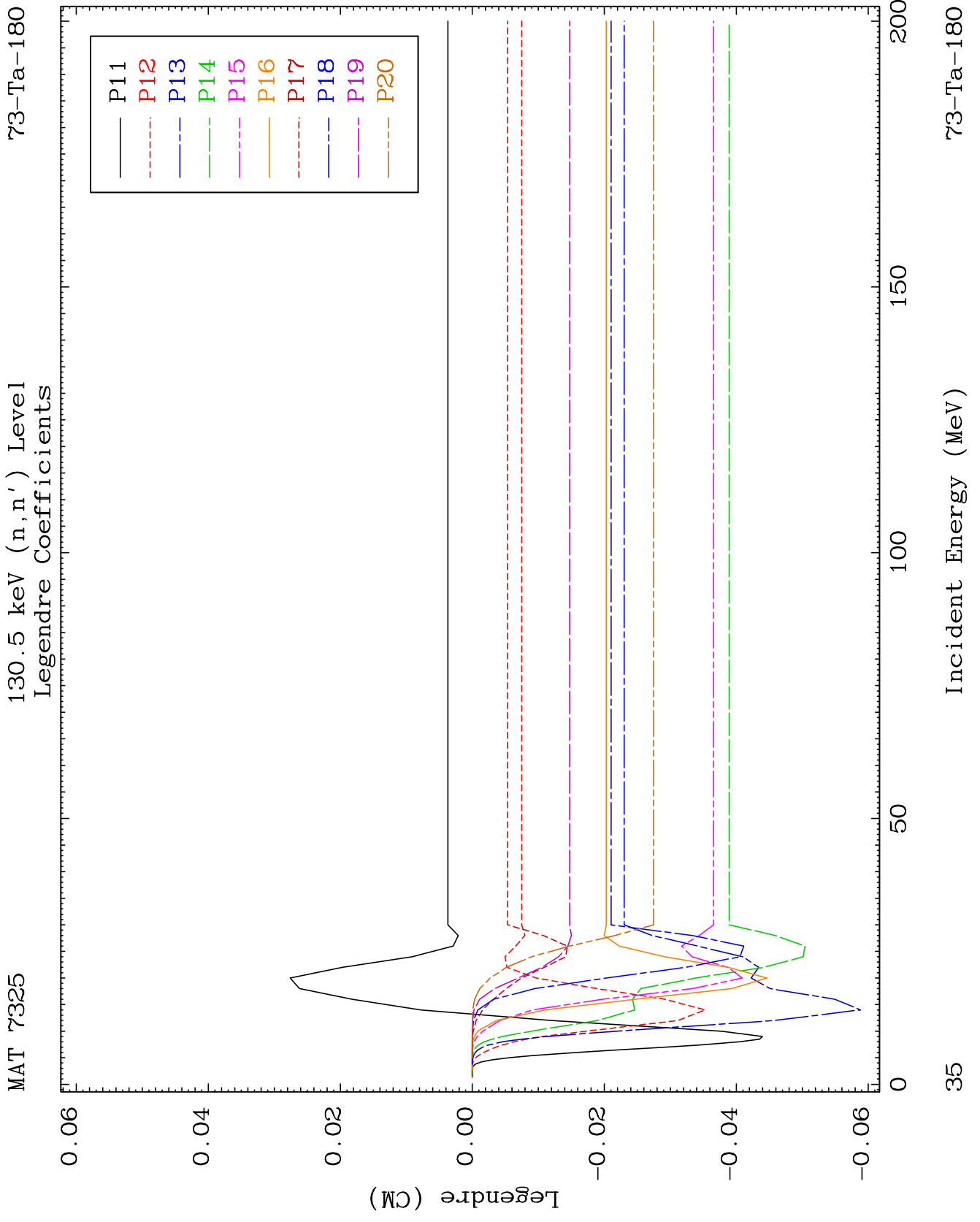


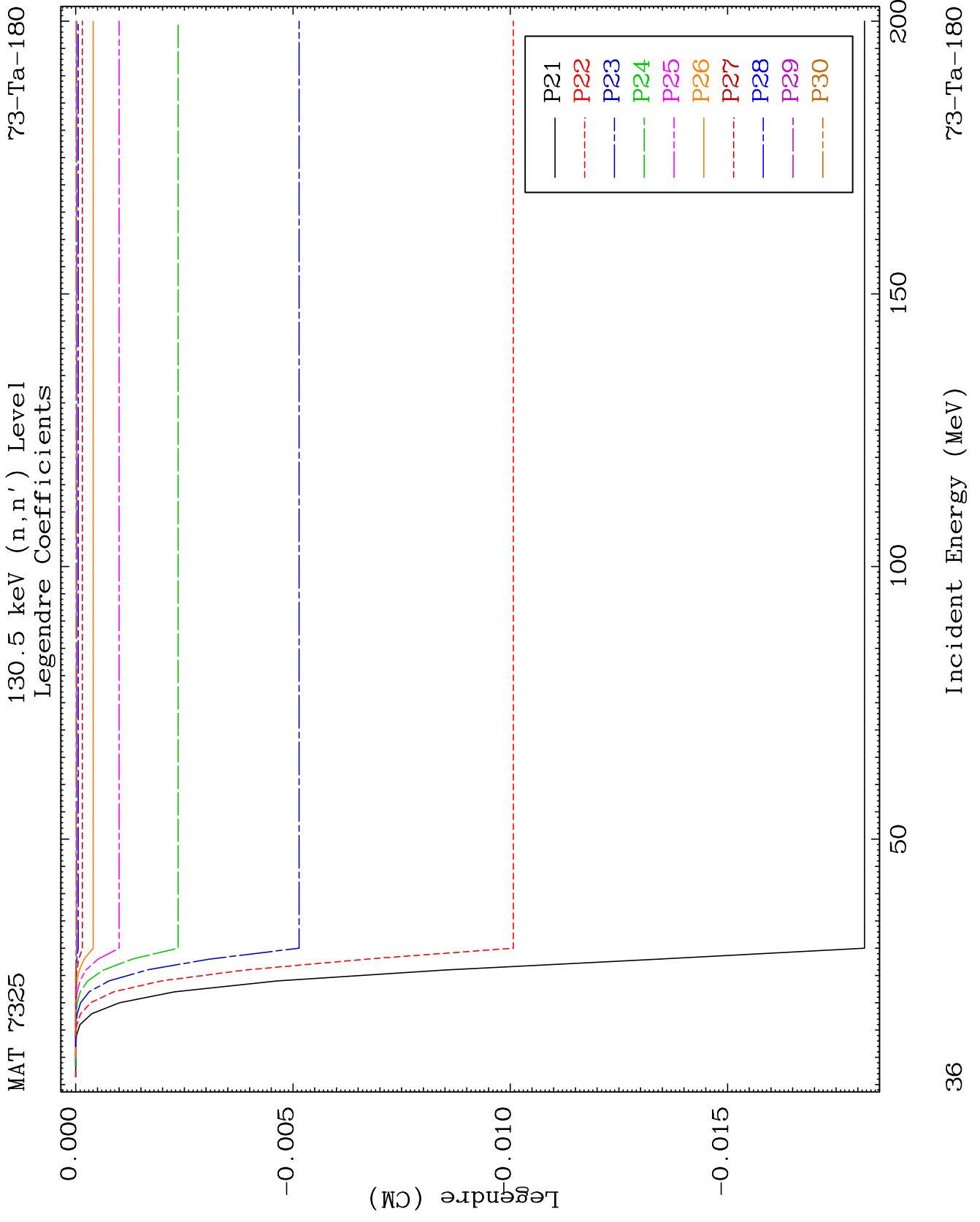


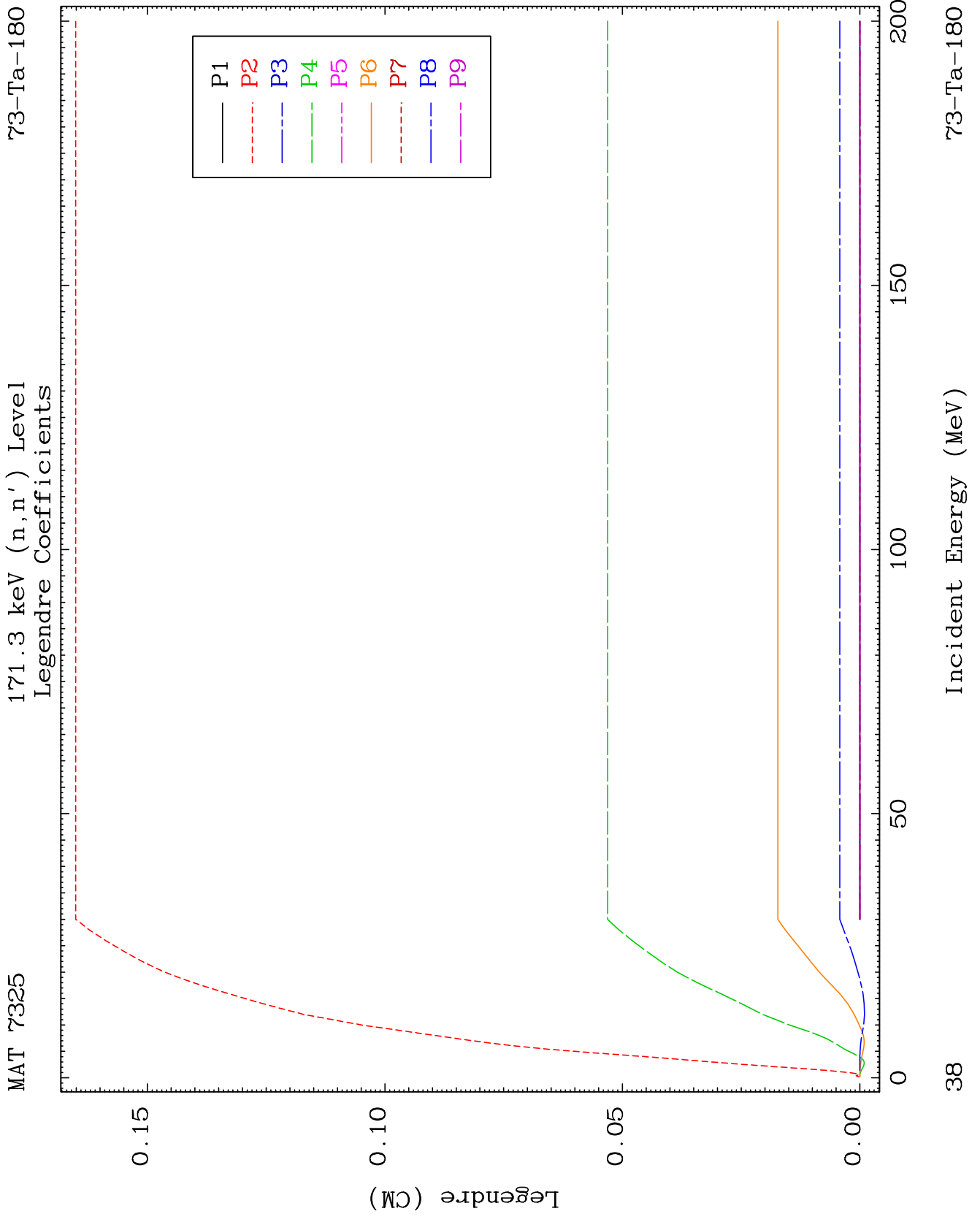








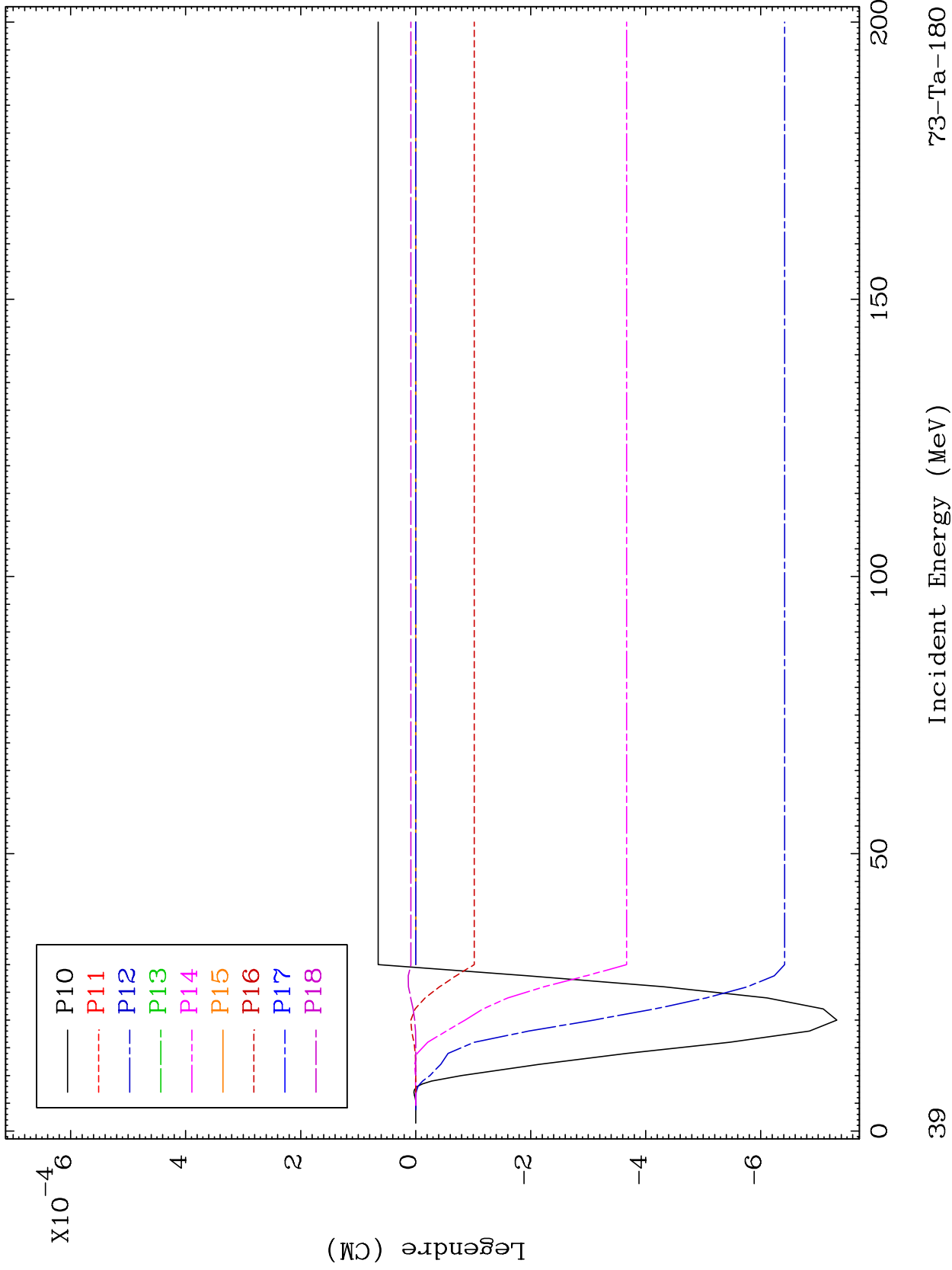




MAT 7325

171.3 keV (n,n') Level
Legendre Coefficients

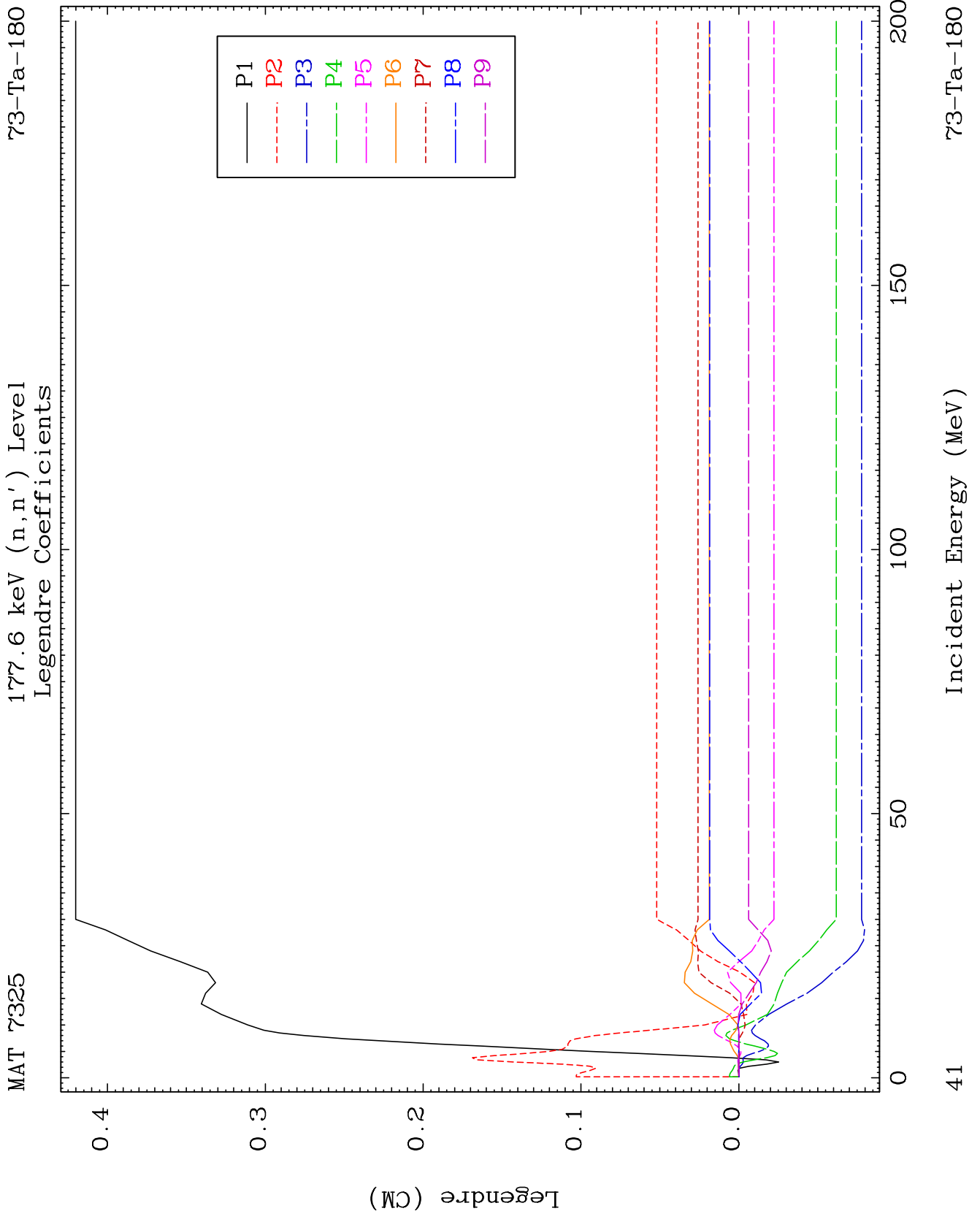
73-Ta-180

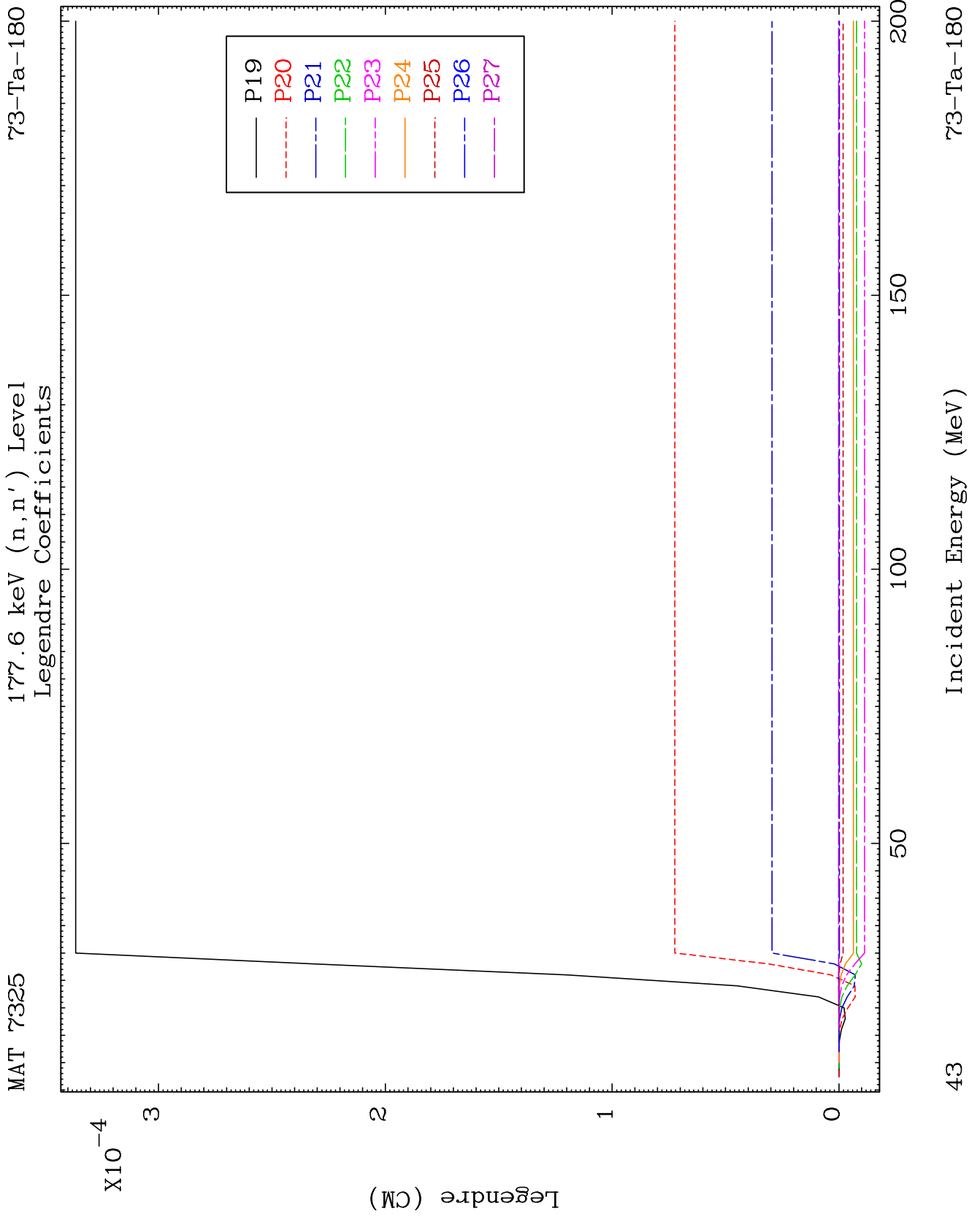


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Incident Energy (MeV)

73-Ta-180

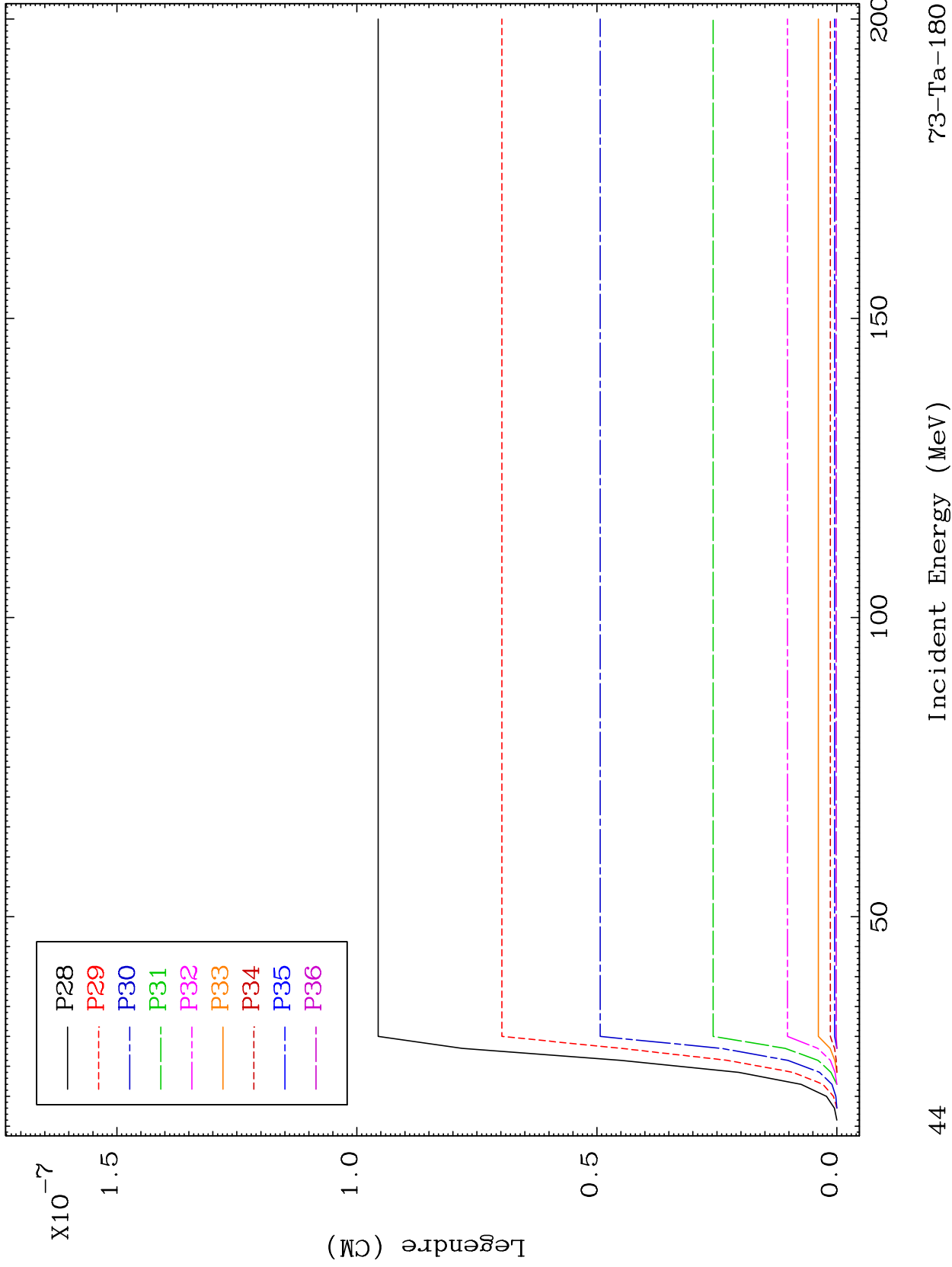


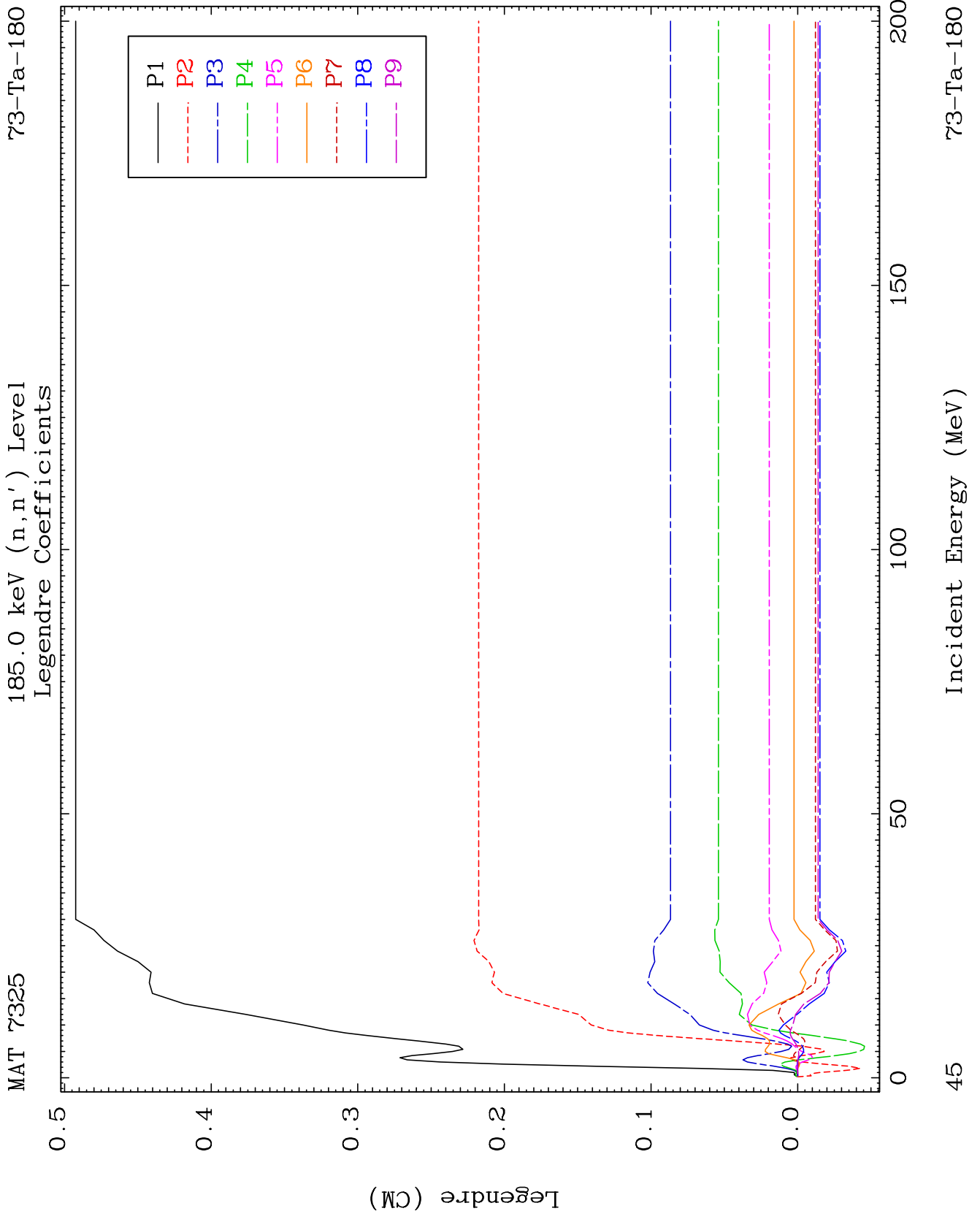


MAT 7325

177.6 keV (n,n') Level
Legendre Coefficients

73-Ta-180

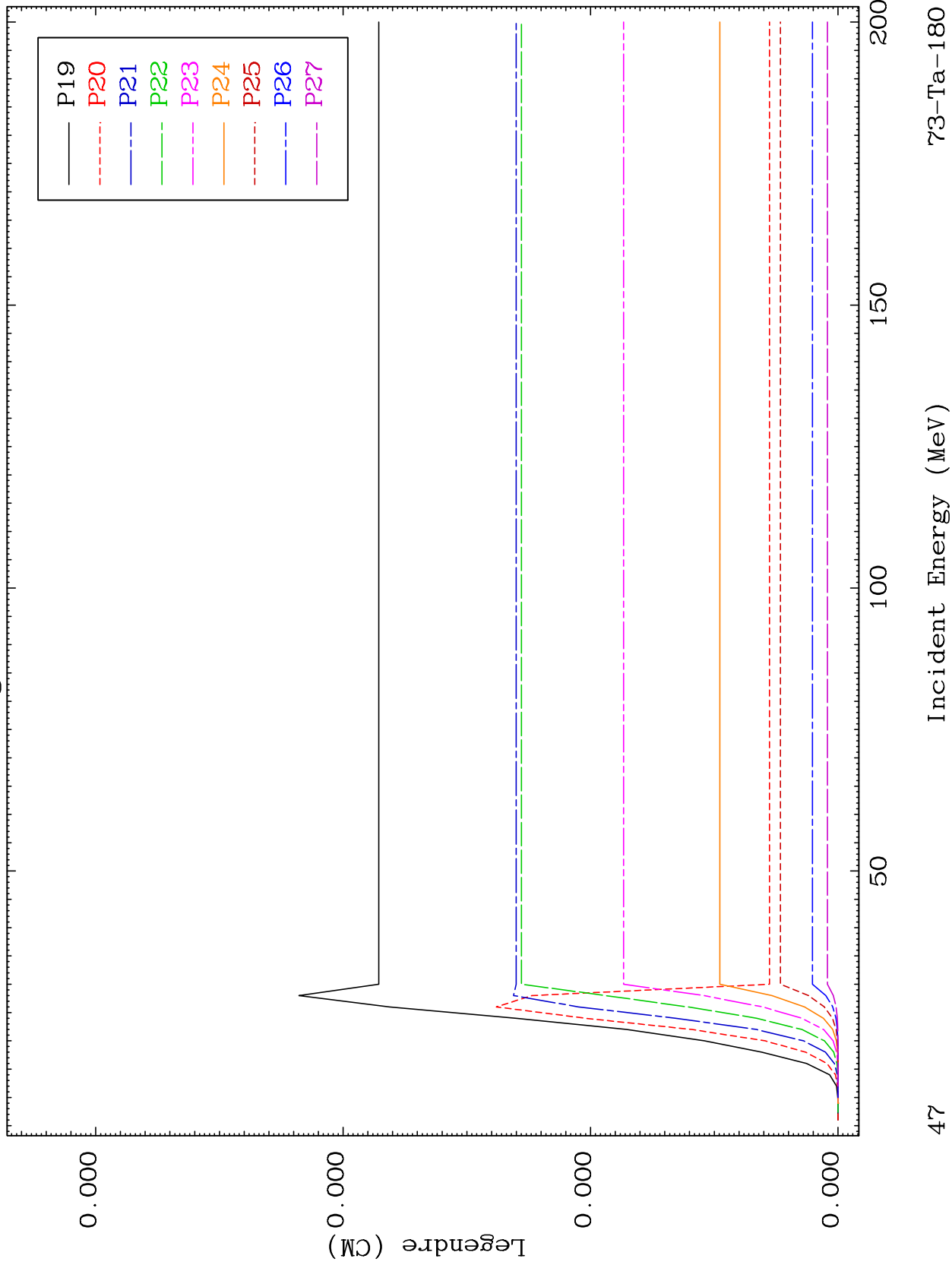


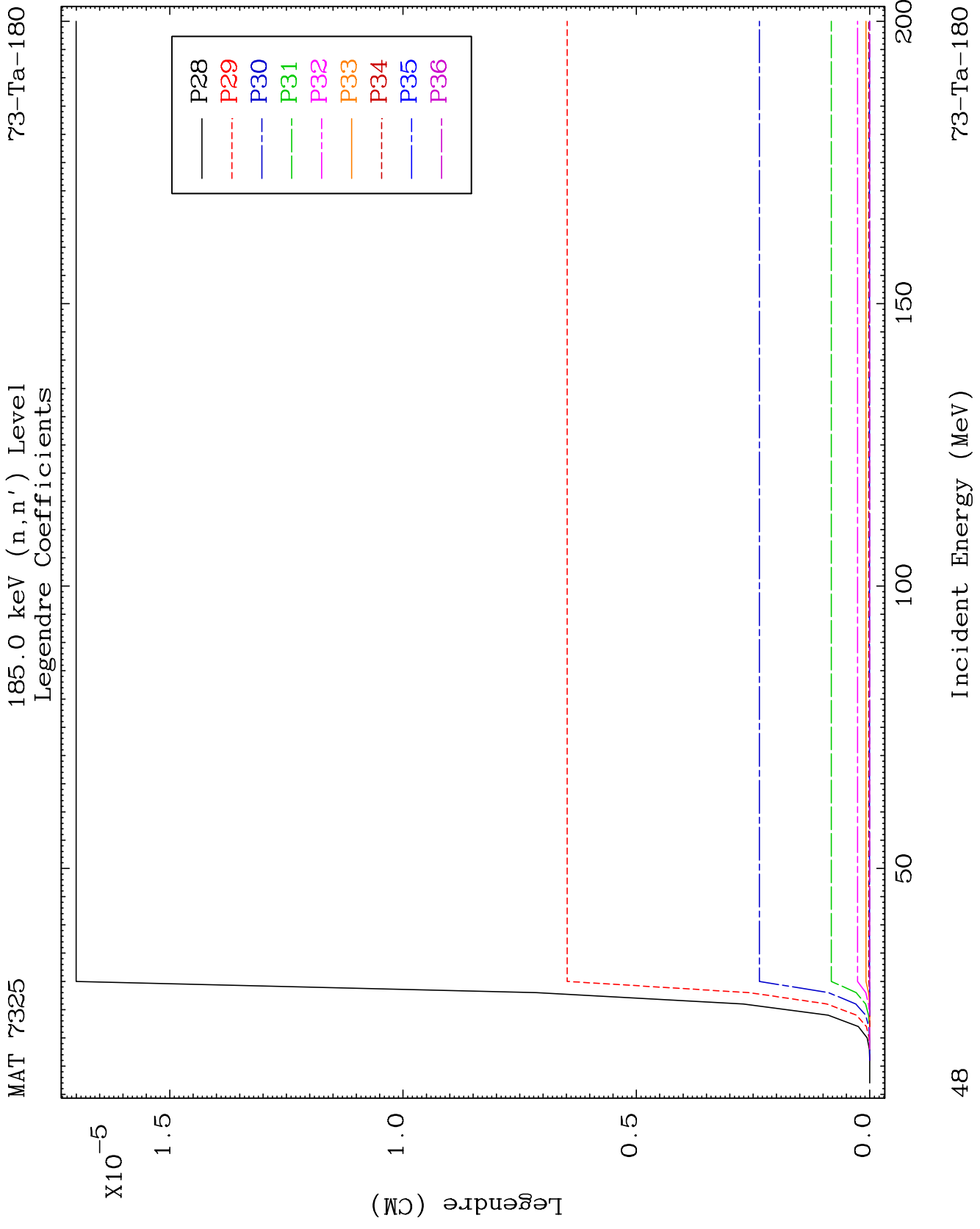


MAT 7325

185.0 keV (n,n') Level
Legendre Coefficients

73-Ta-180

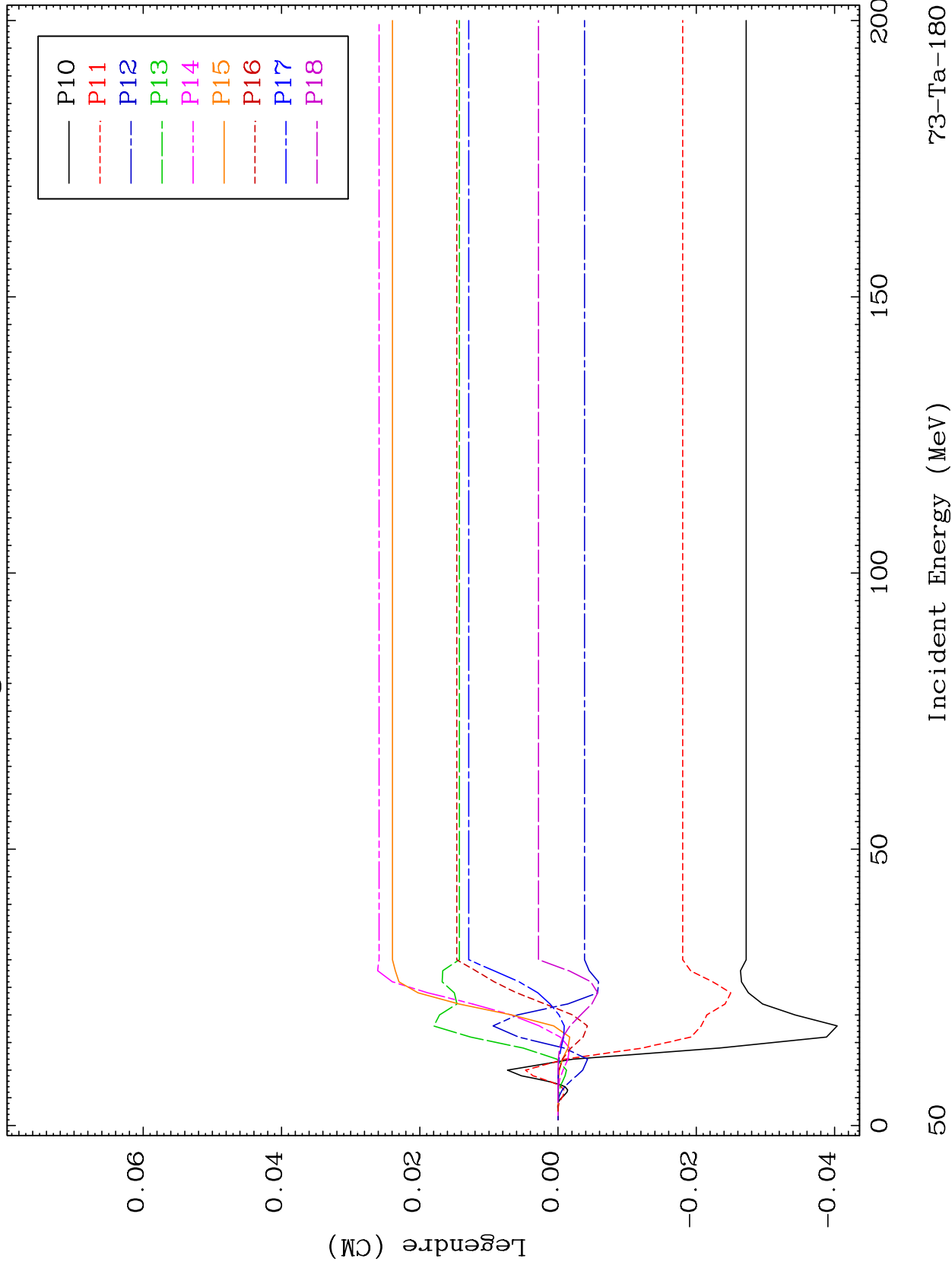


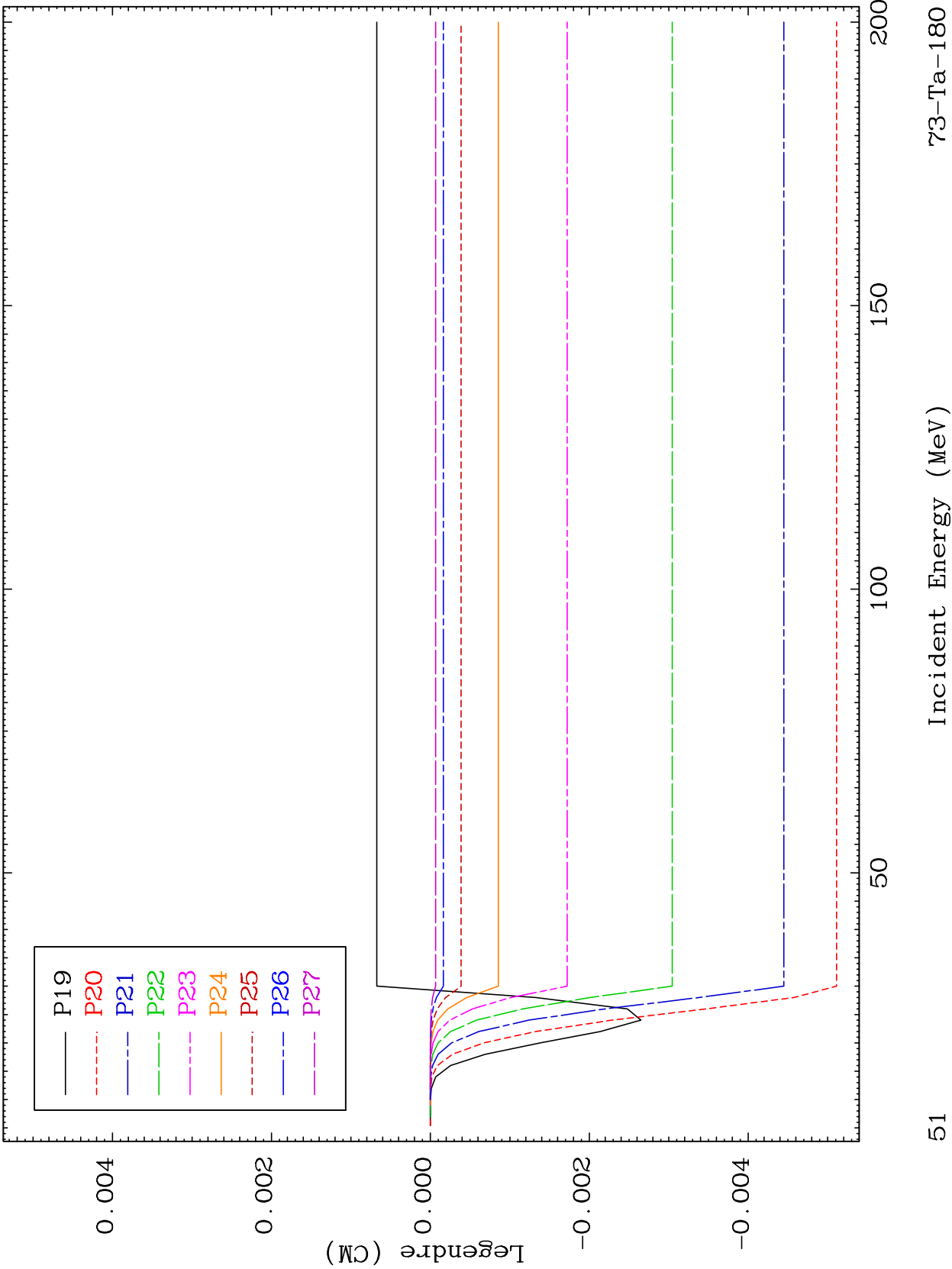


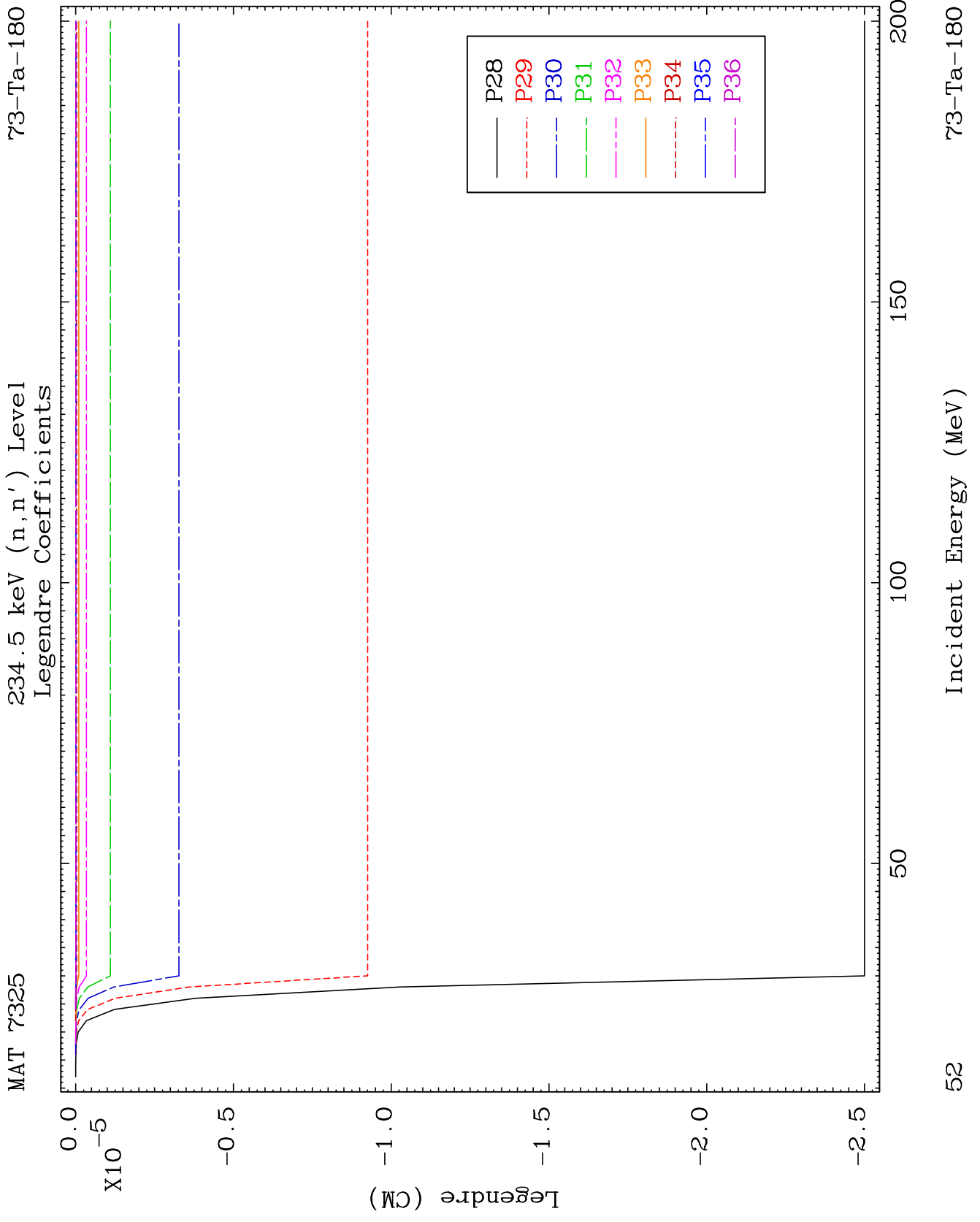
MAT 7325

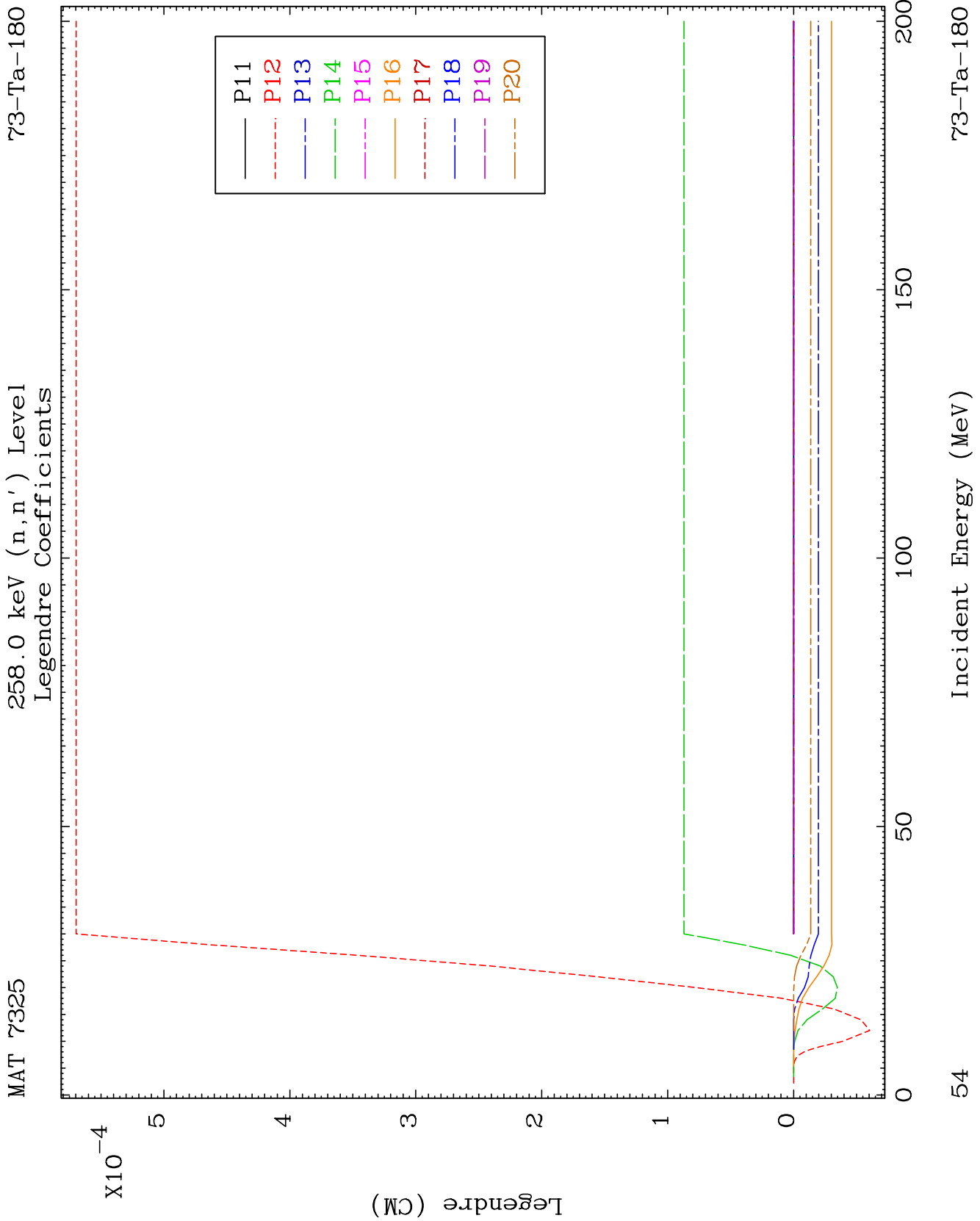
234.5 keV (n,n') Level
Legendre Coefficients

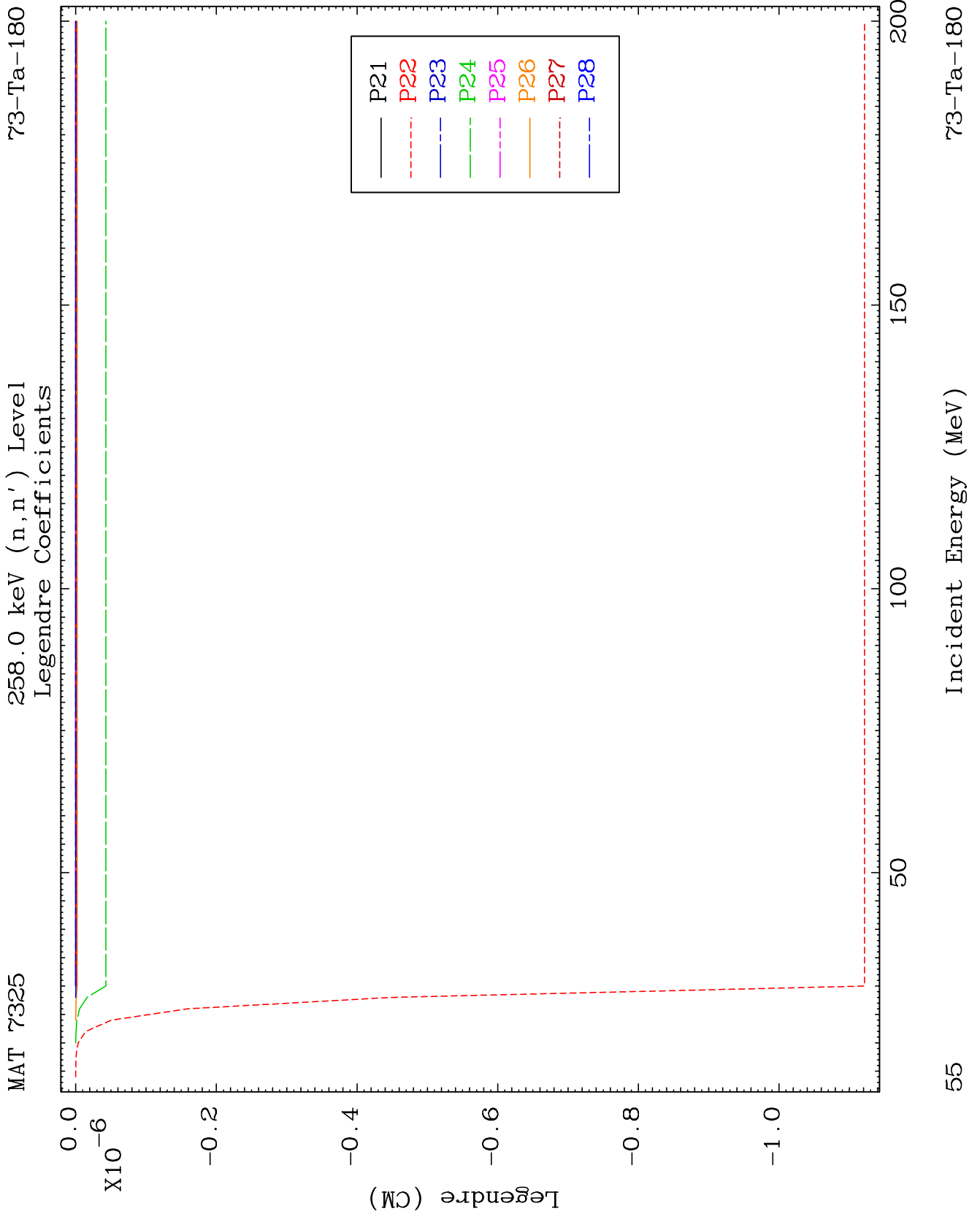
73-Ta-180

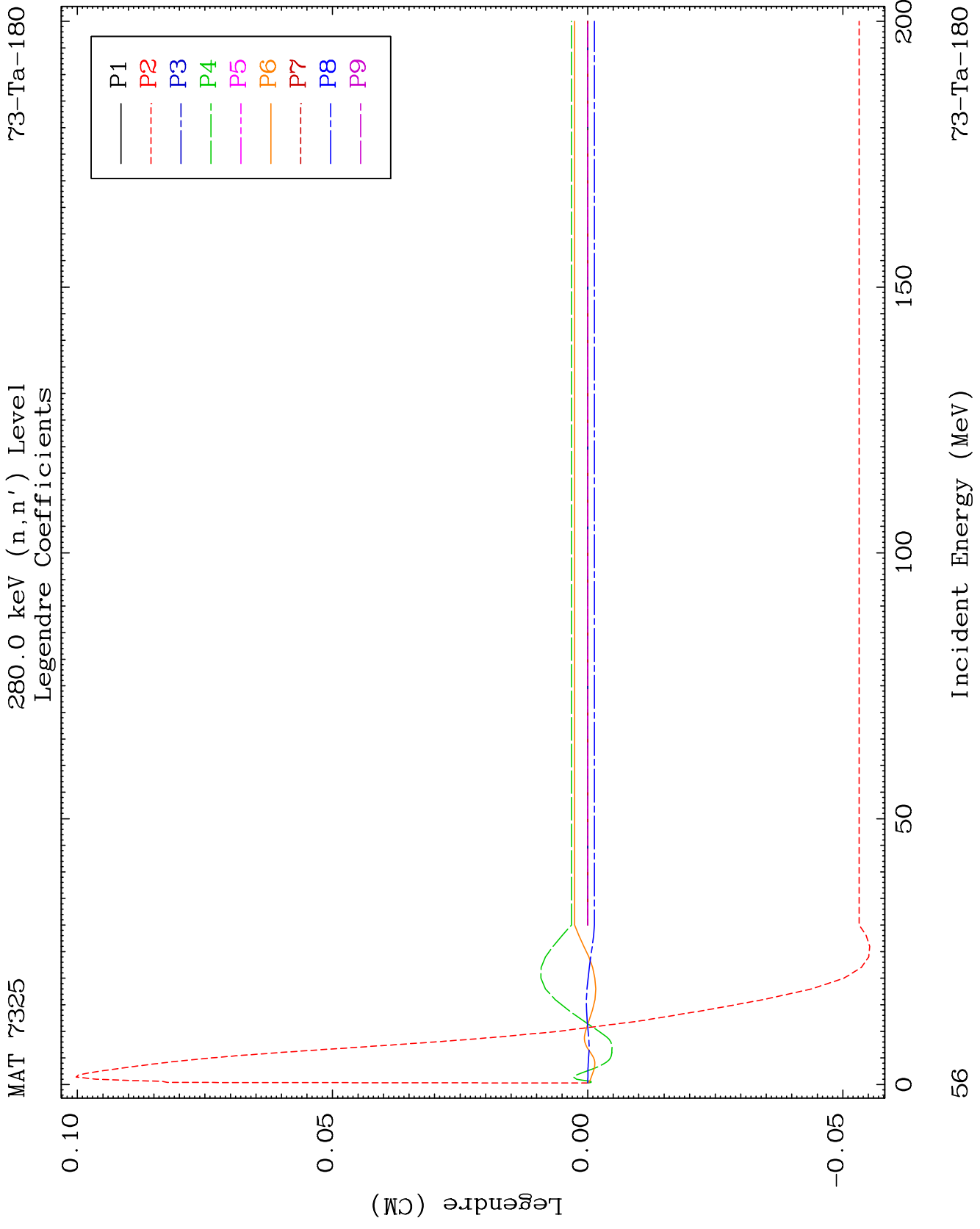








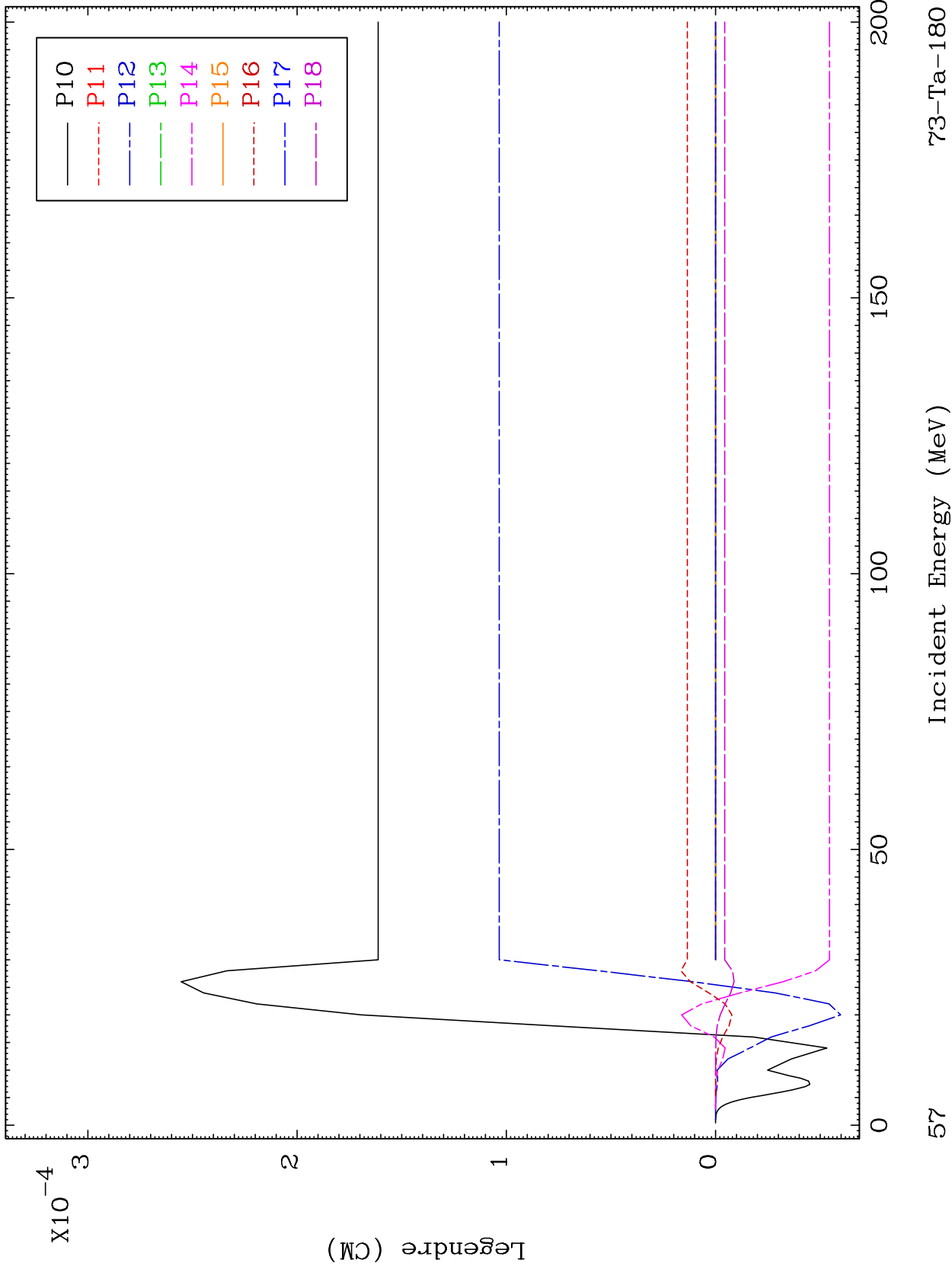




MAT 7325

280.0 keV (n,n') Level
Legendre Coefficients

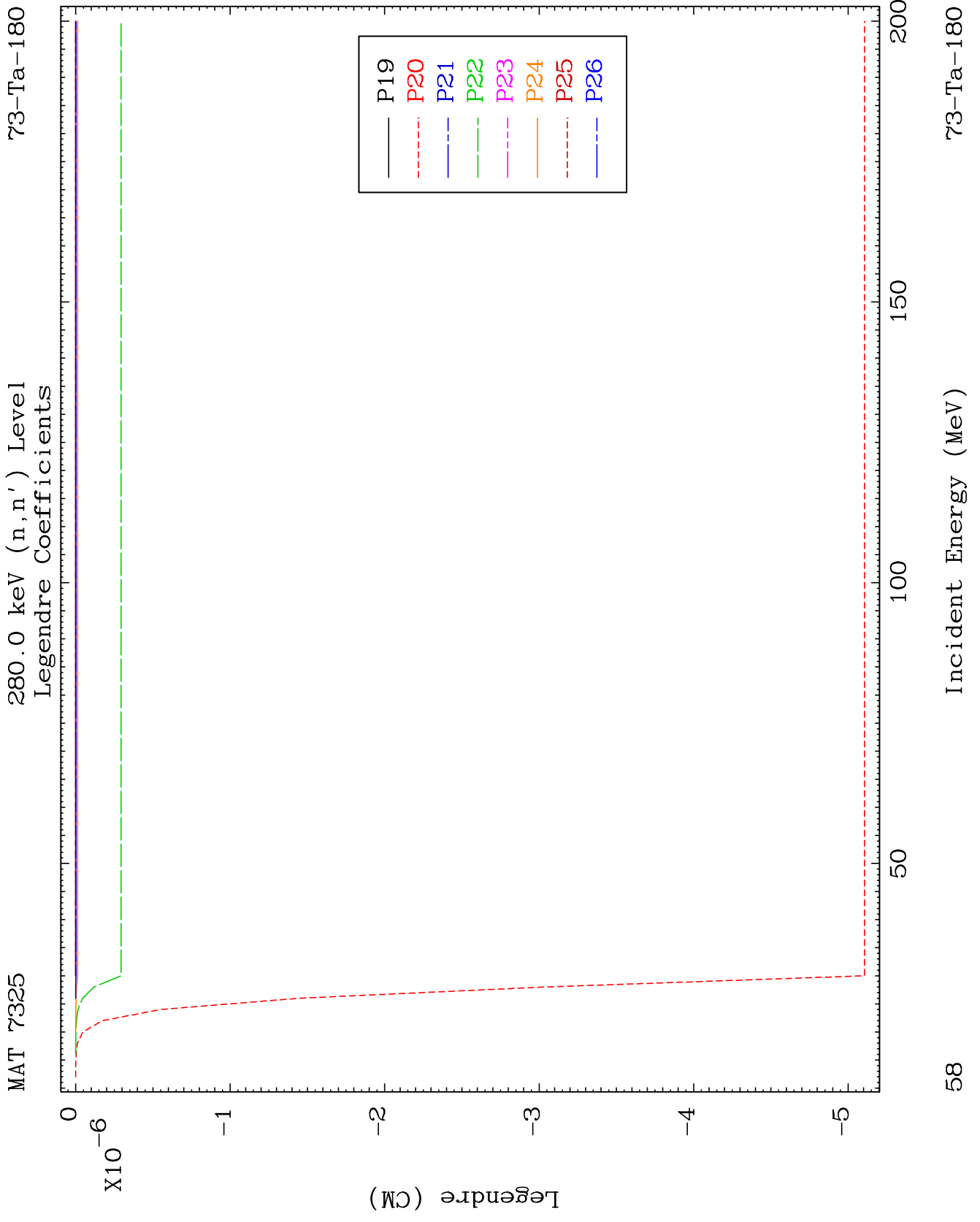
73-Ta-180

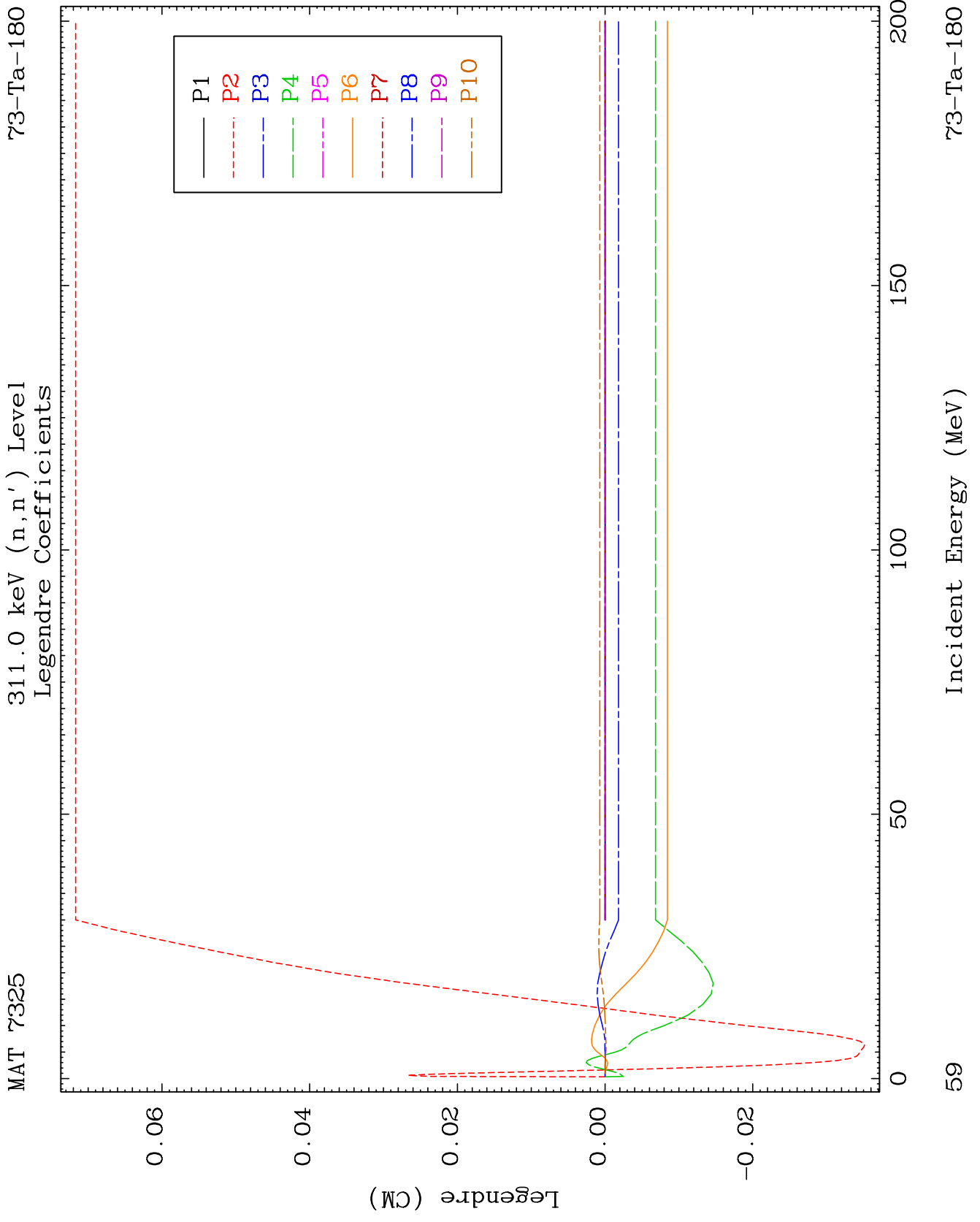


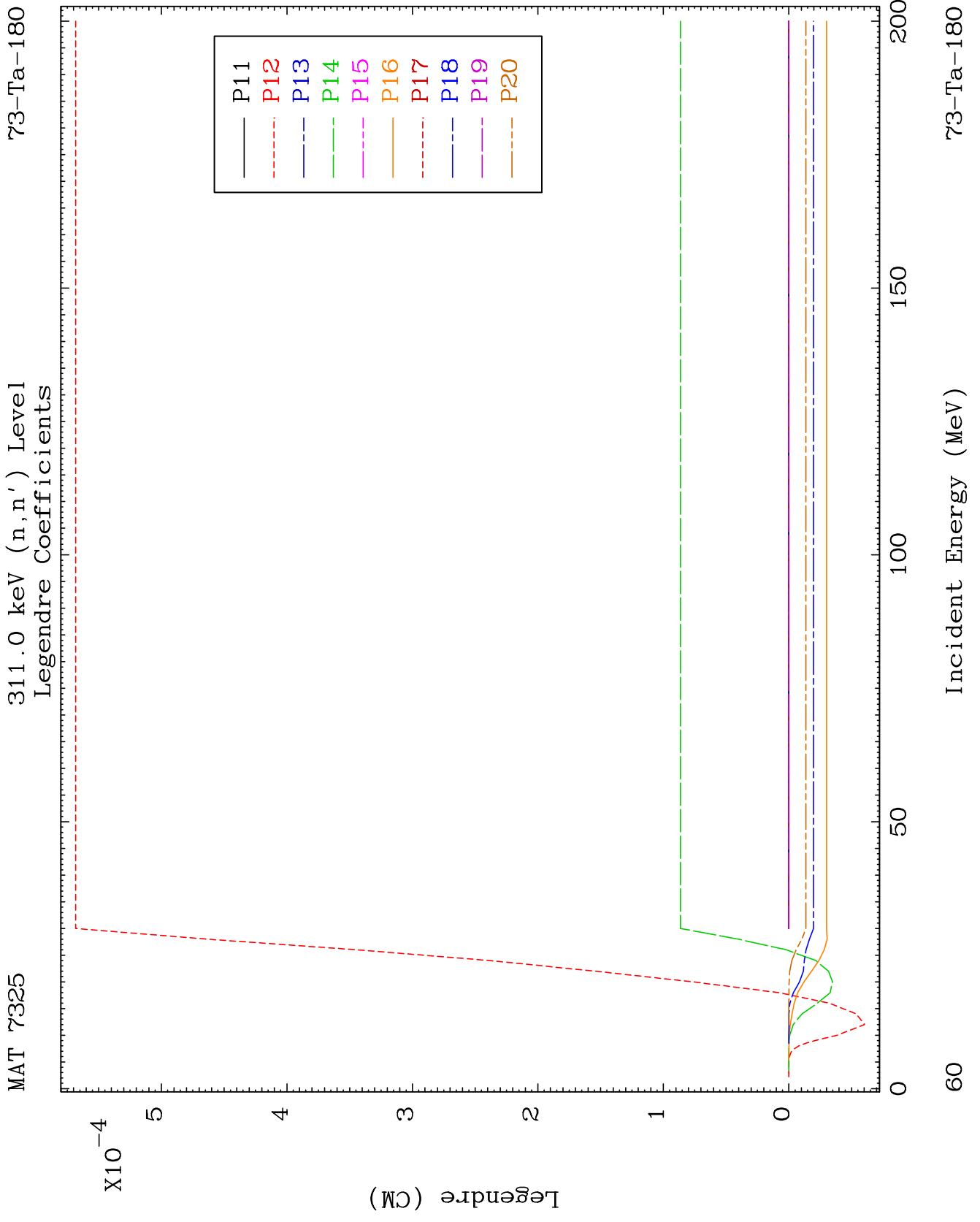
57

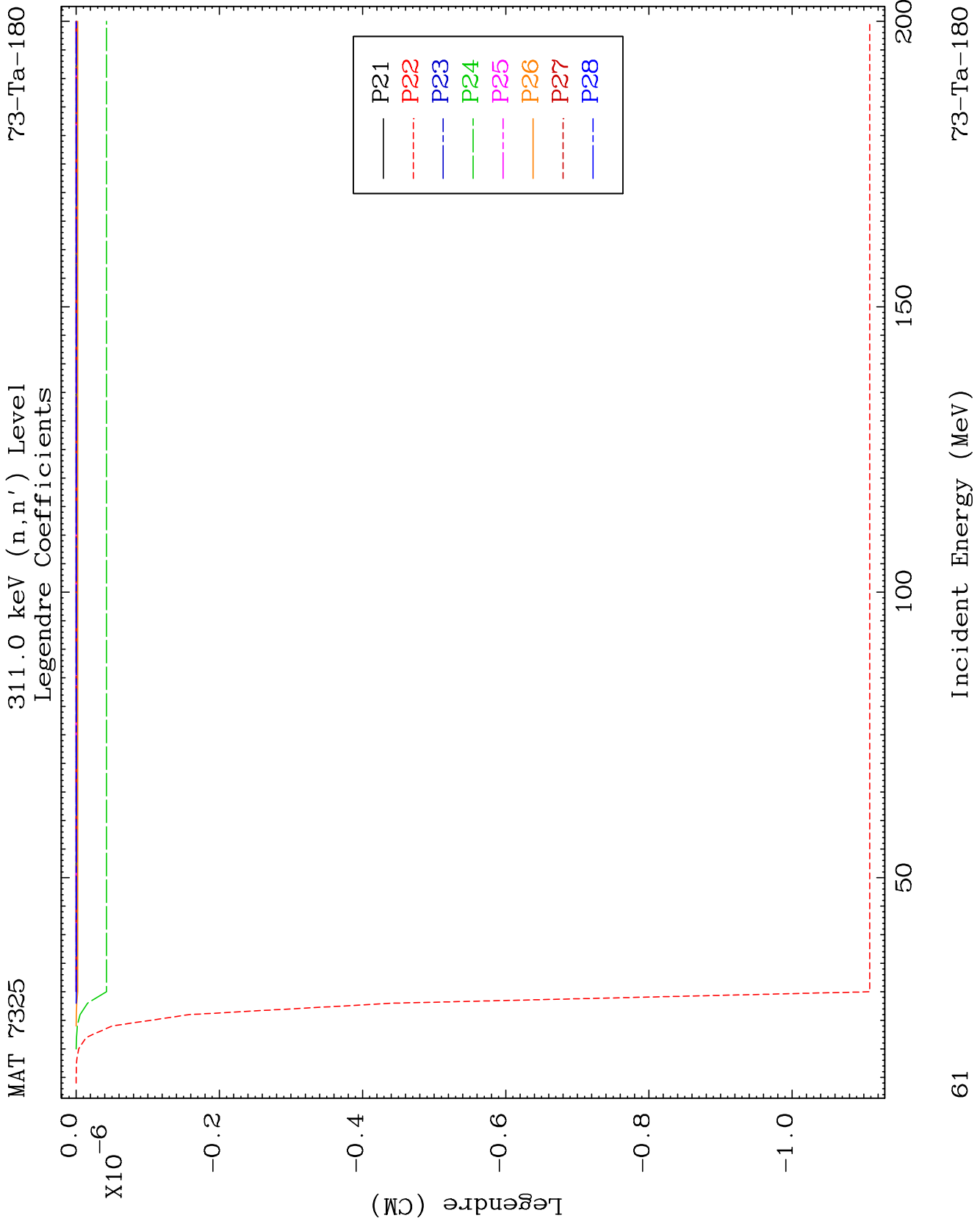
Incident Energy (MeV)

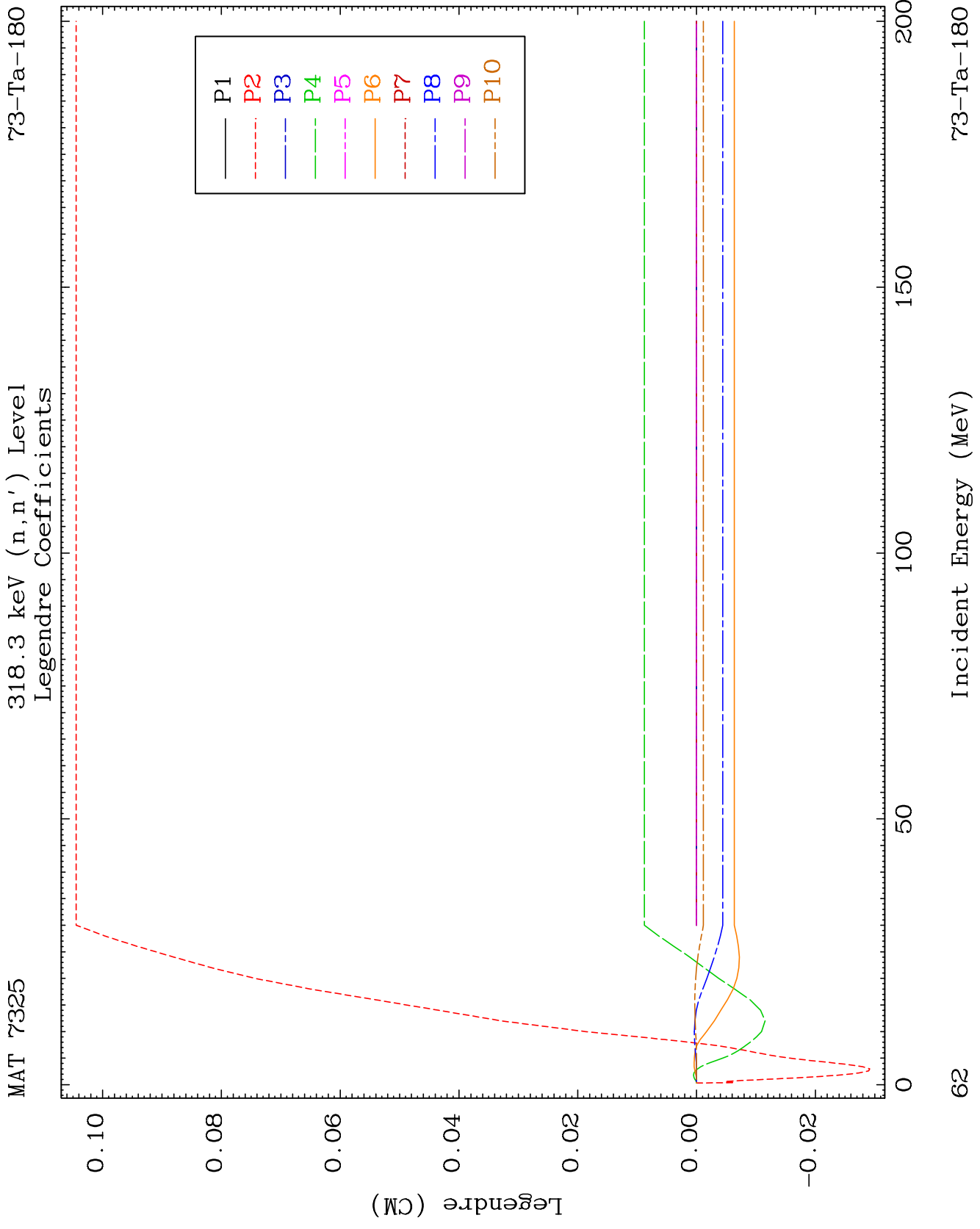
73-Ta-180

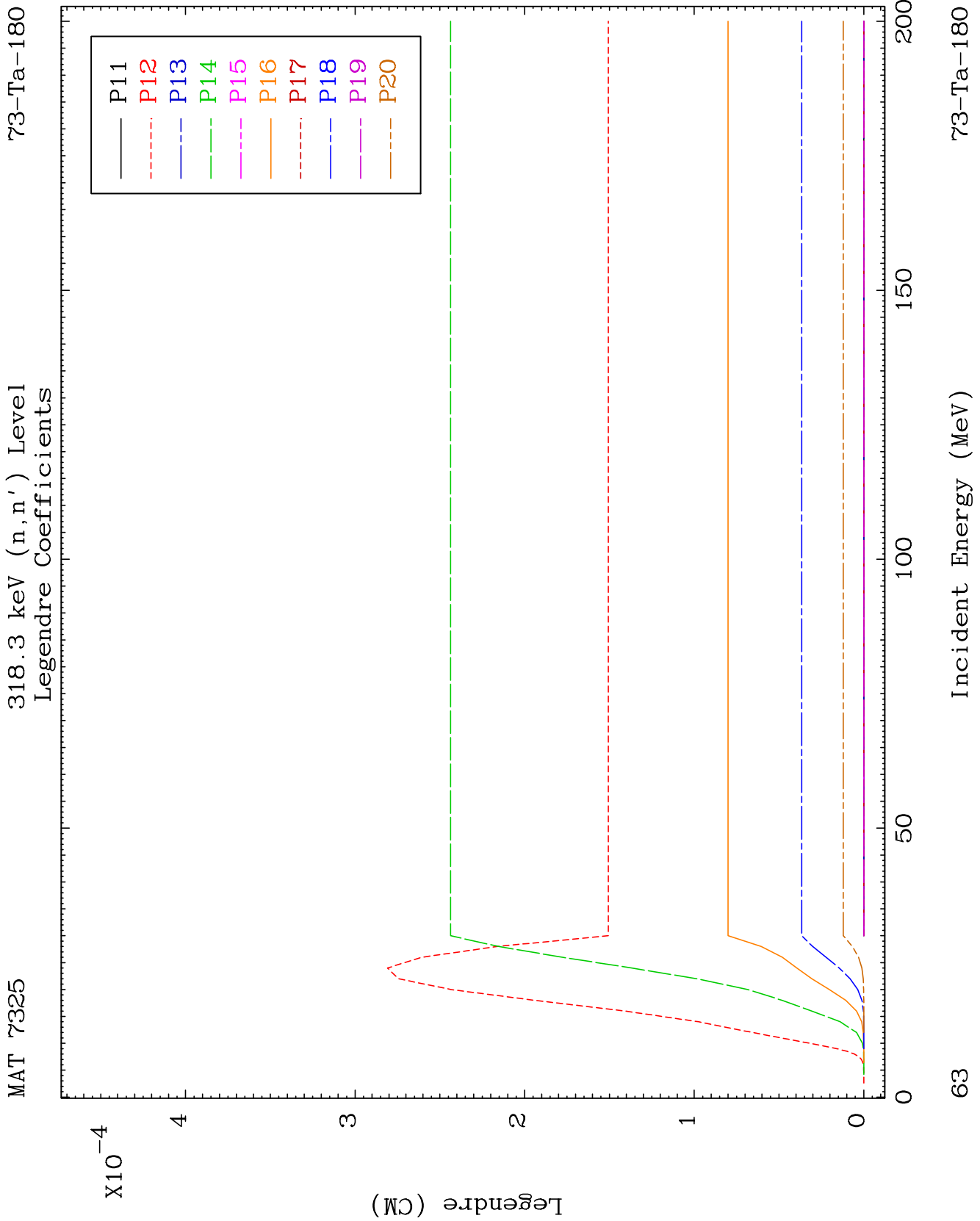


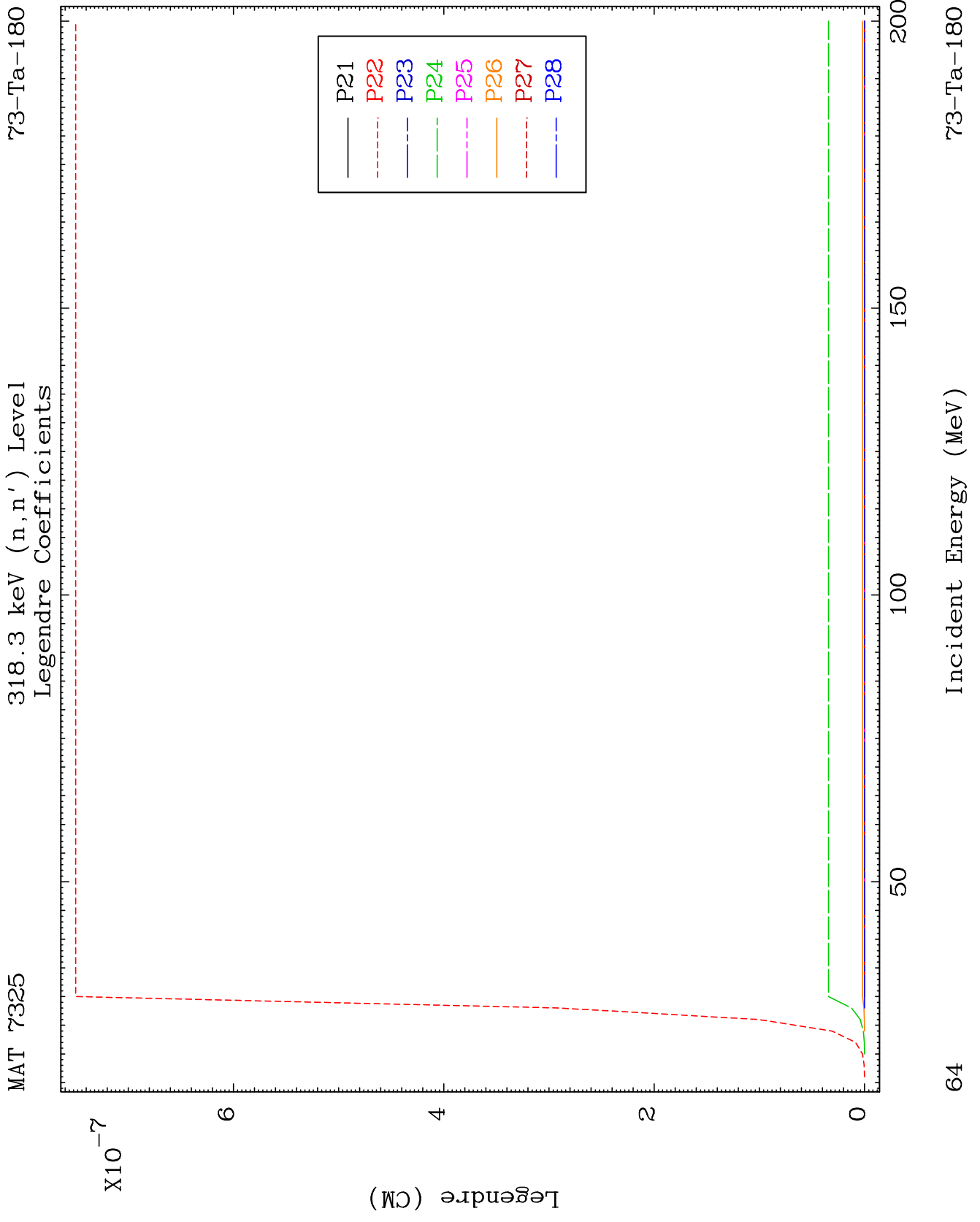


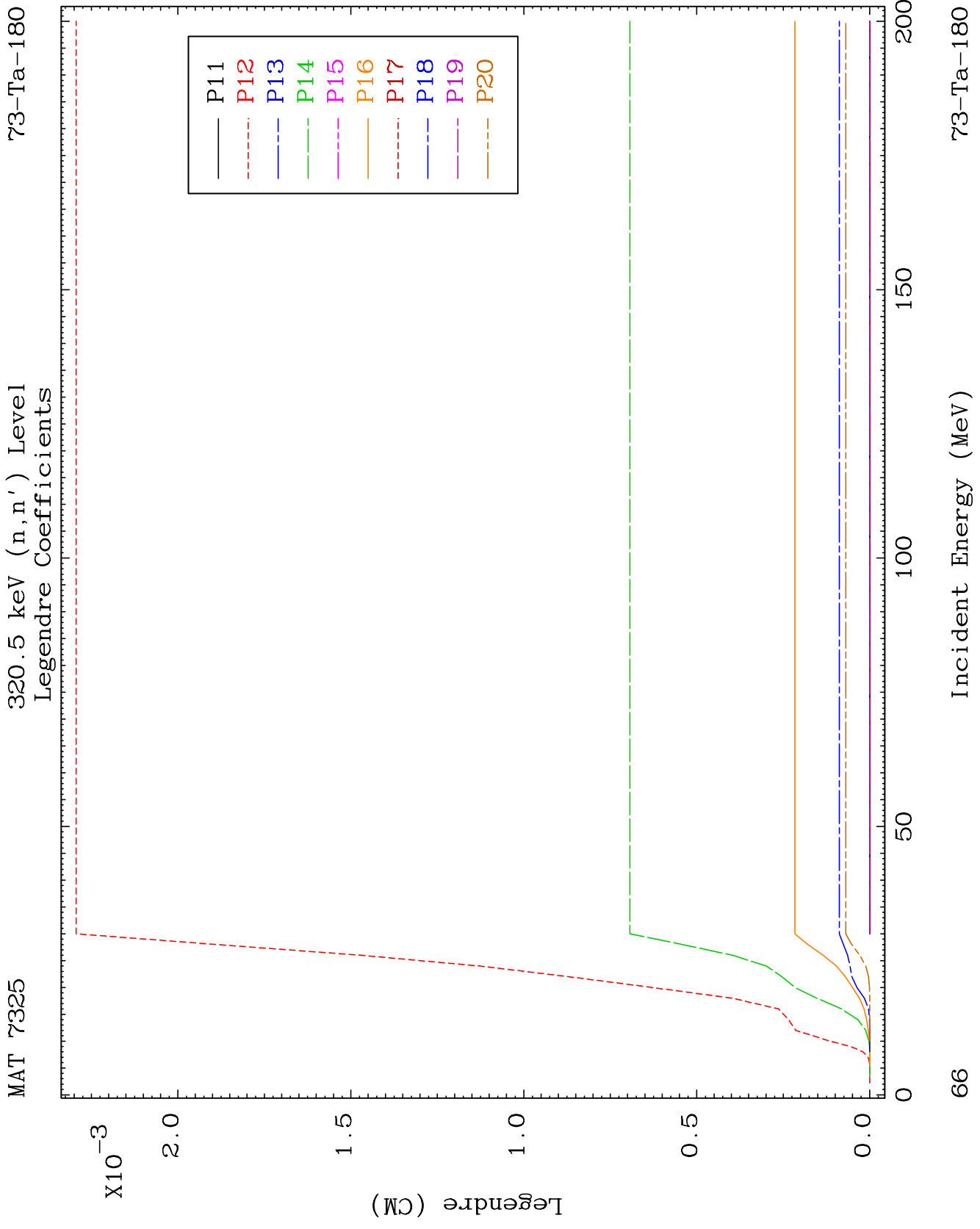


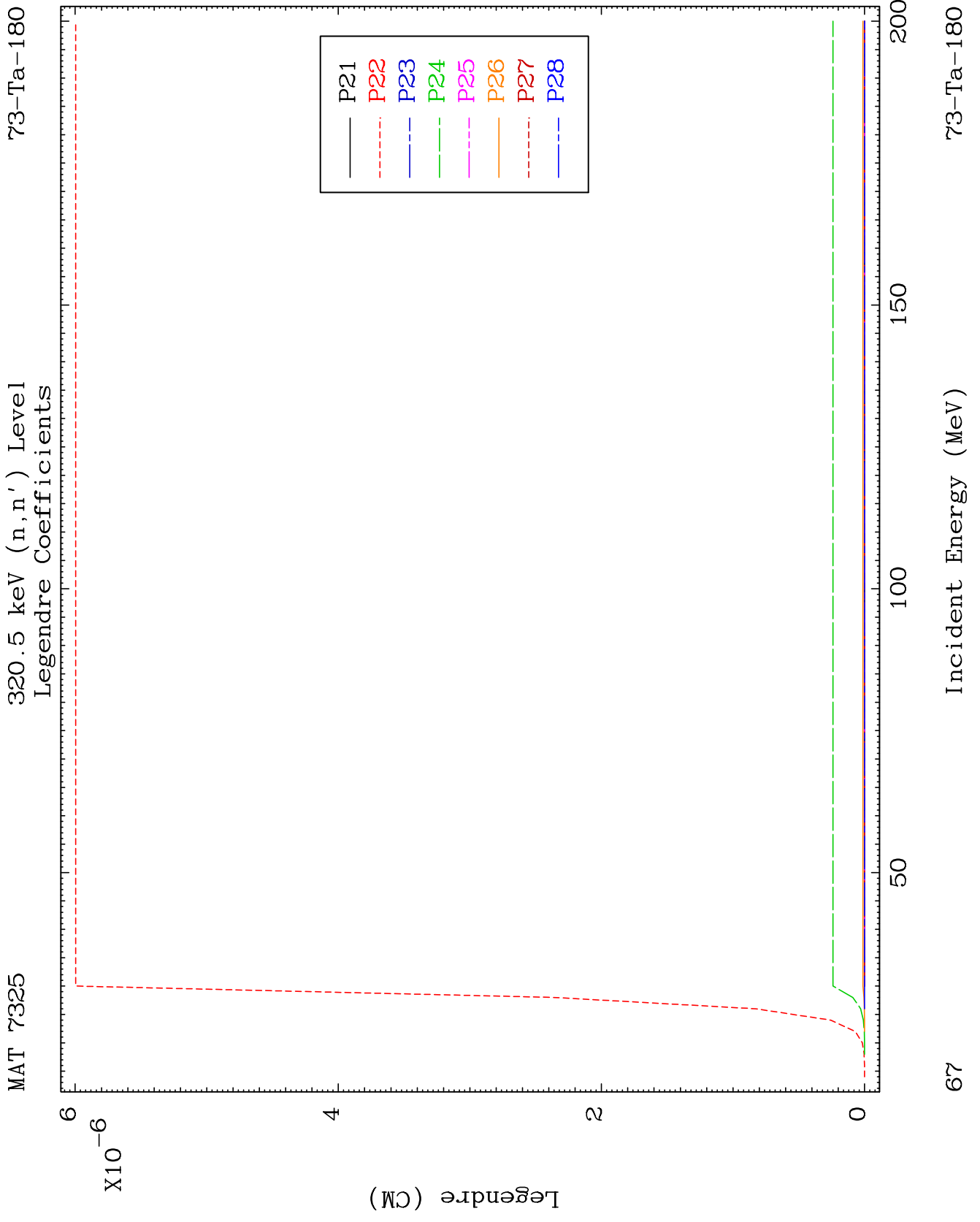








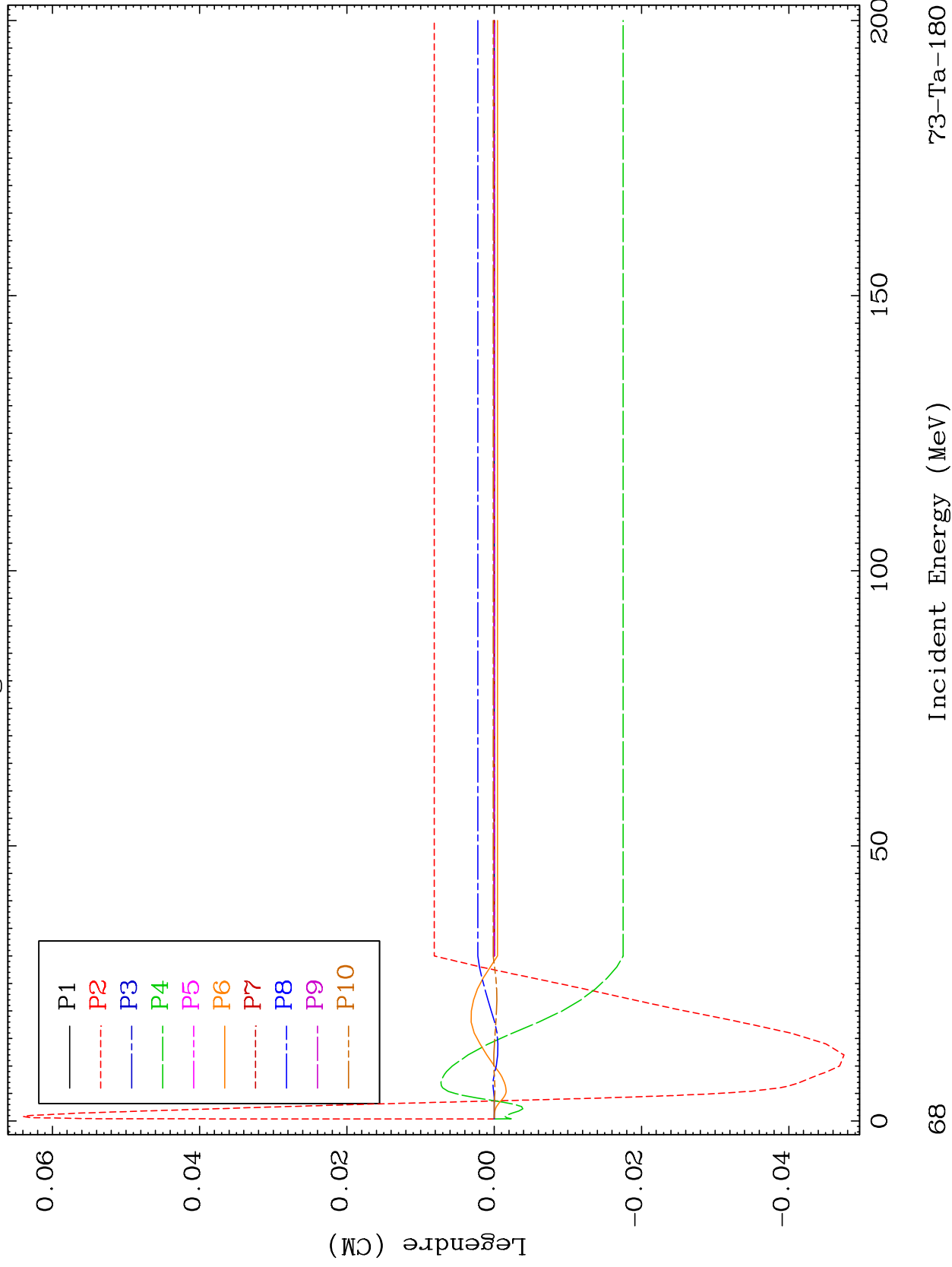




MAT 7325

356.7 keV (n,n') Level
Legendre Coefficients

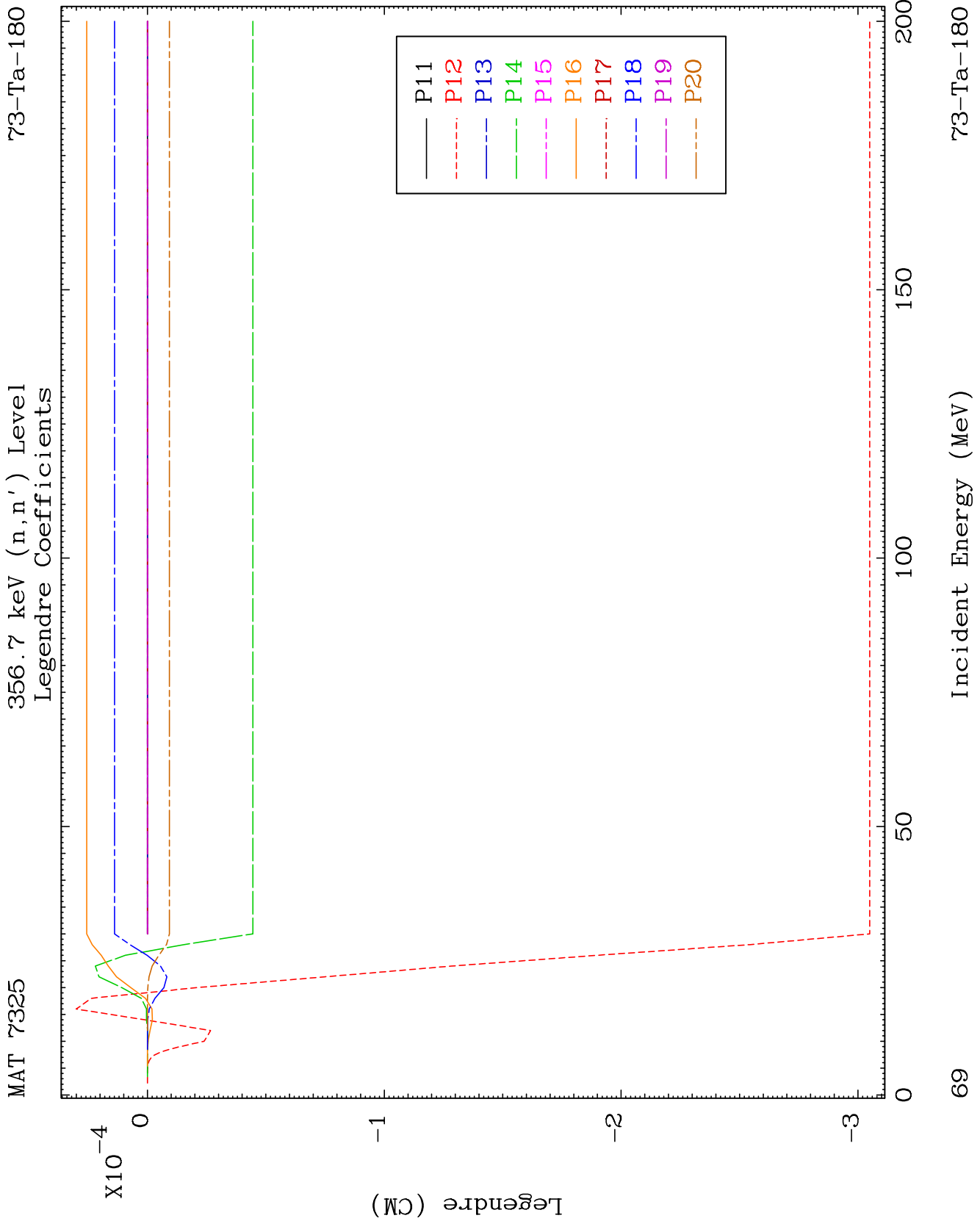
73-Ta-180

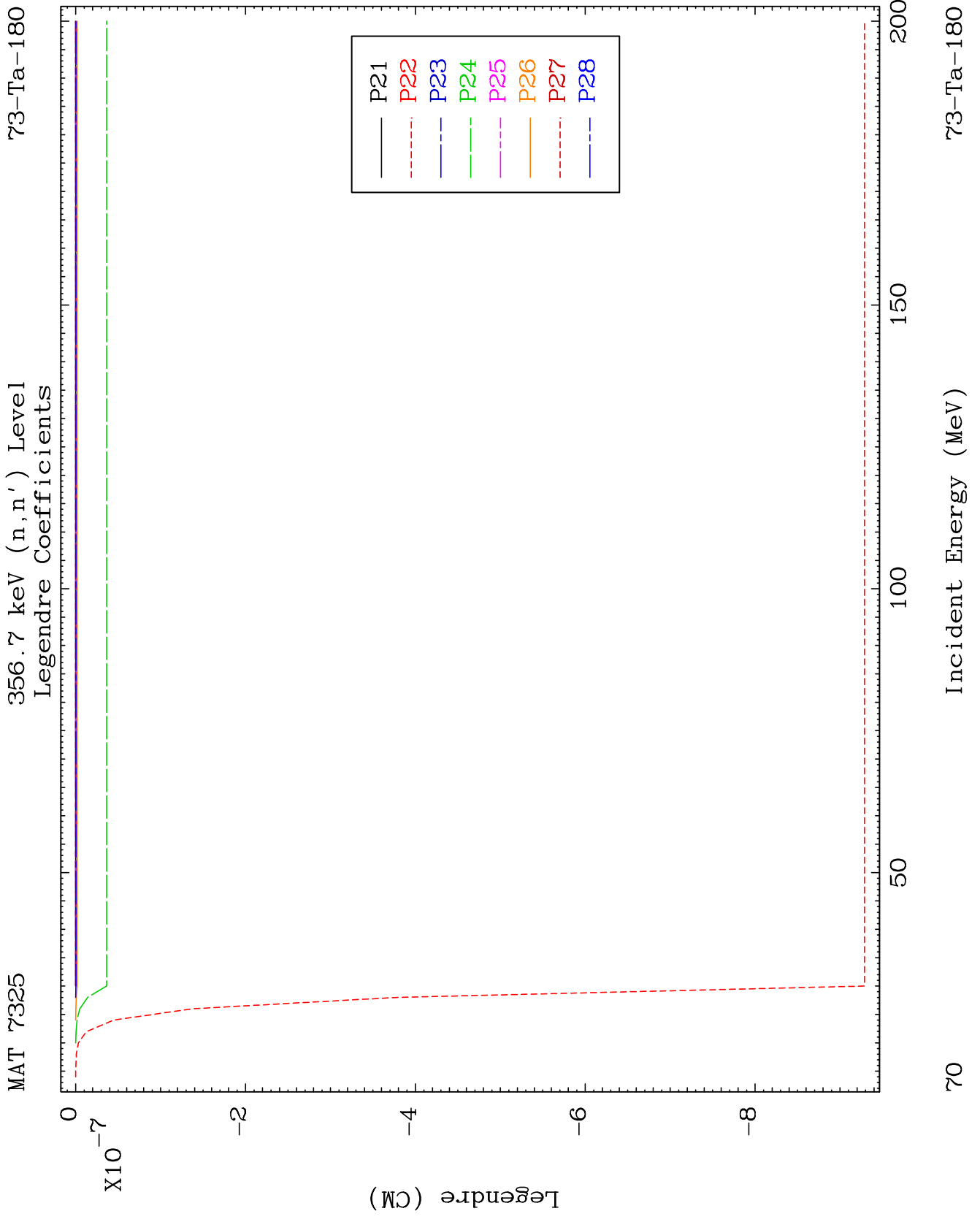


73-Ta-180

Incident Energy (MeV)

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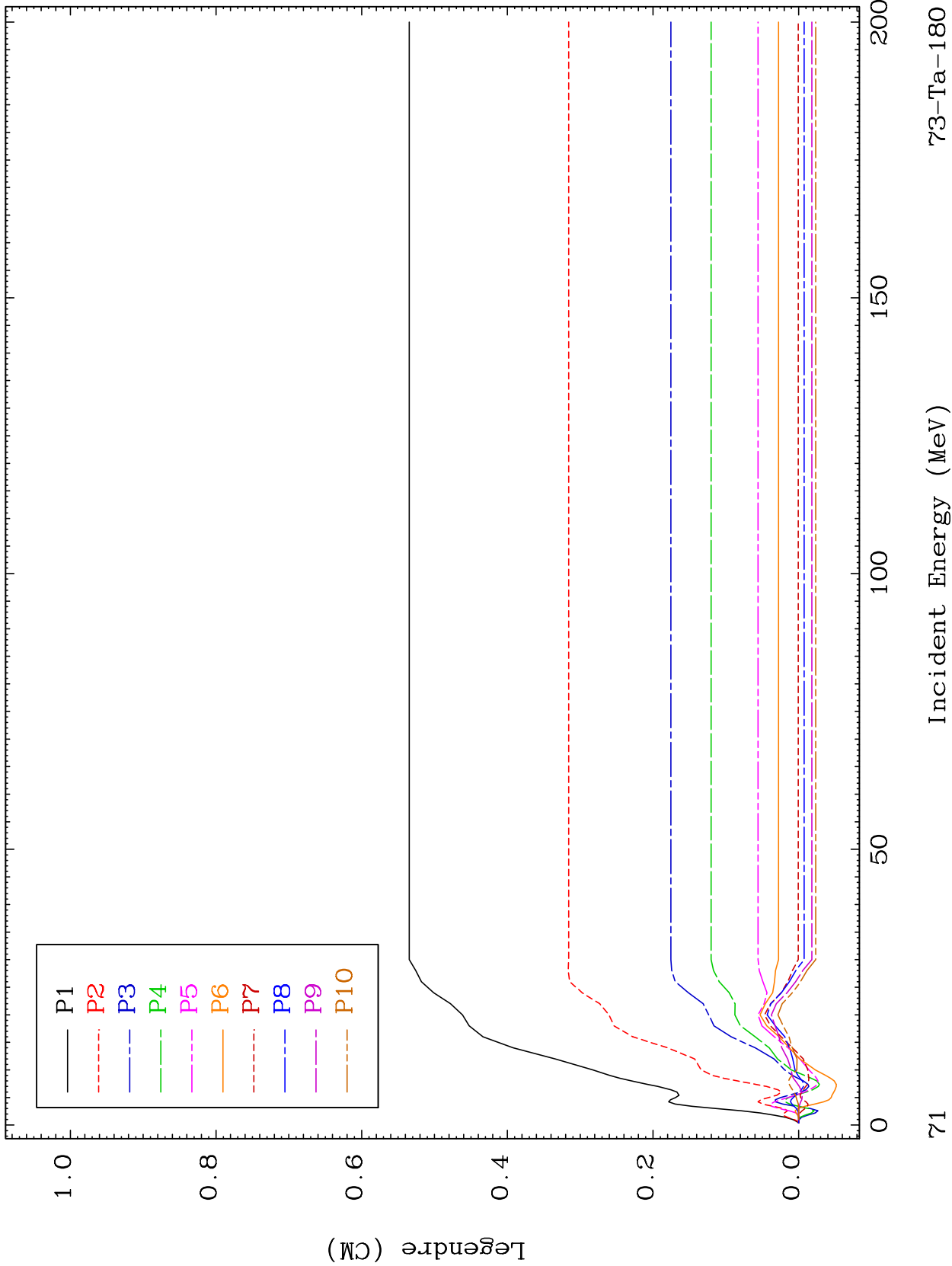




MAT 7325

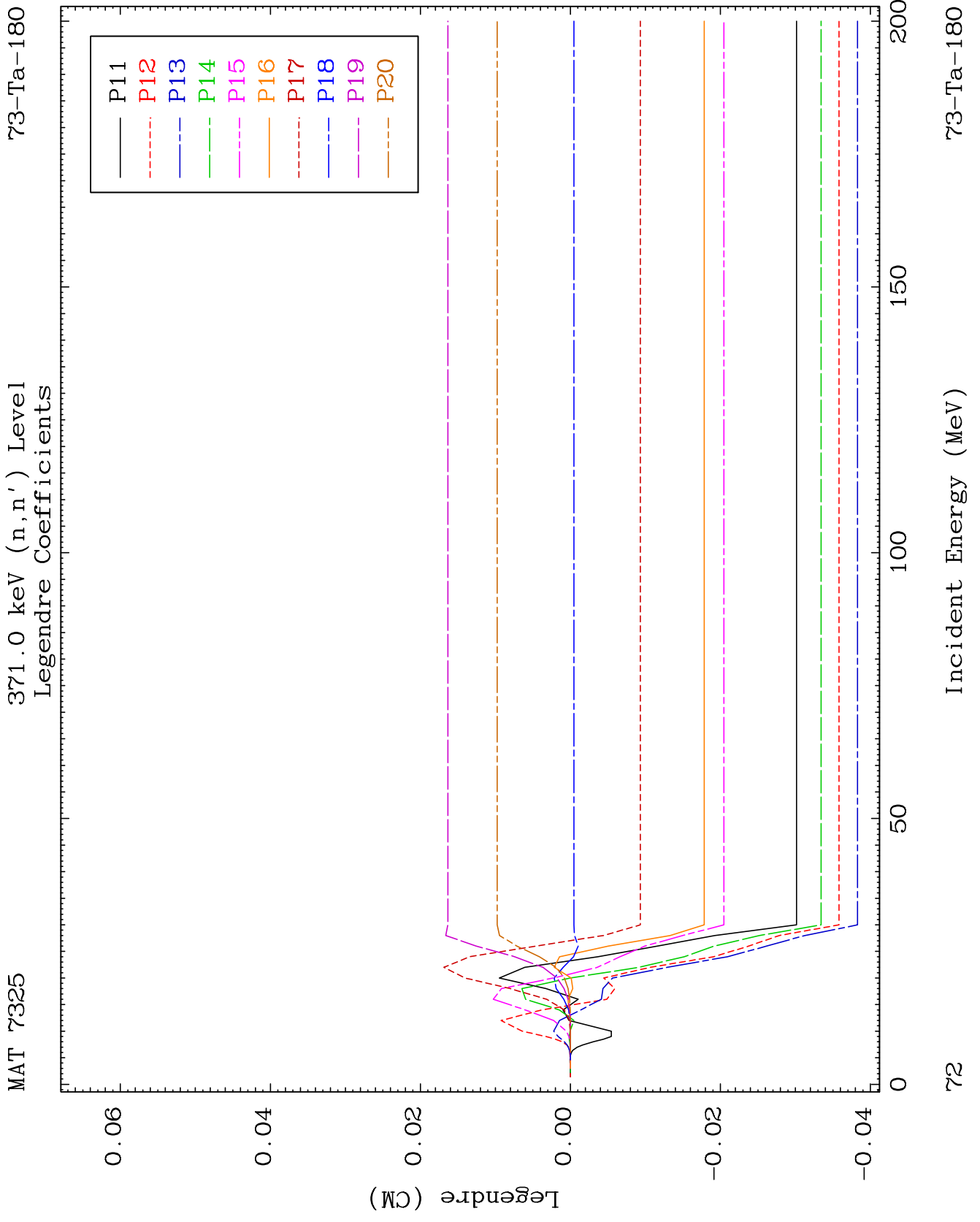
371.0 keV (n,n') Level
Legendre Coefficients

73-Ta-180



71

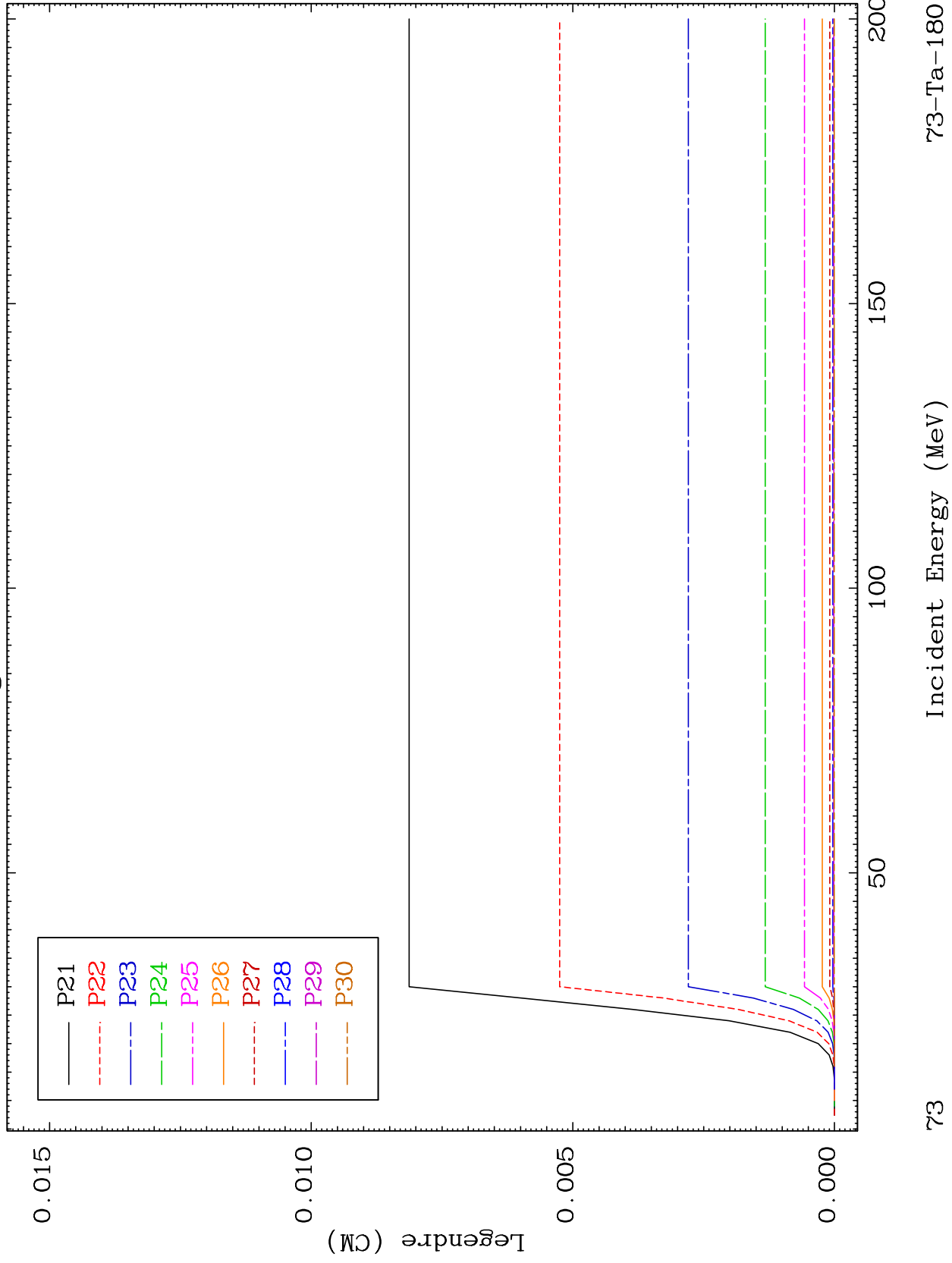
73-Ta-180



MAT 7325

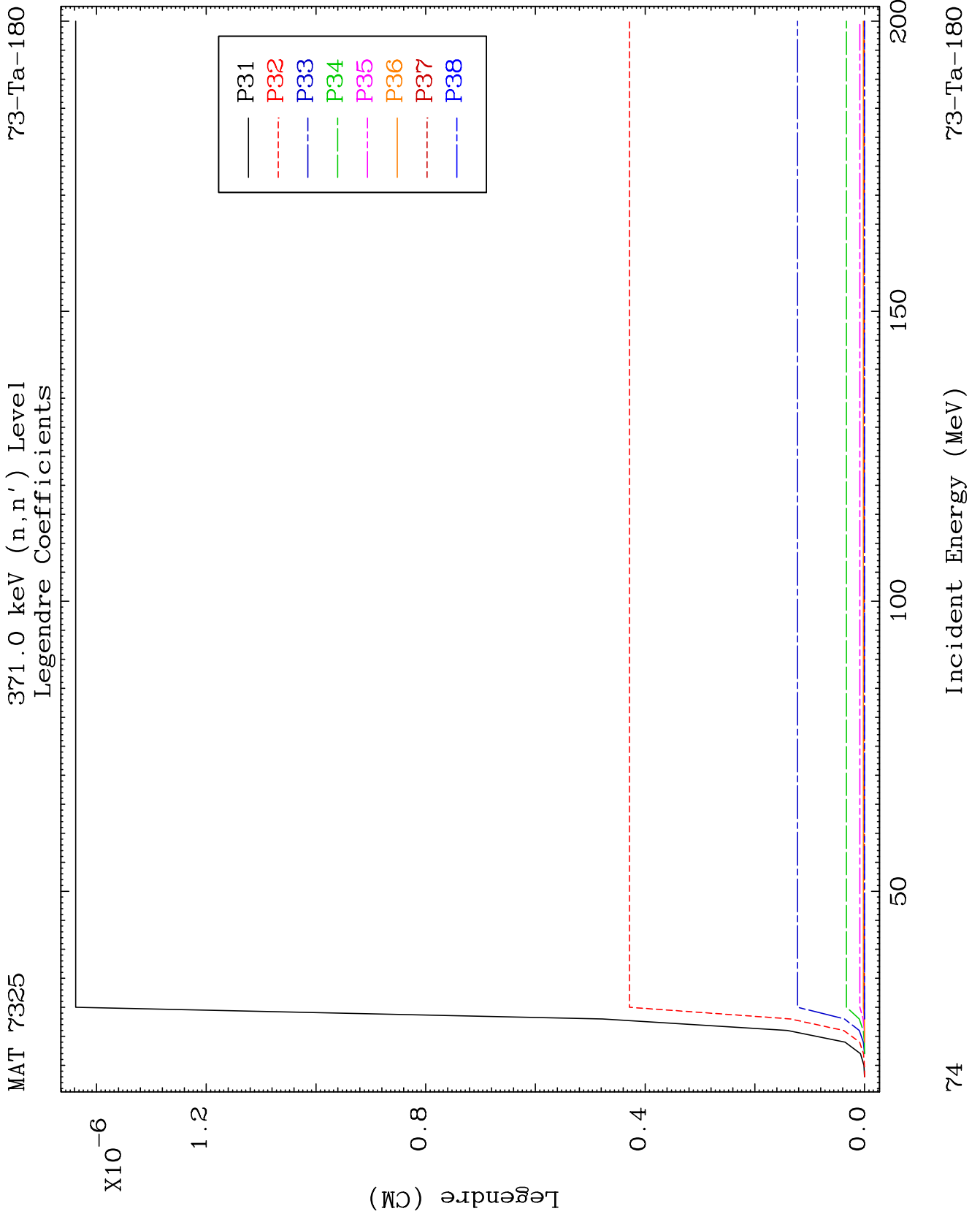
371.0 keV (n,n') Level
Legendre Coefficients

73-Ta-180



73

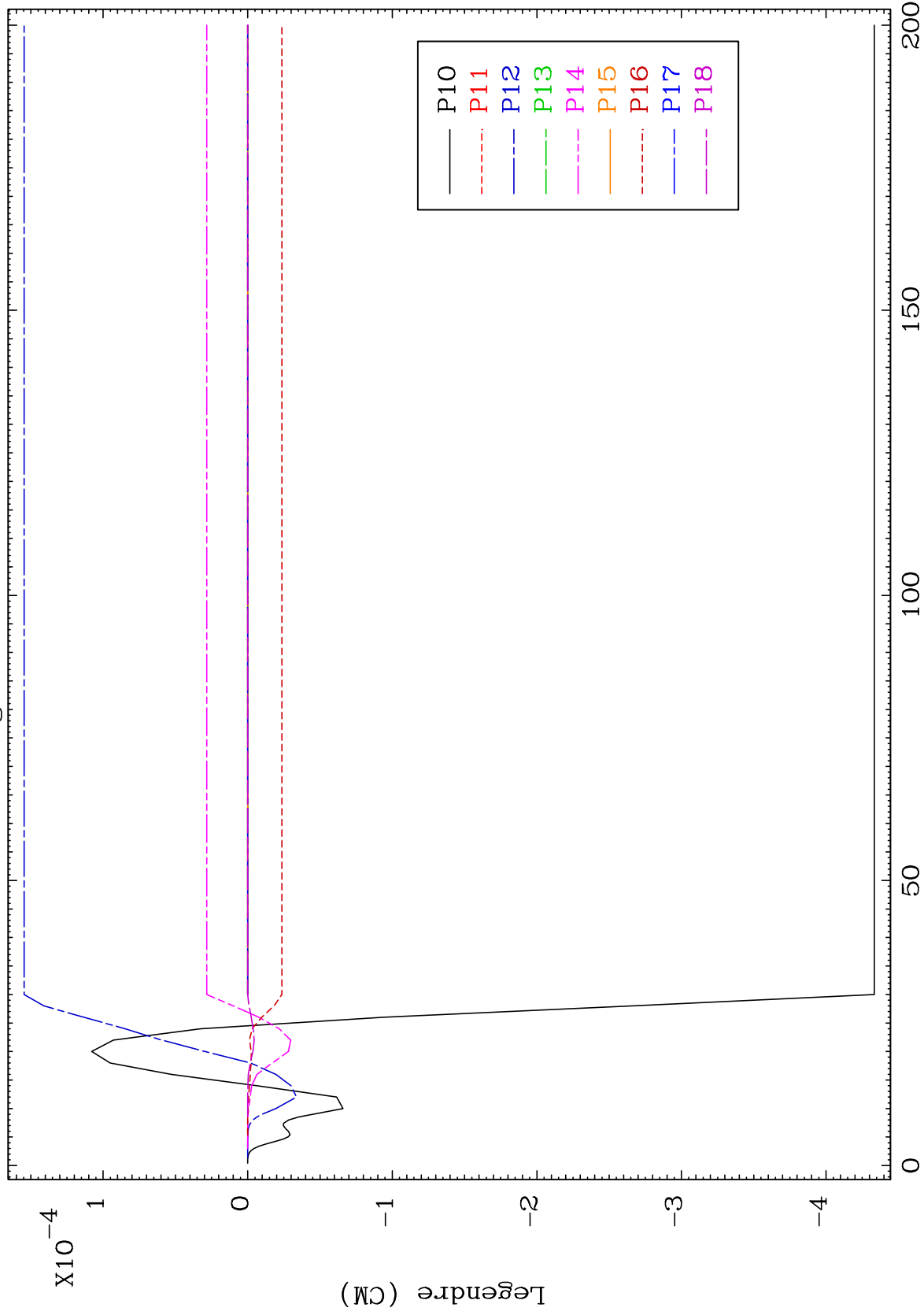
73-Ta-180



MAT 7325

373.7 keV (n,n') Level
Legendre Coefficients

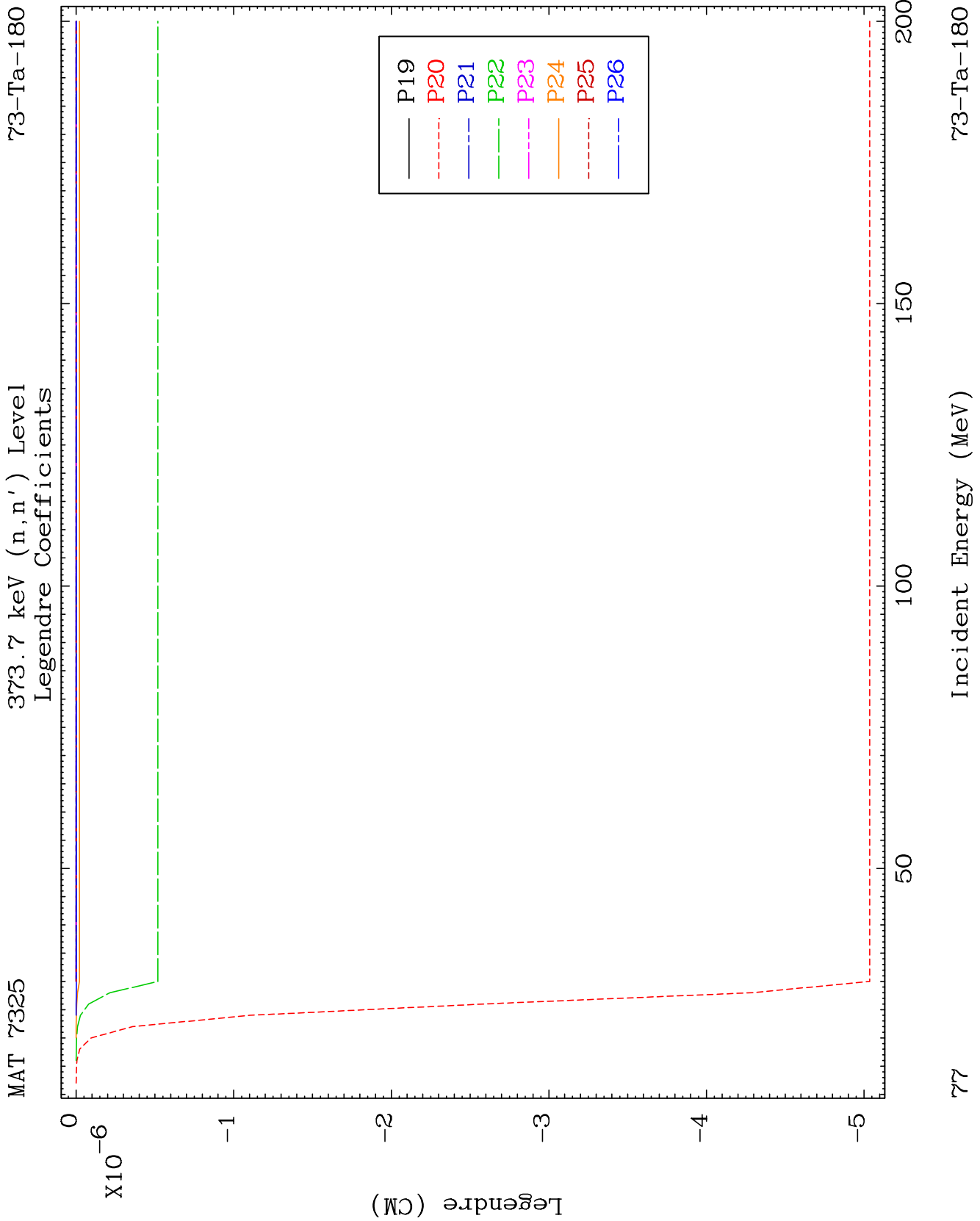
73-Ta-180



76

Incident Energy (MeV)

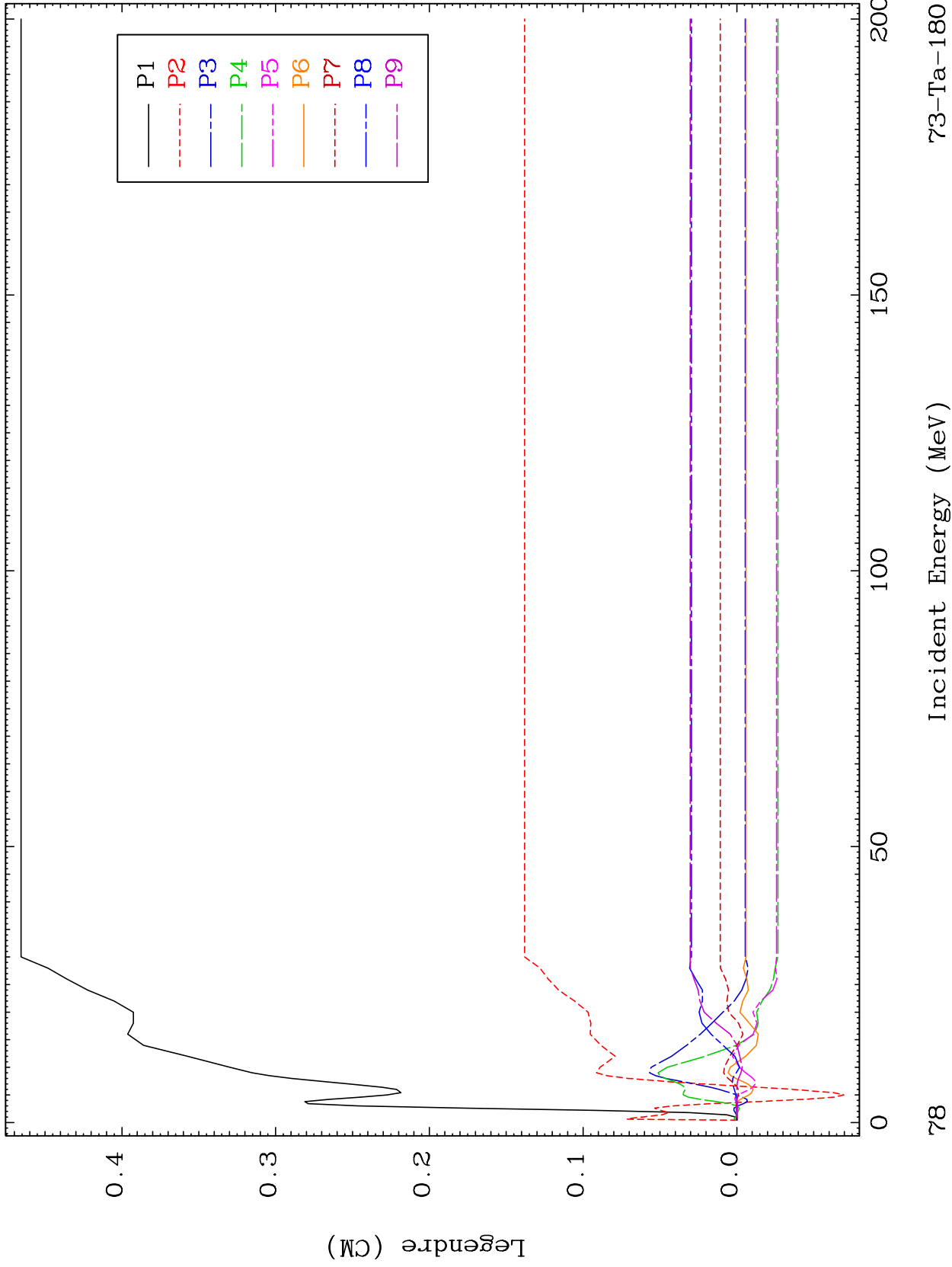
73-Ta-180



MAT 7325

416.4 keV (n,n') Level
Legendre Coefficients

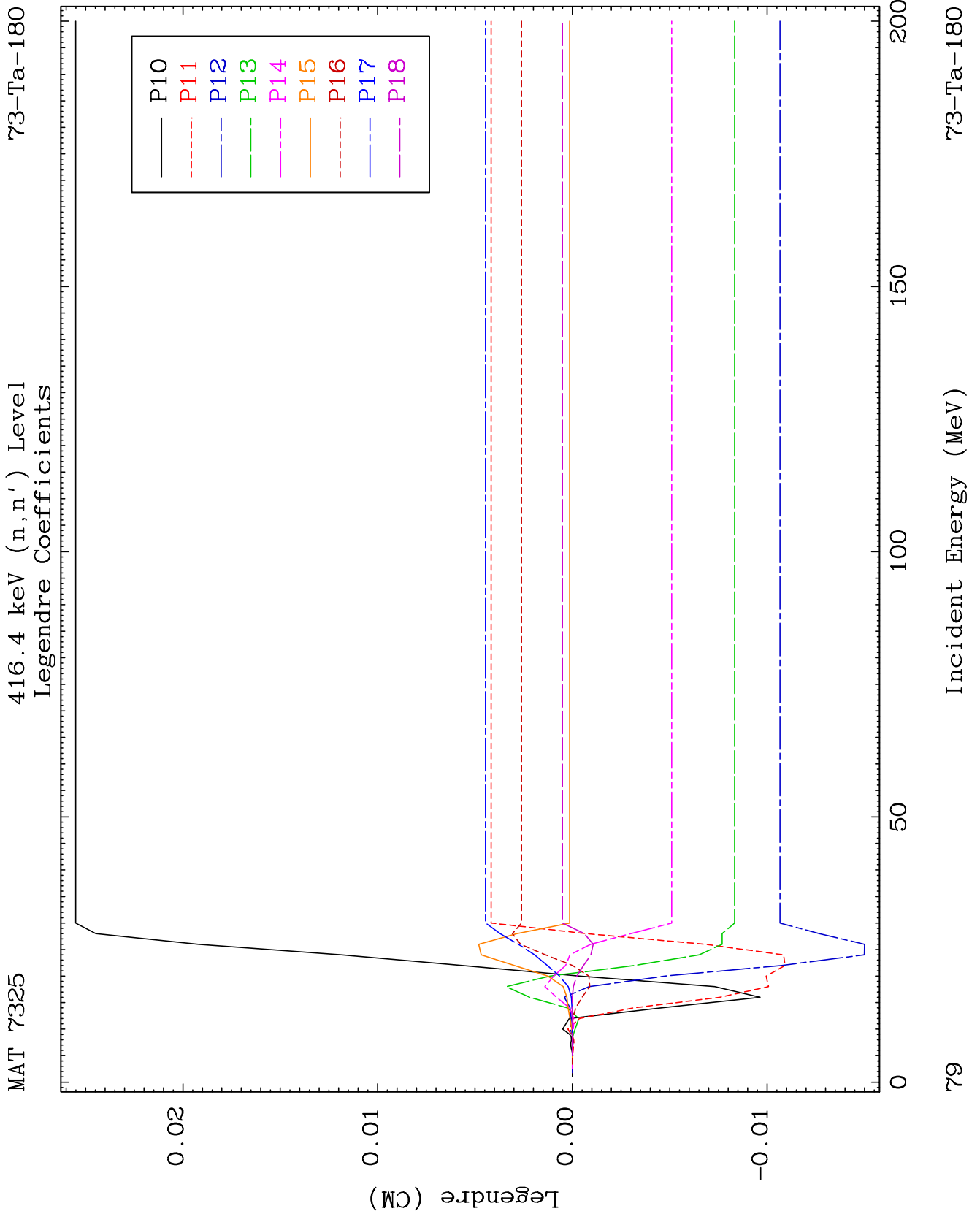
73-Ta-180

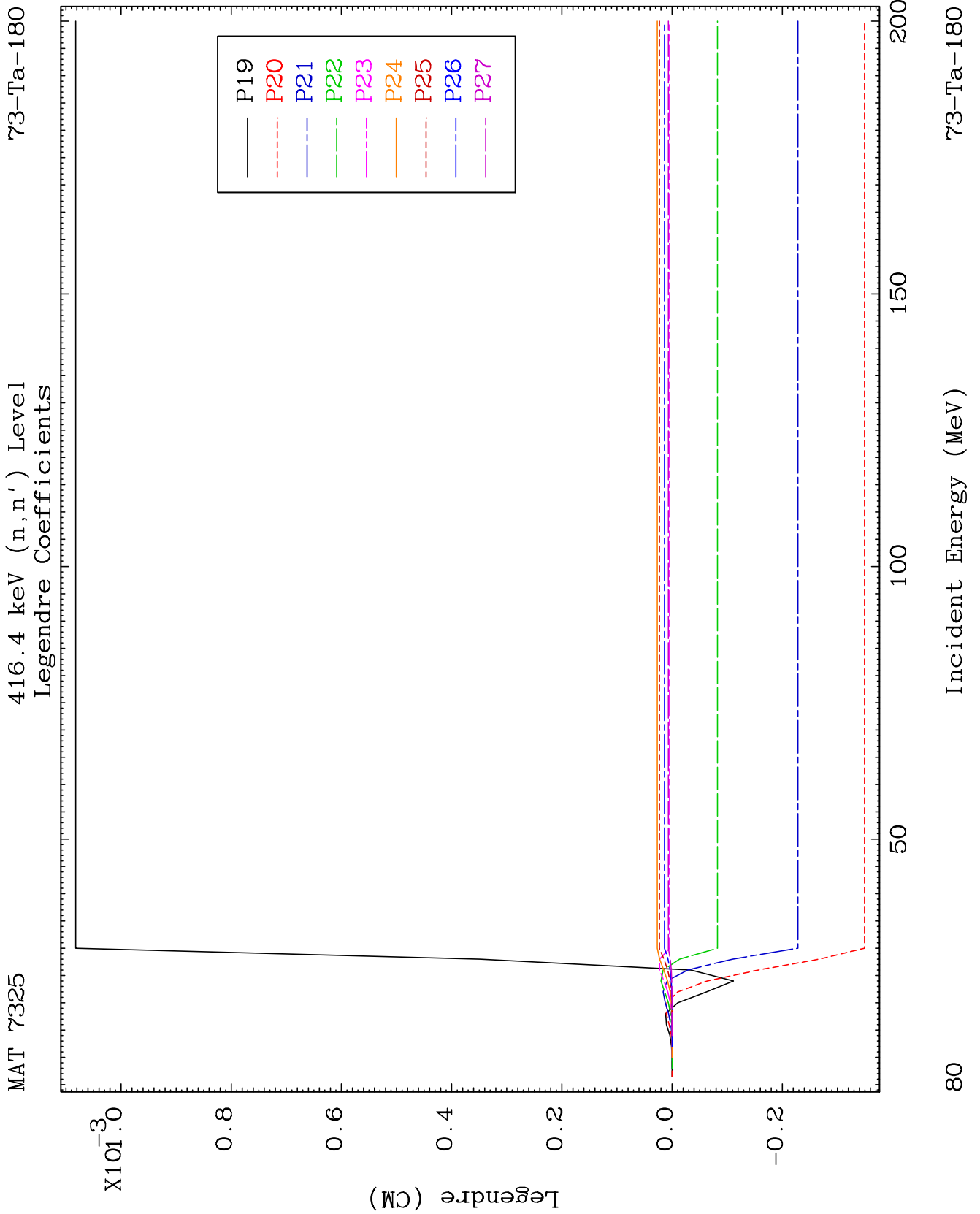


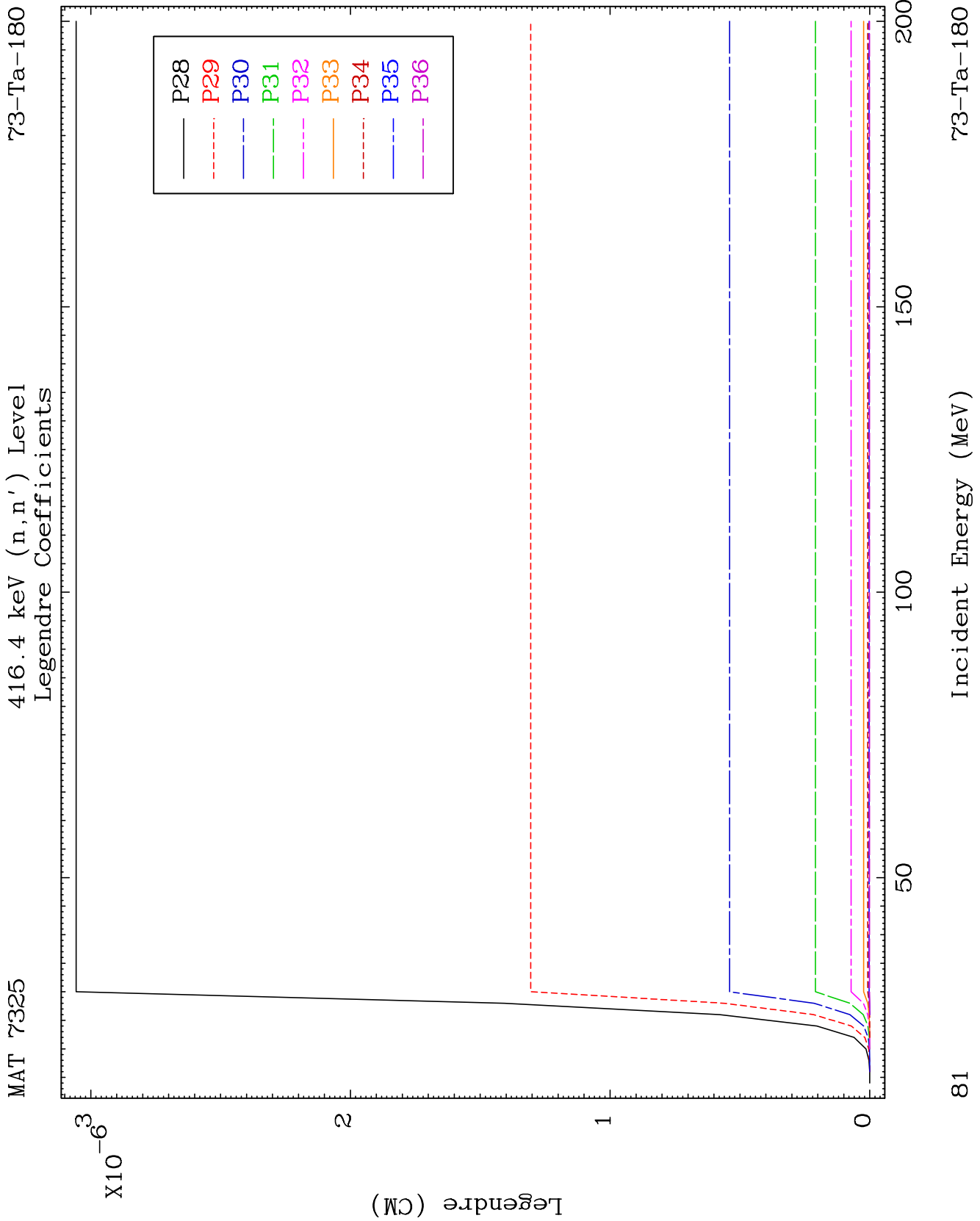
78

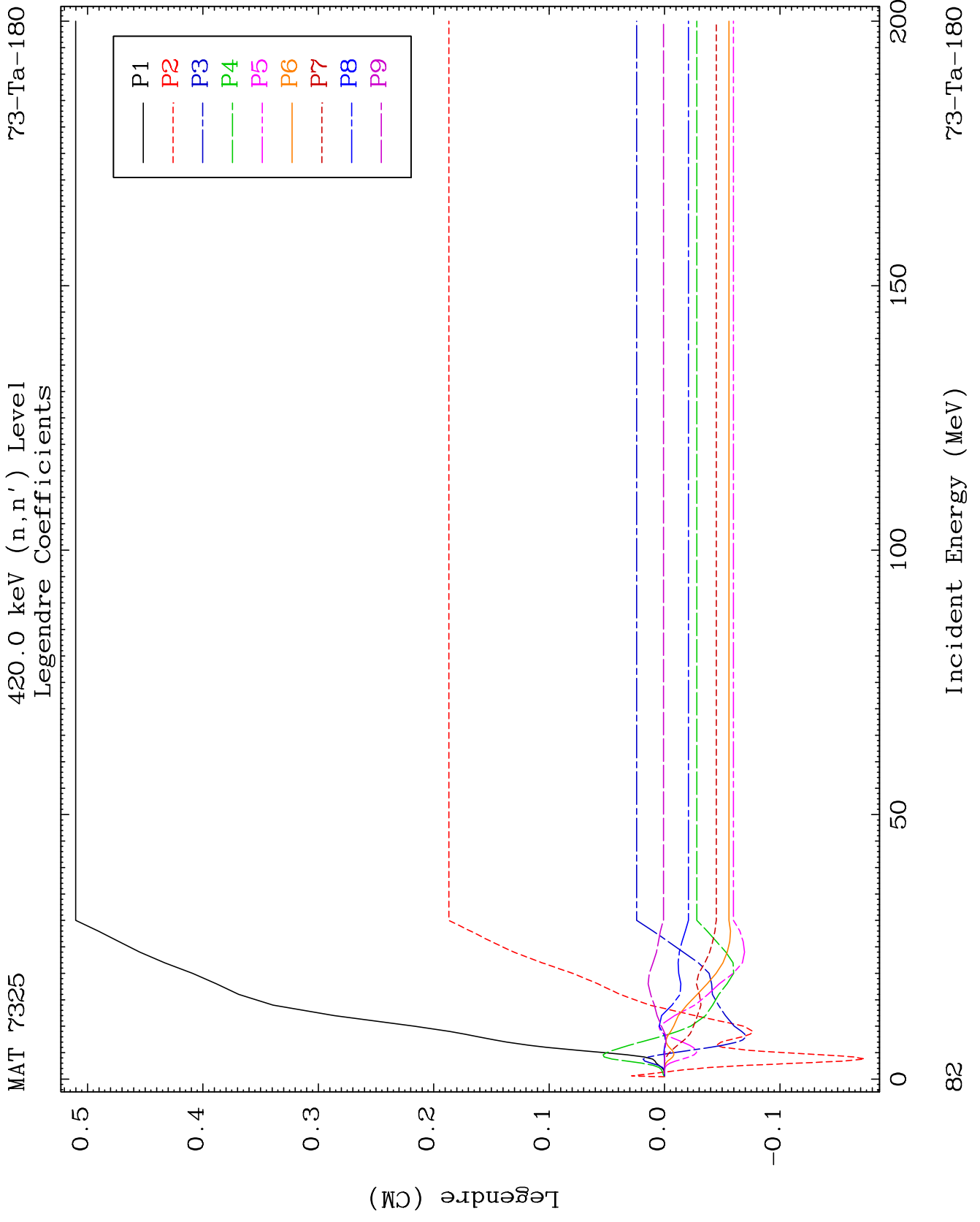
Incident Energy (MeV)

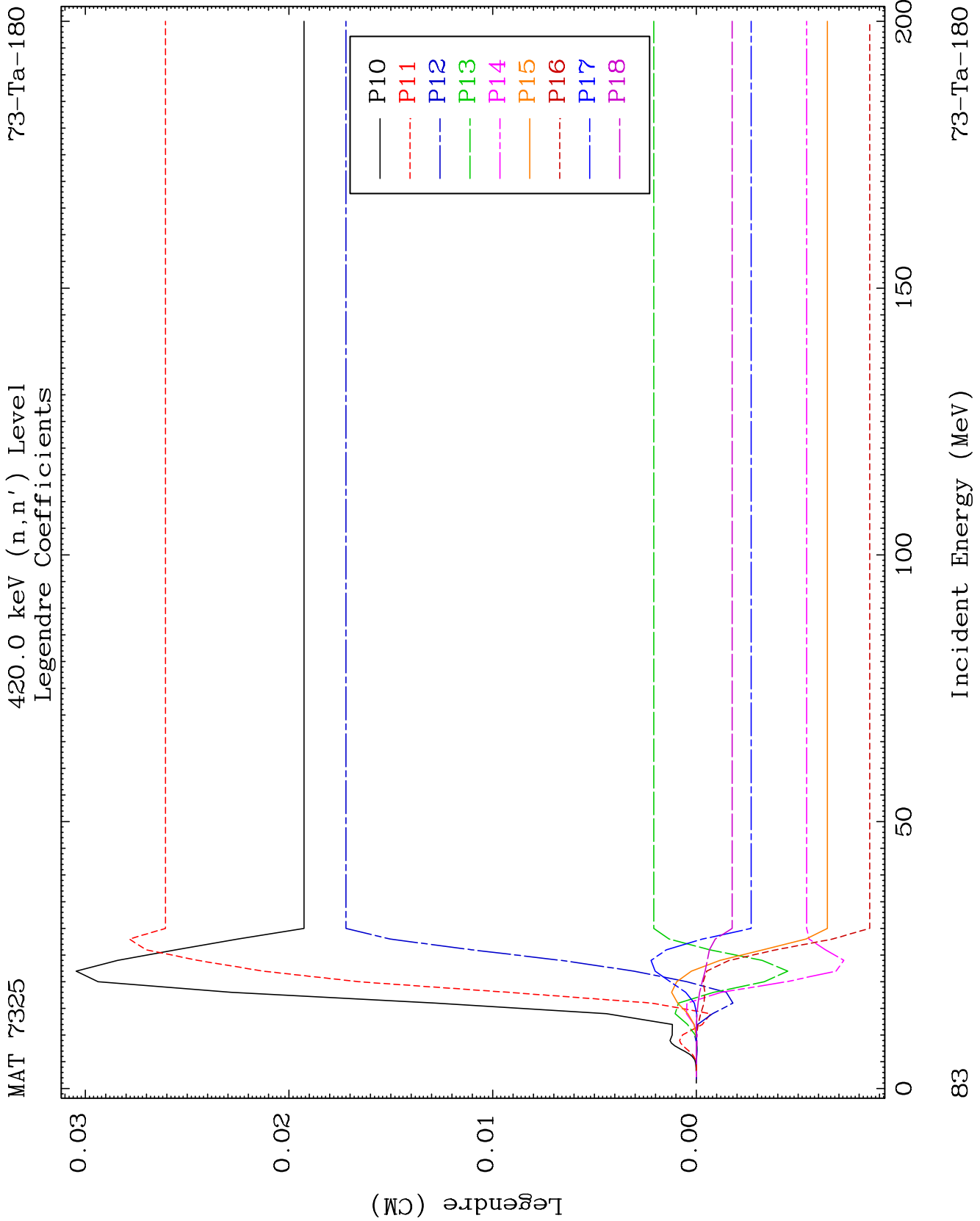
73-Ta-180

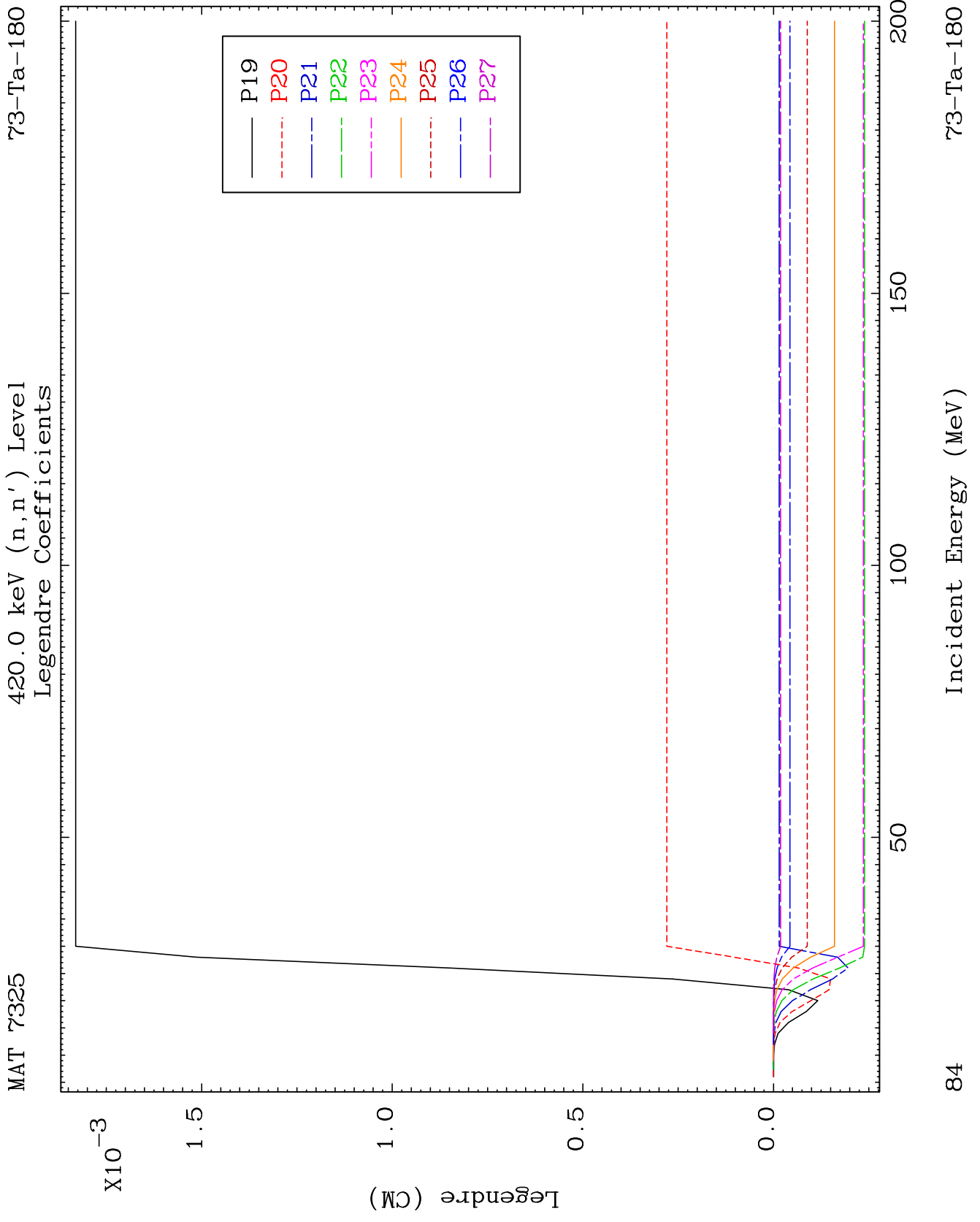


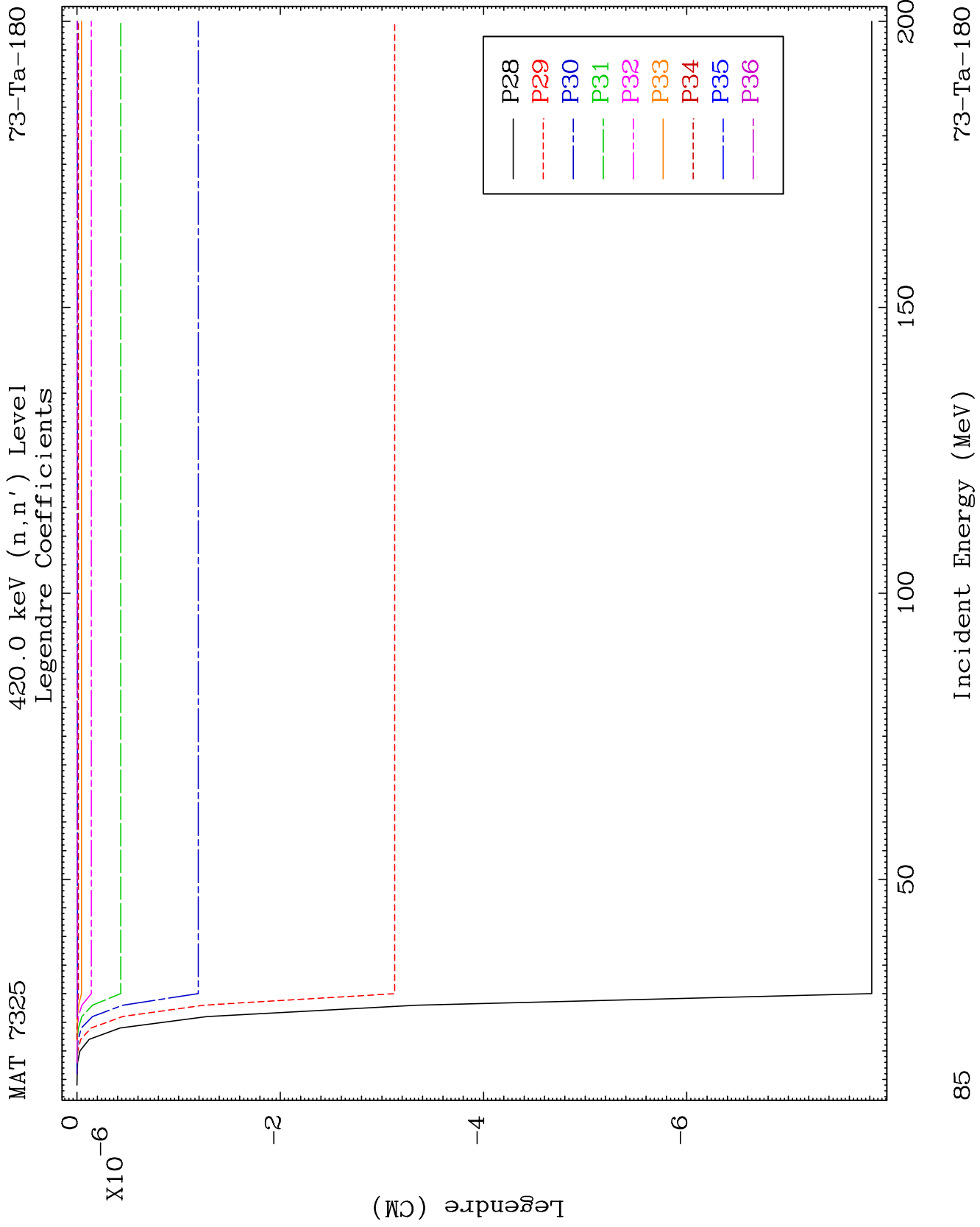


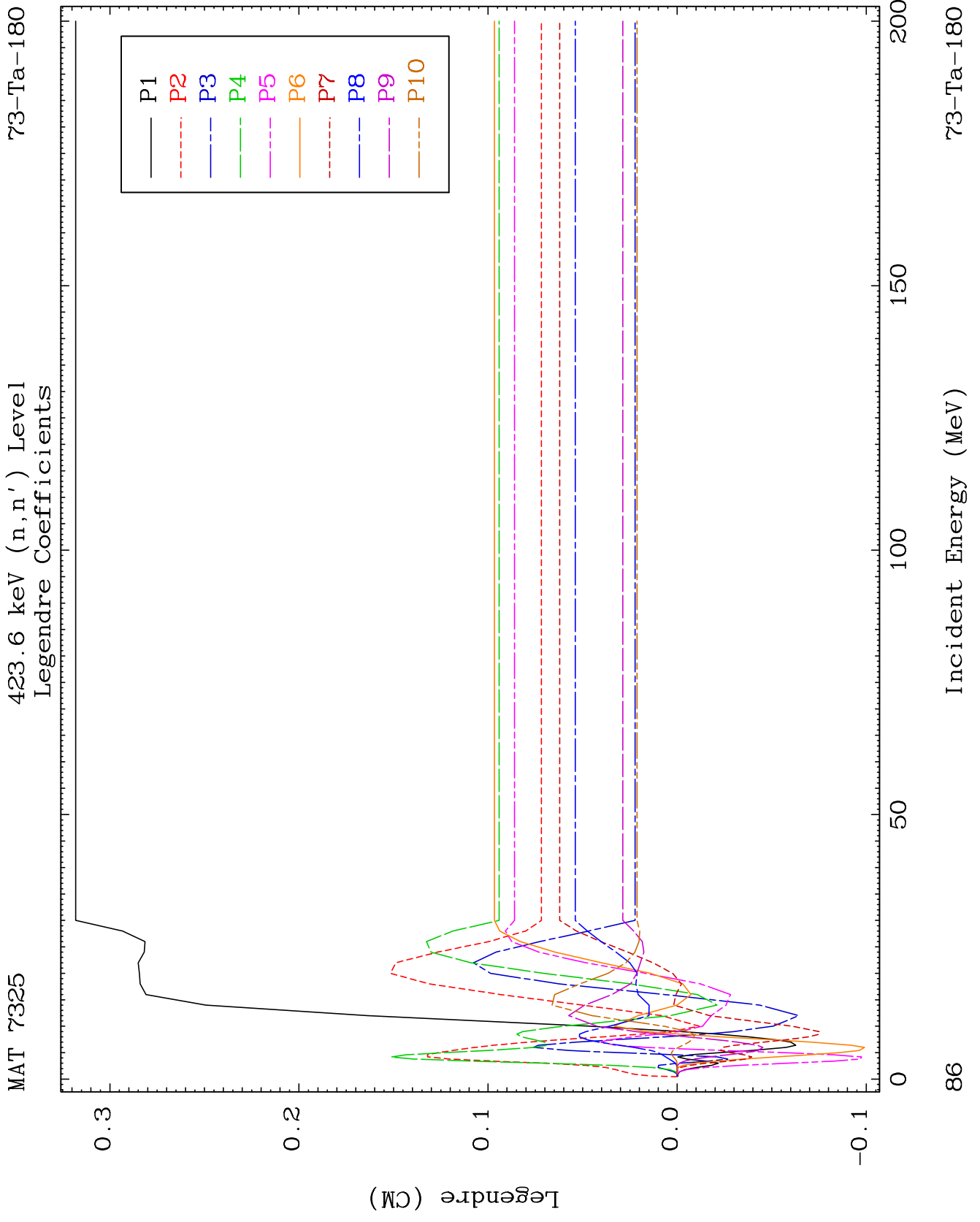


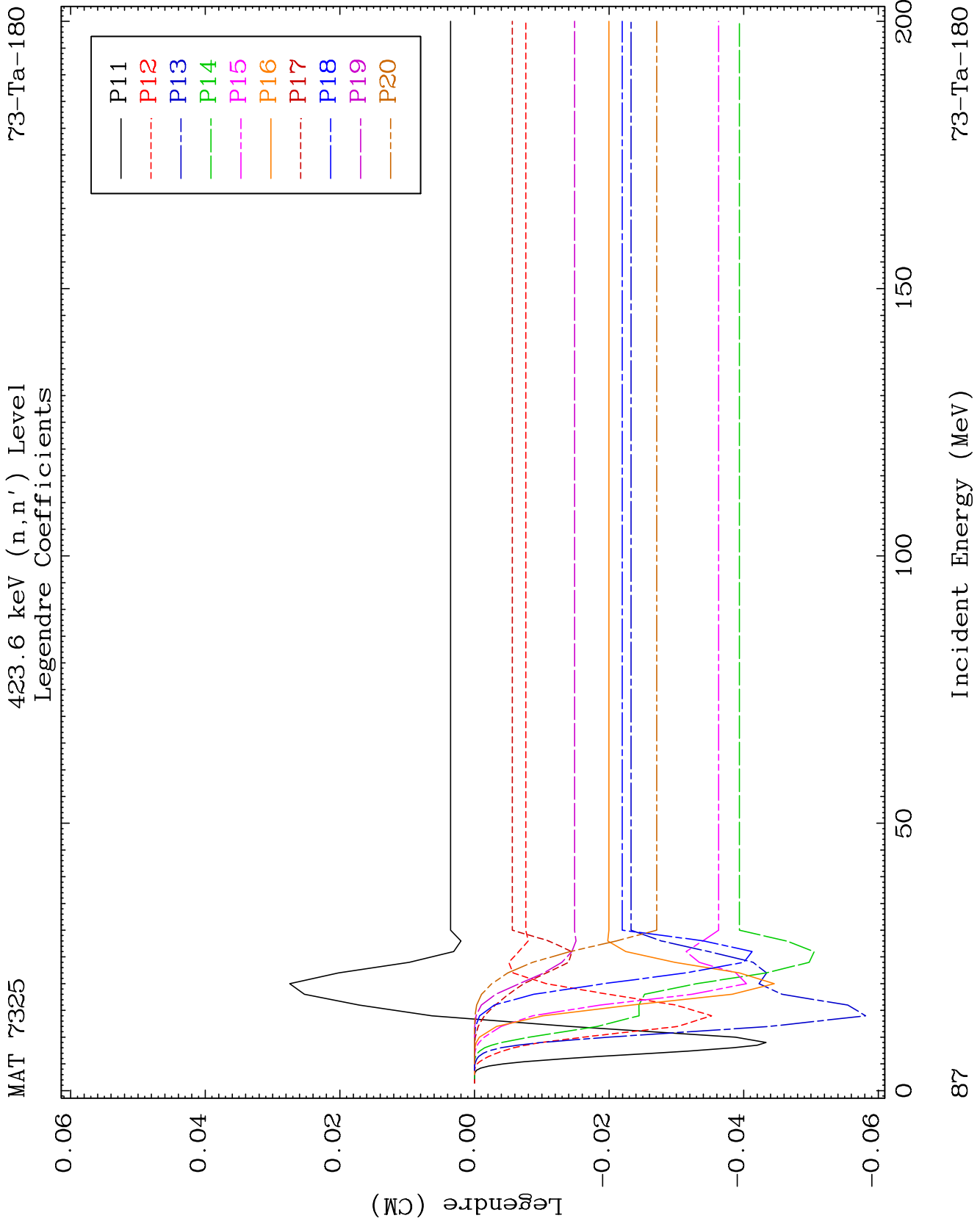


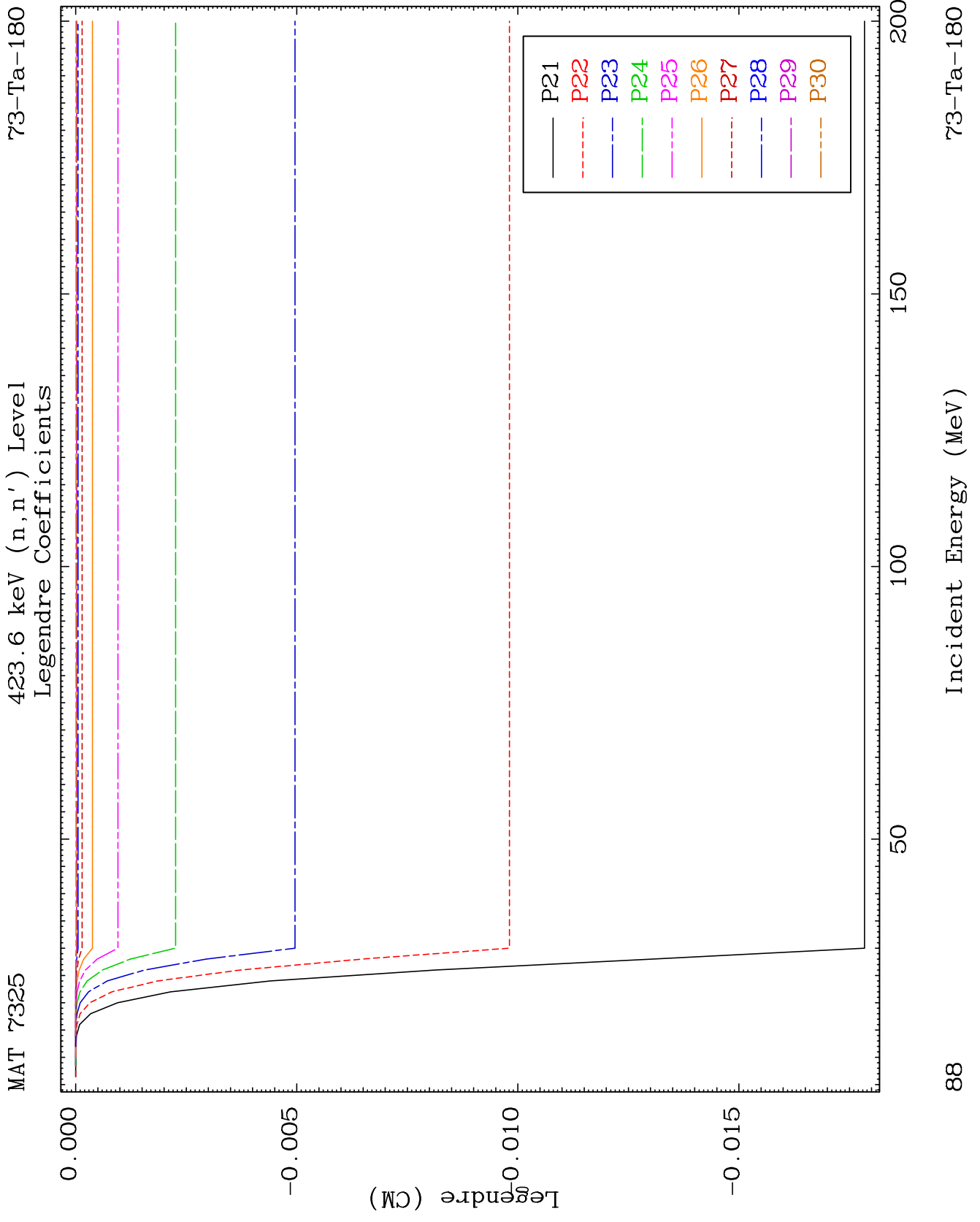


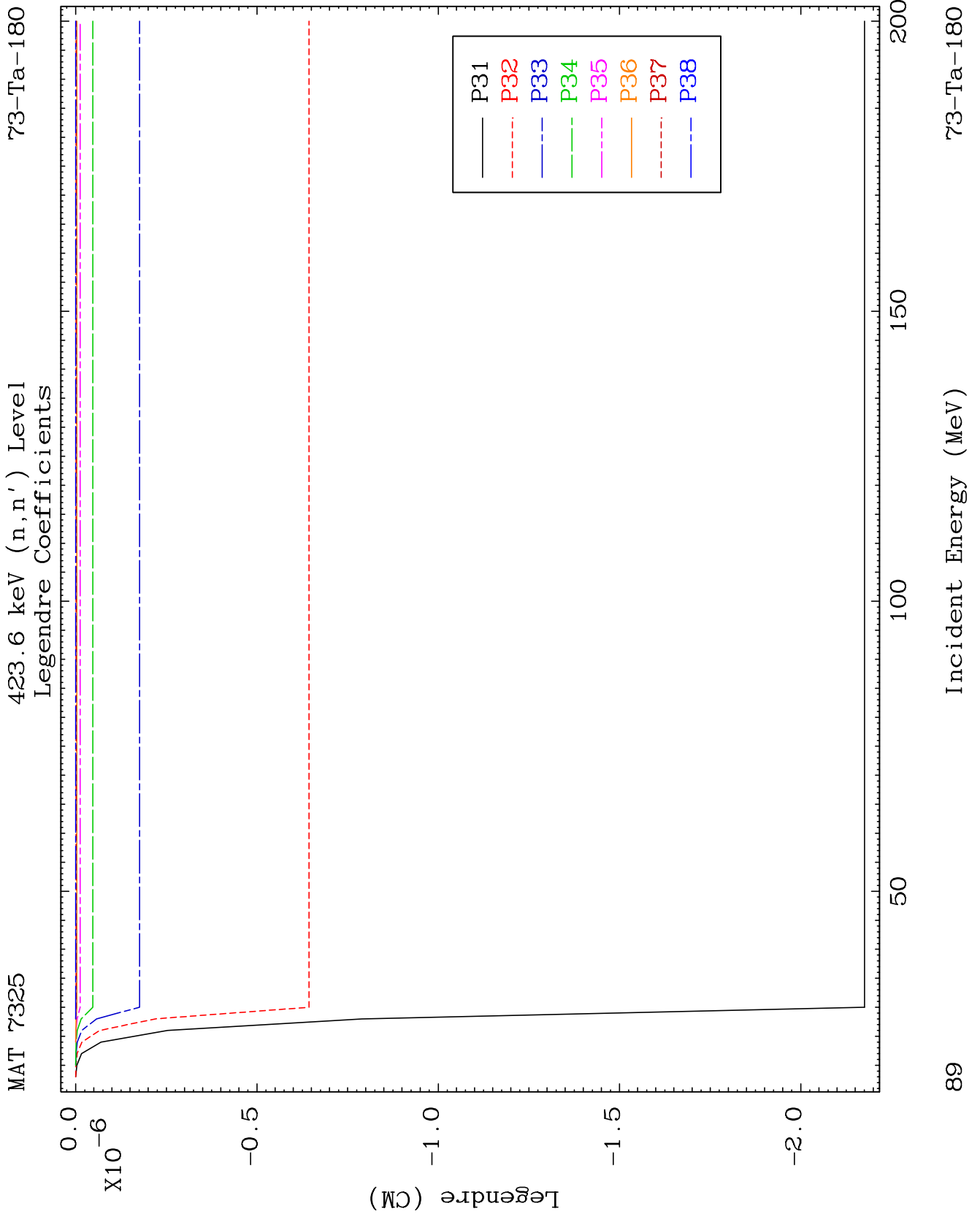


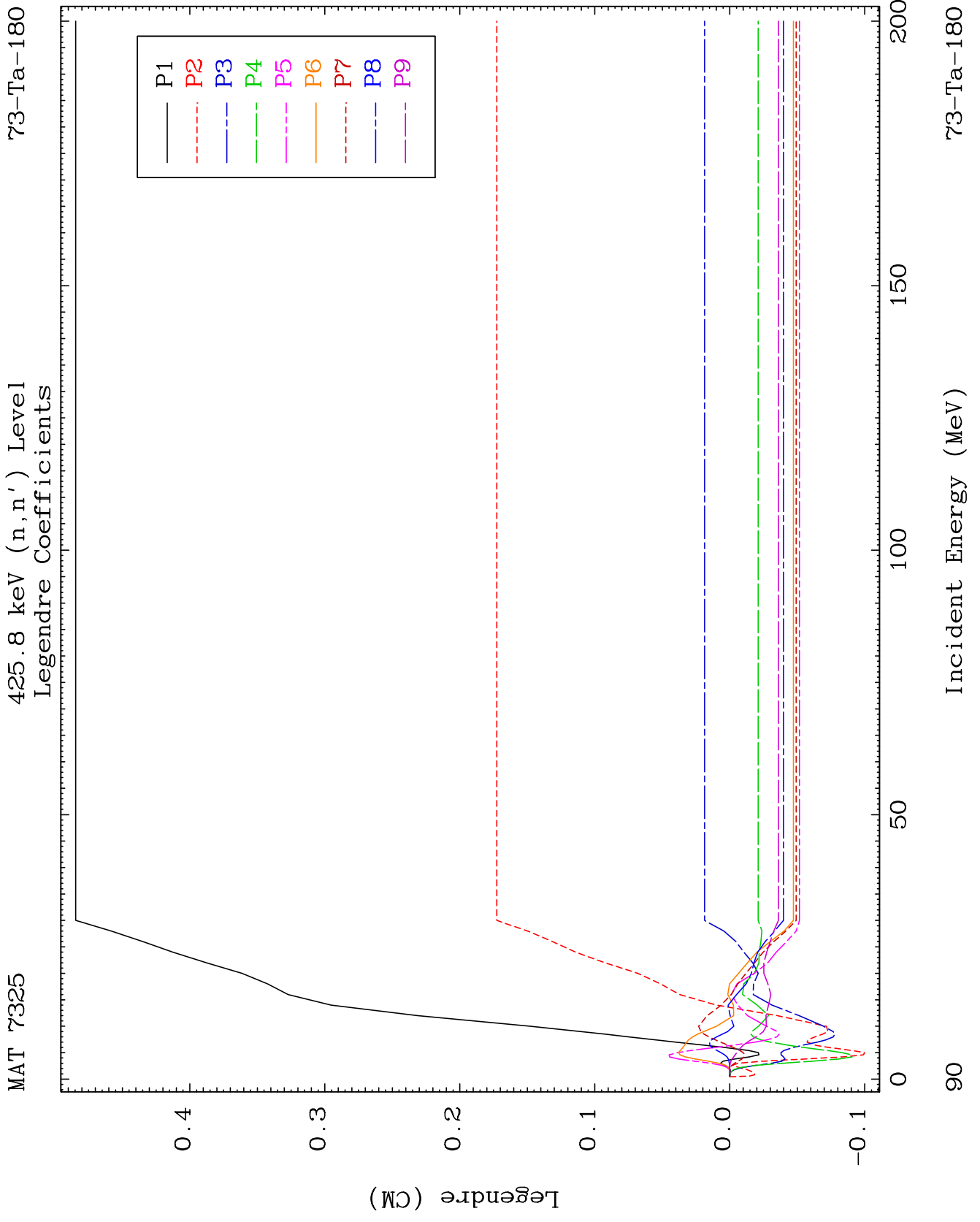








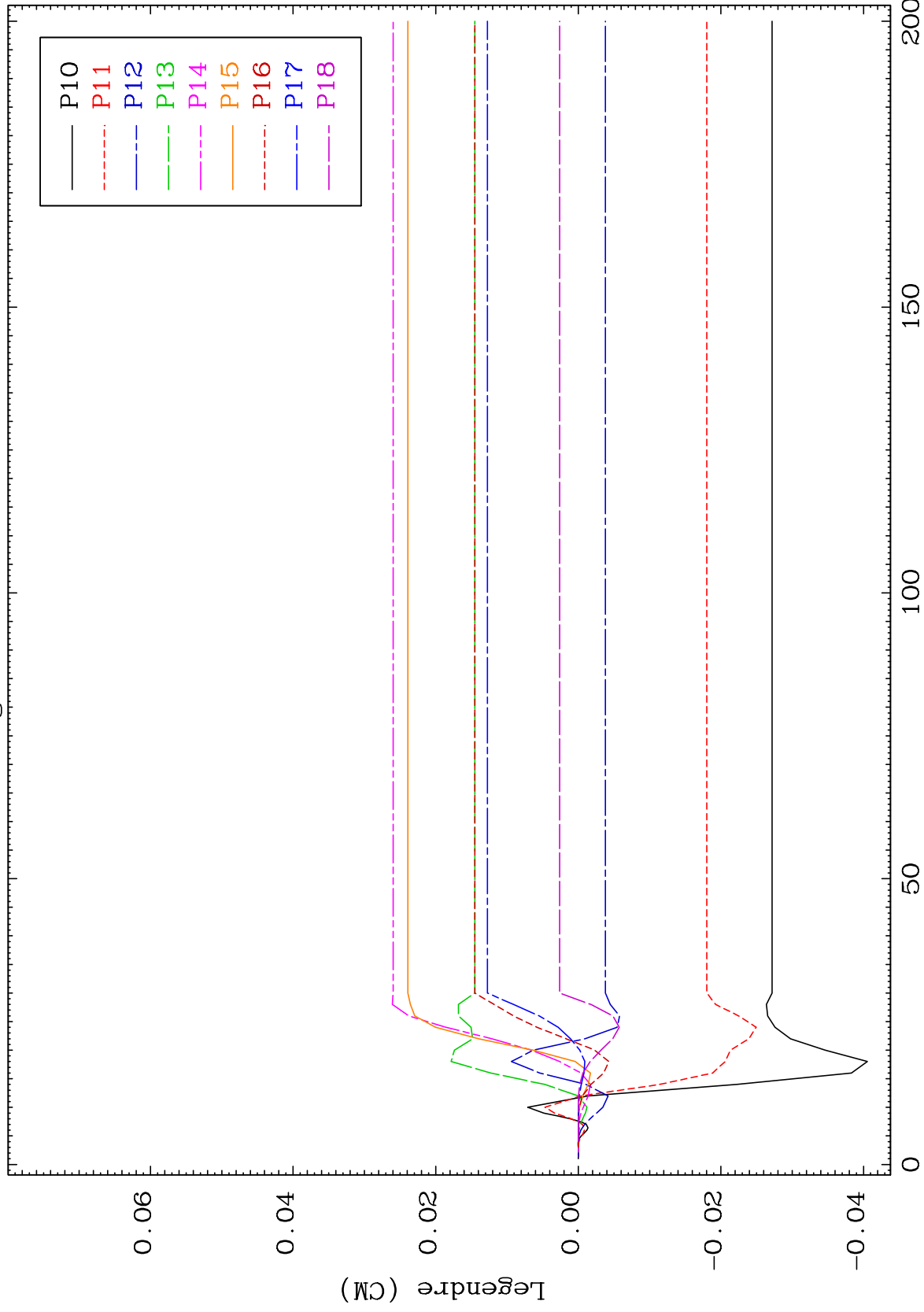




MAT 7325

425.8 keV (n,n') Level
Legendre Coefficients

73-Ta-180



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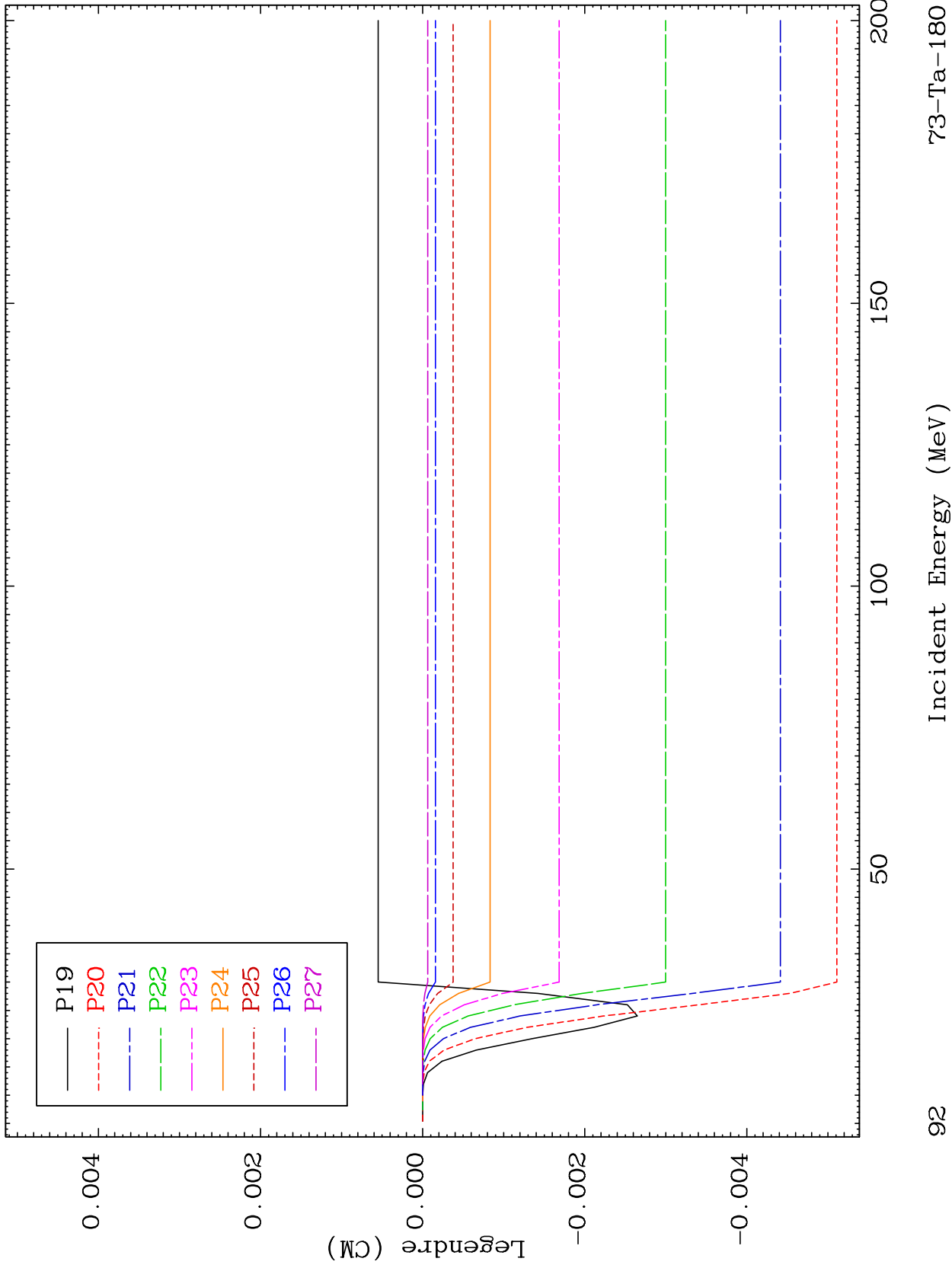
Incident Energy (MeV)

73-Ta-180

MAT 7325

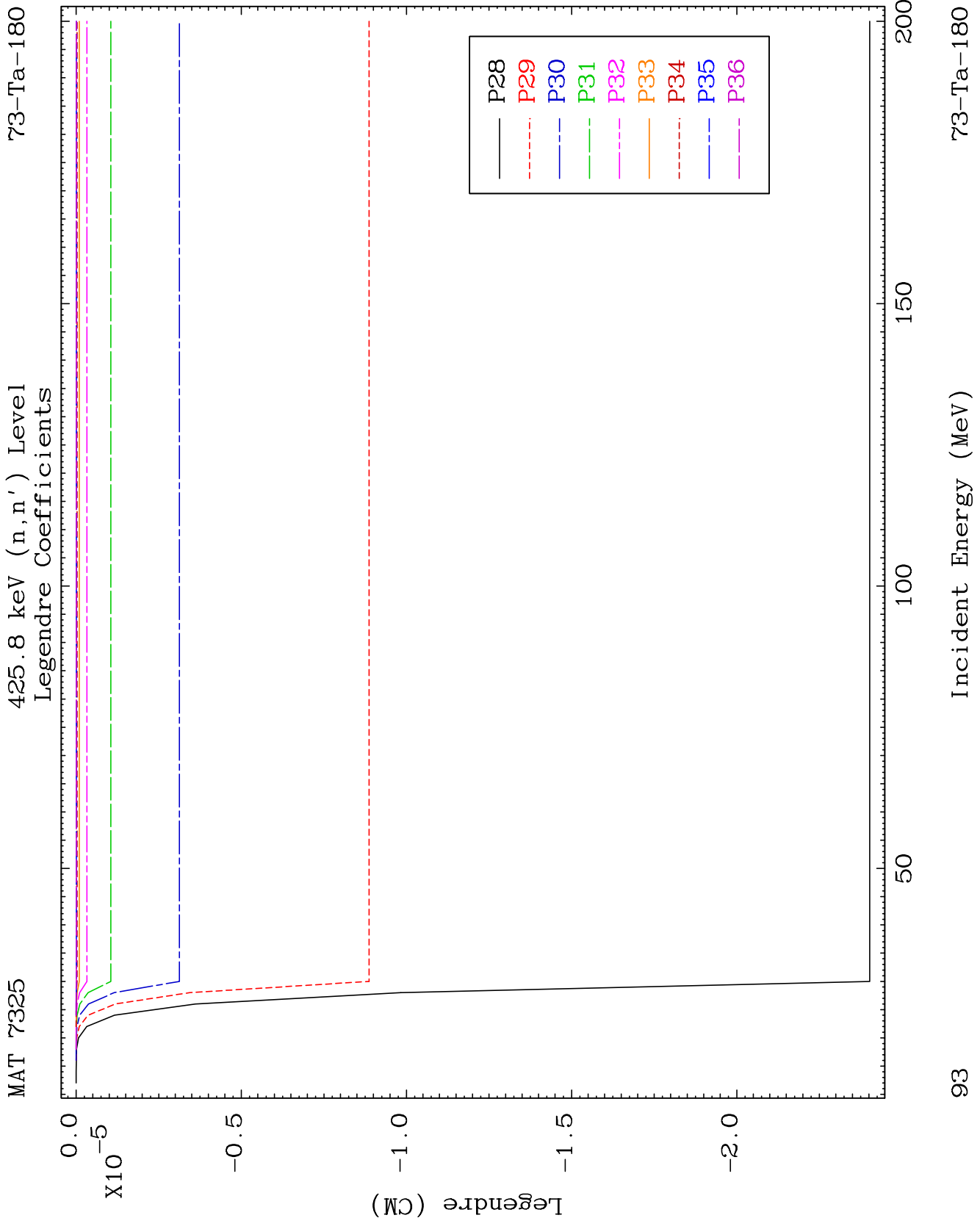
425.8 keV (n,n') Level
Legendre Coefficients

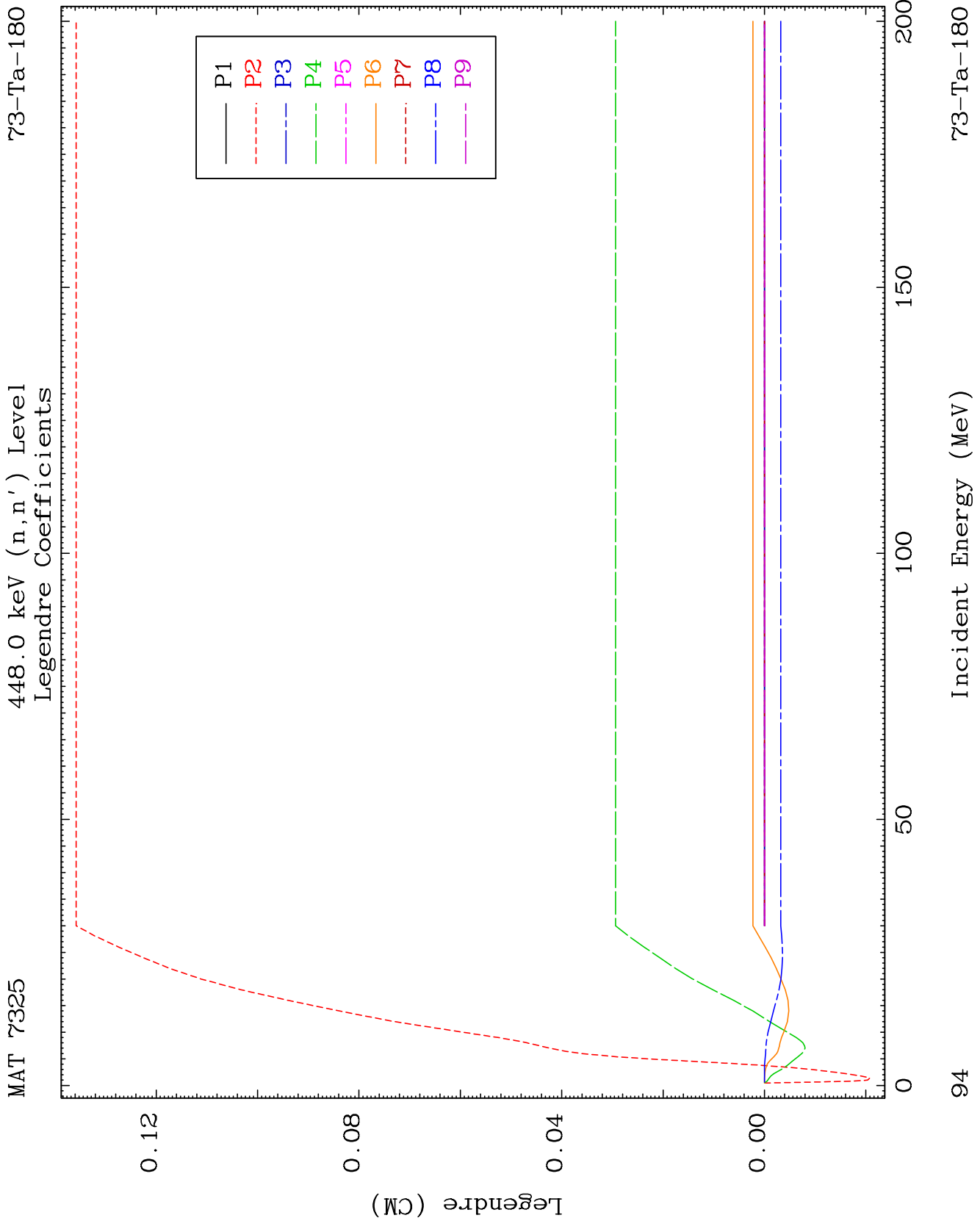
73-Ta-180

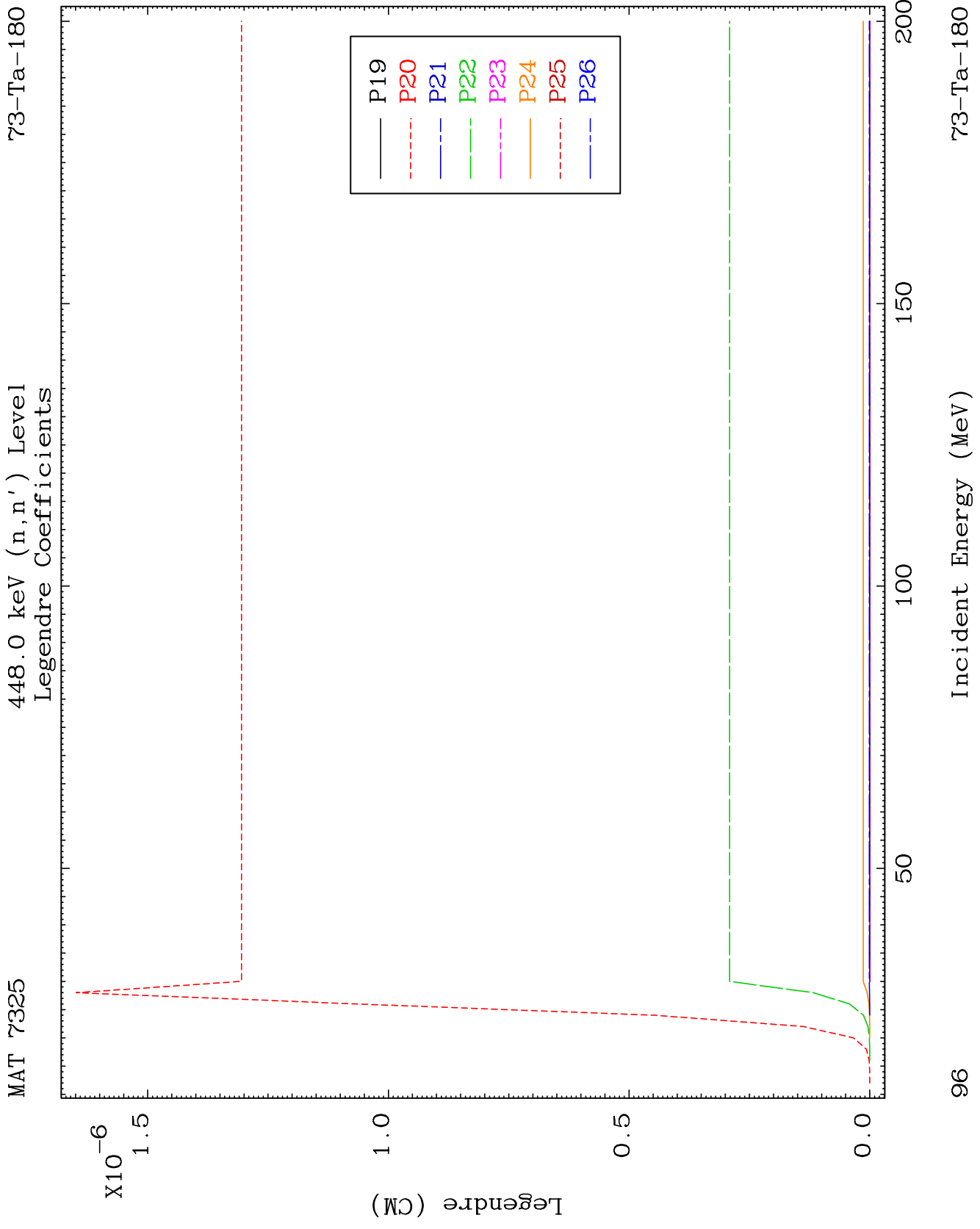


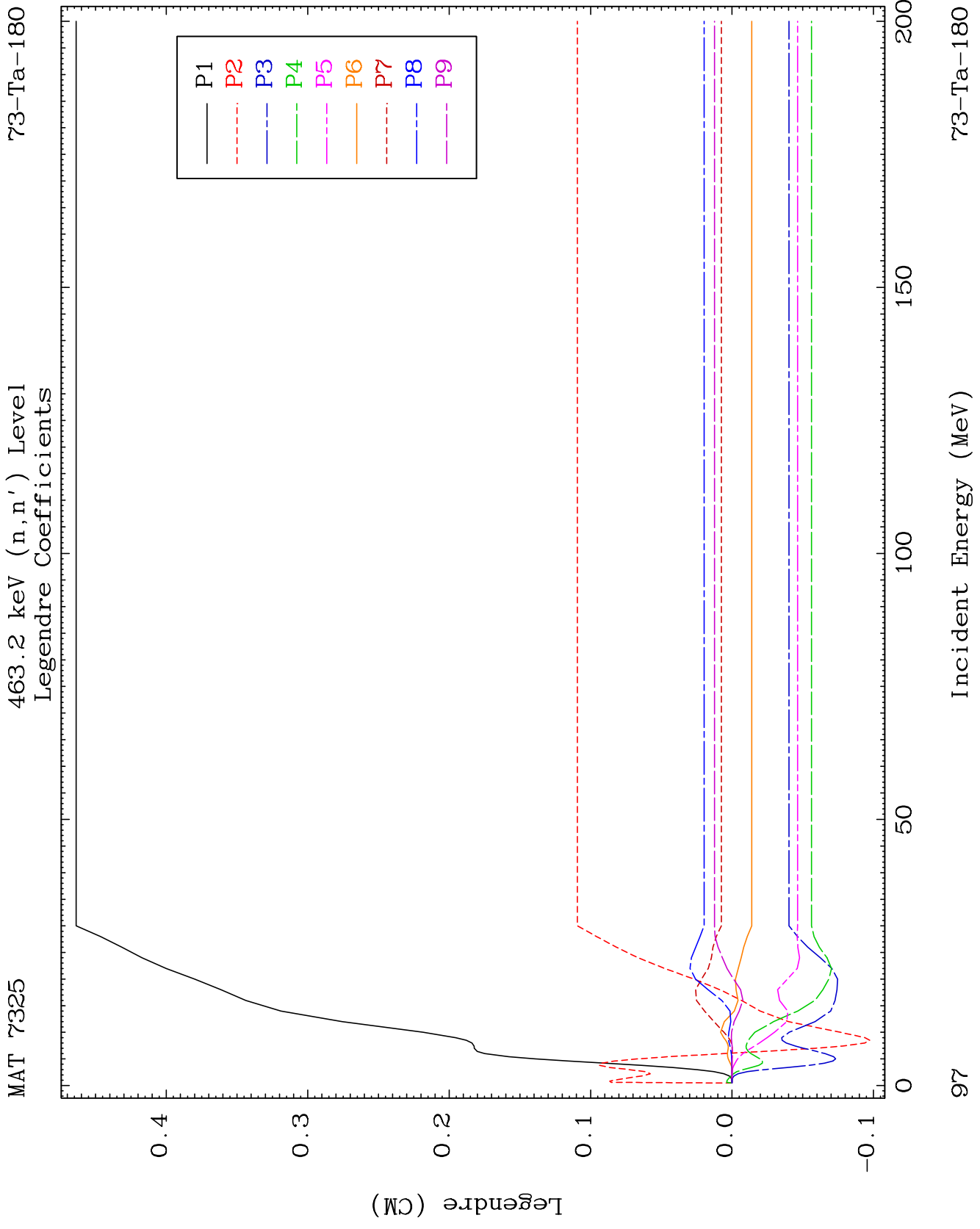
92

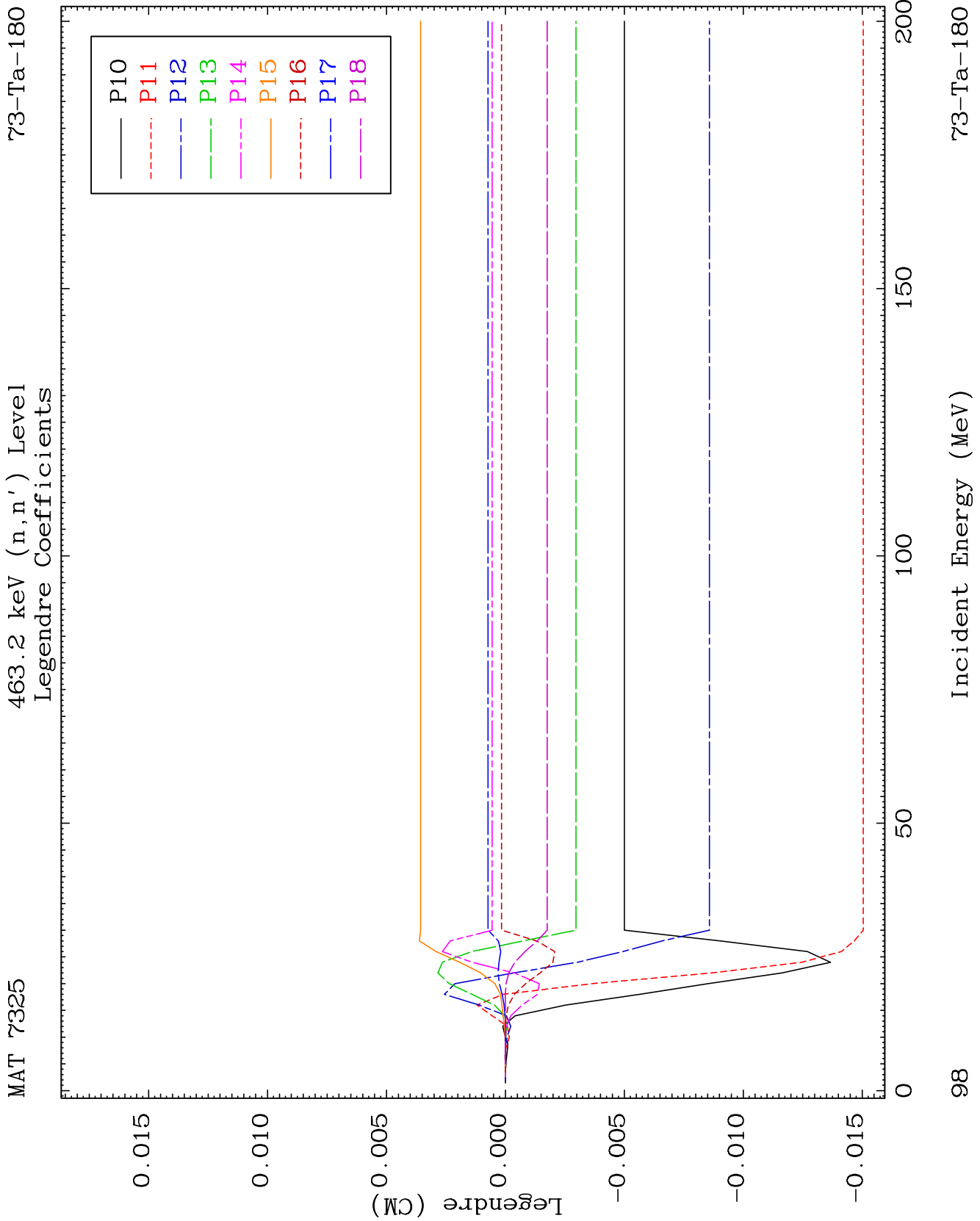
73-Ta-180







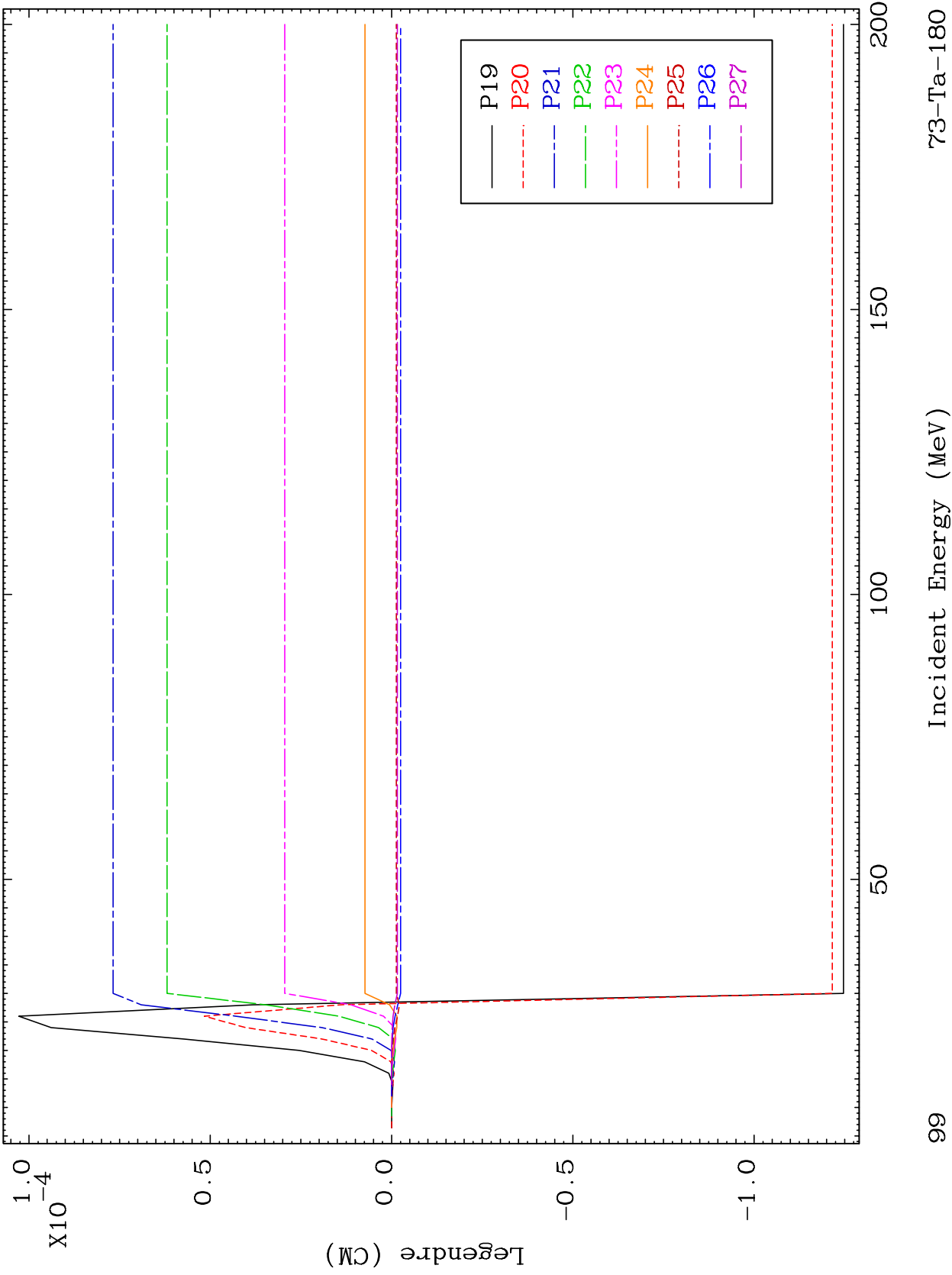




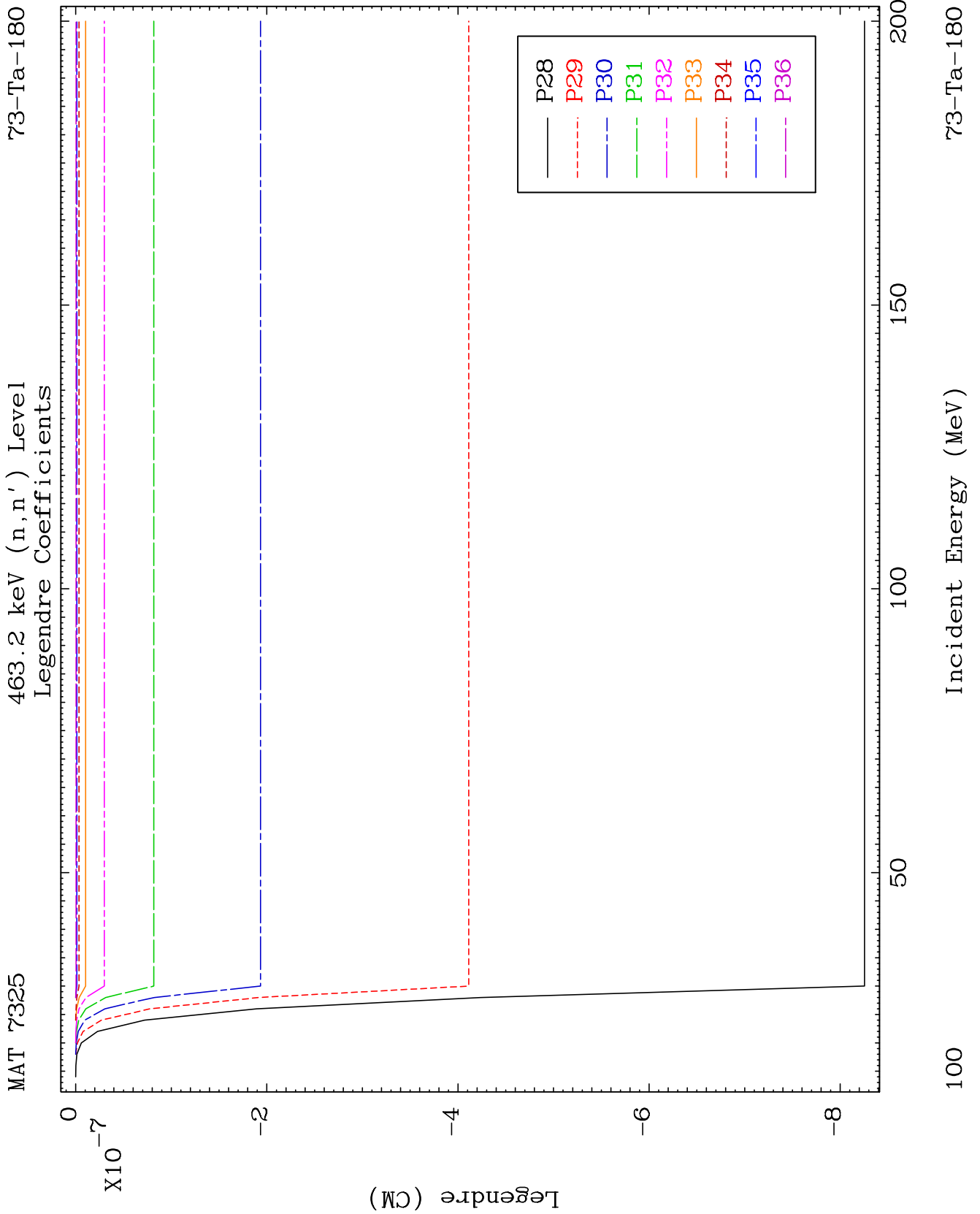
MAT 7325

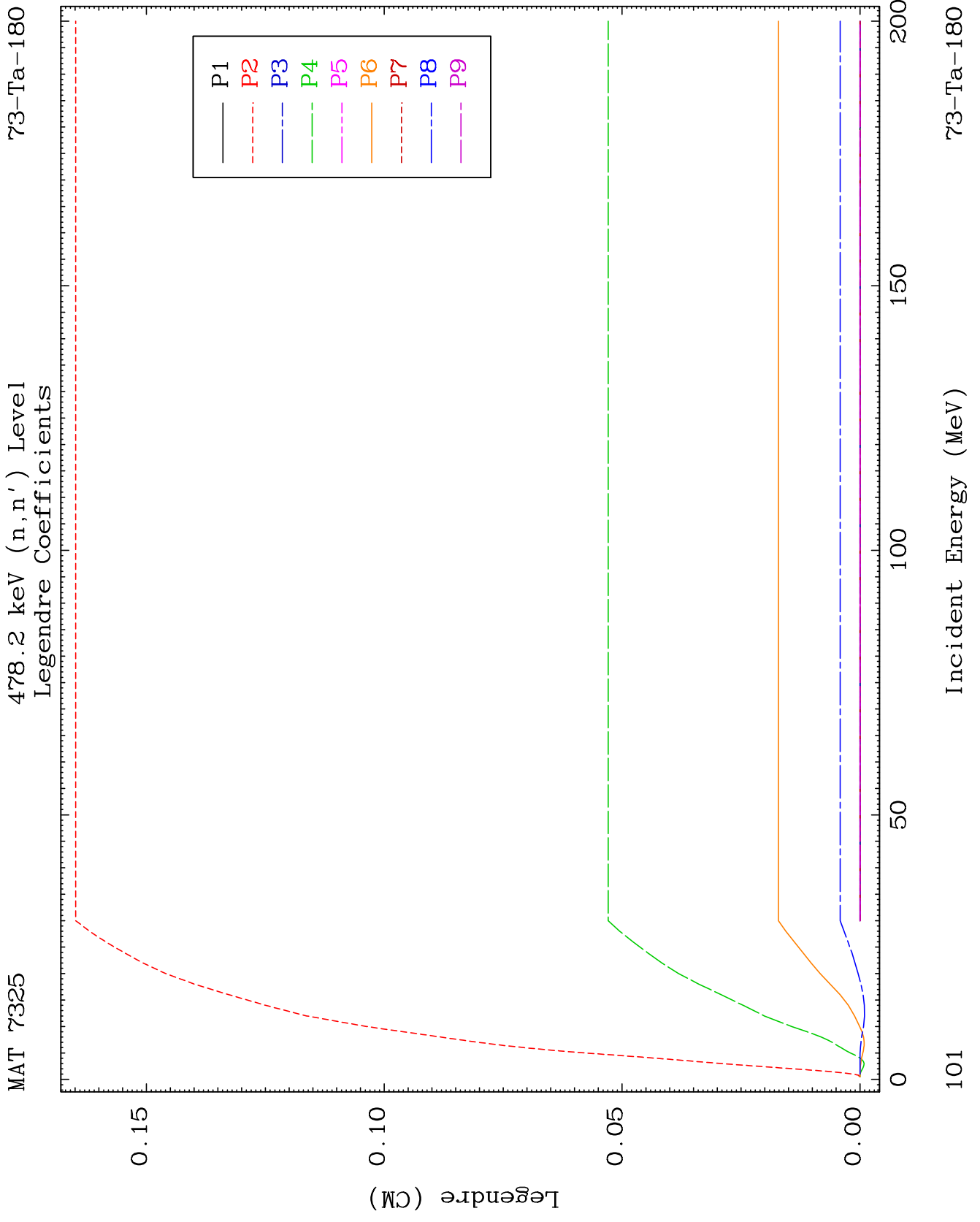
463.2 keV (n,n') Level
Legendre Coefficients

73-Ta-180



99

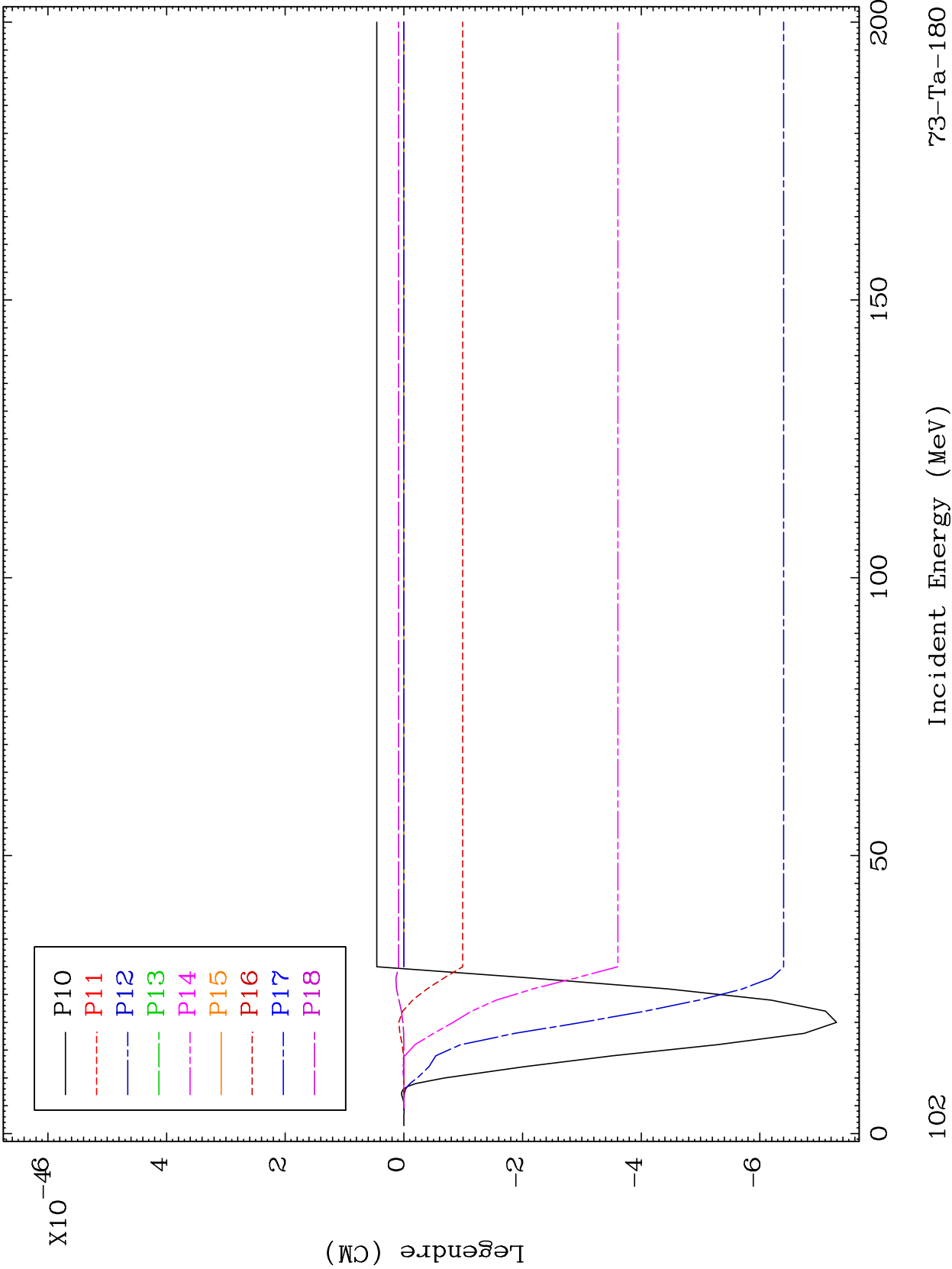




MAT 7325

478.2 keV (n,n') Level
Legendre Coefficients

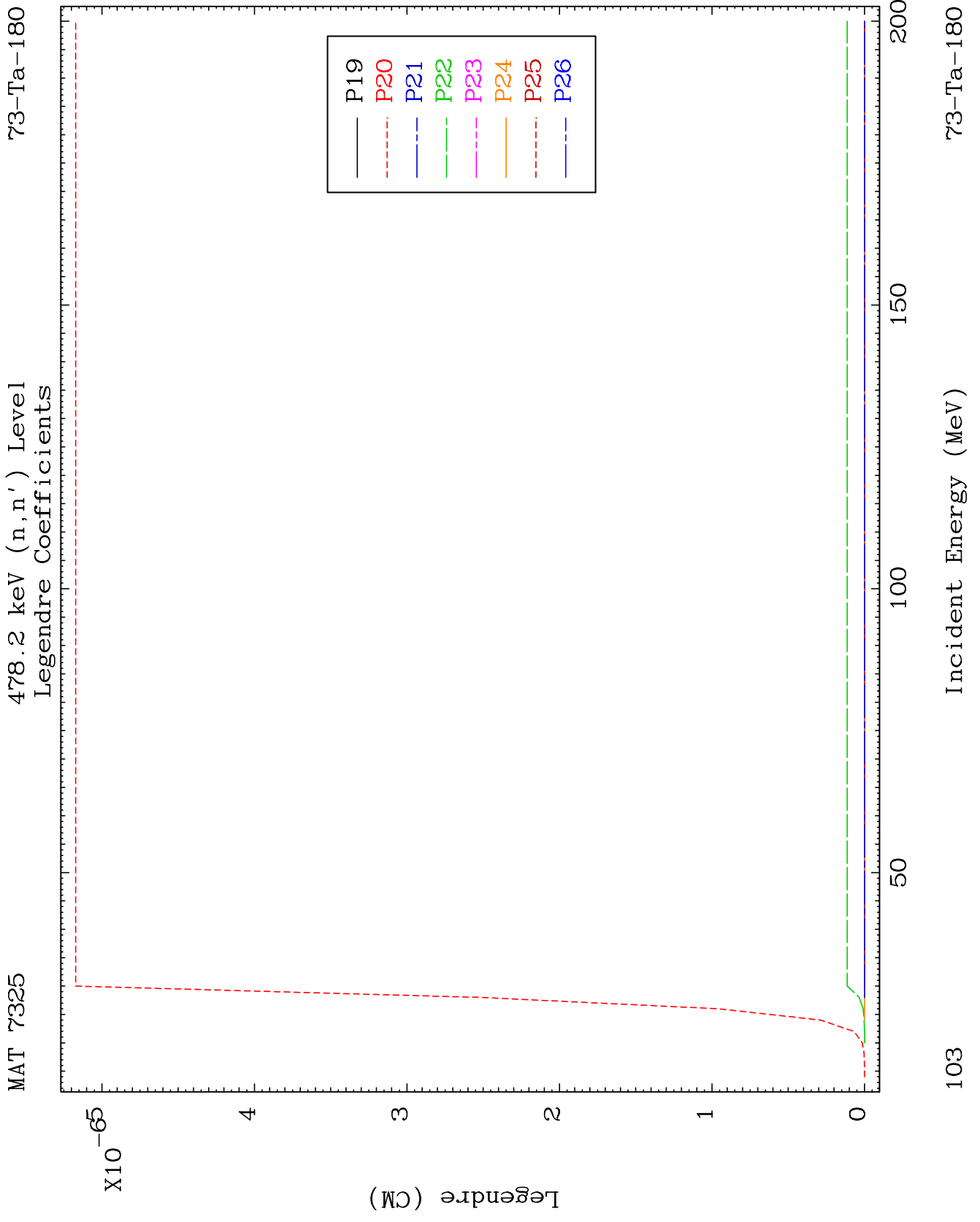
73-Ta-180

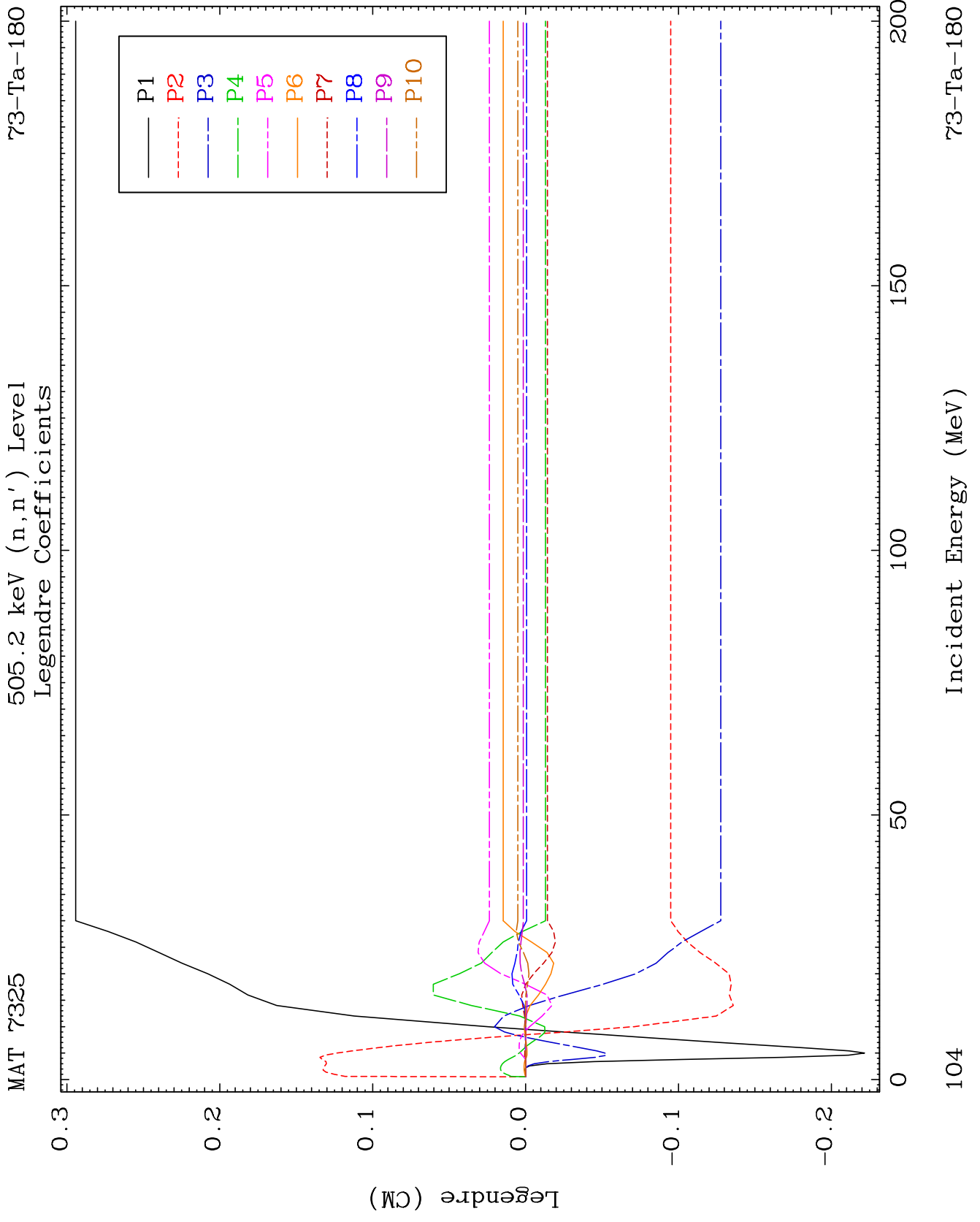


102

Incident Energy (MeV)

73-Ta-180

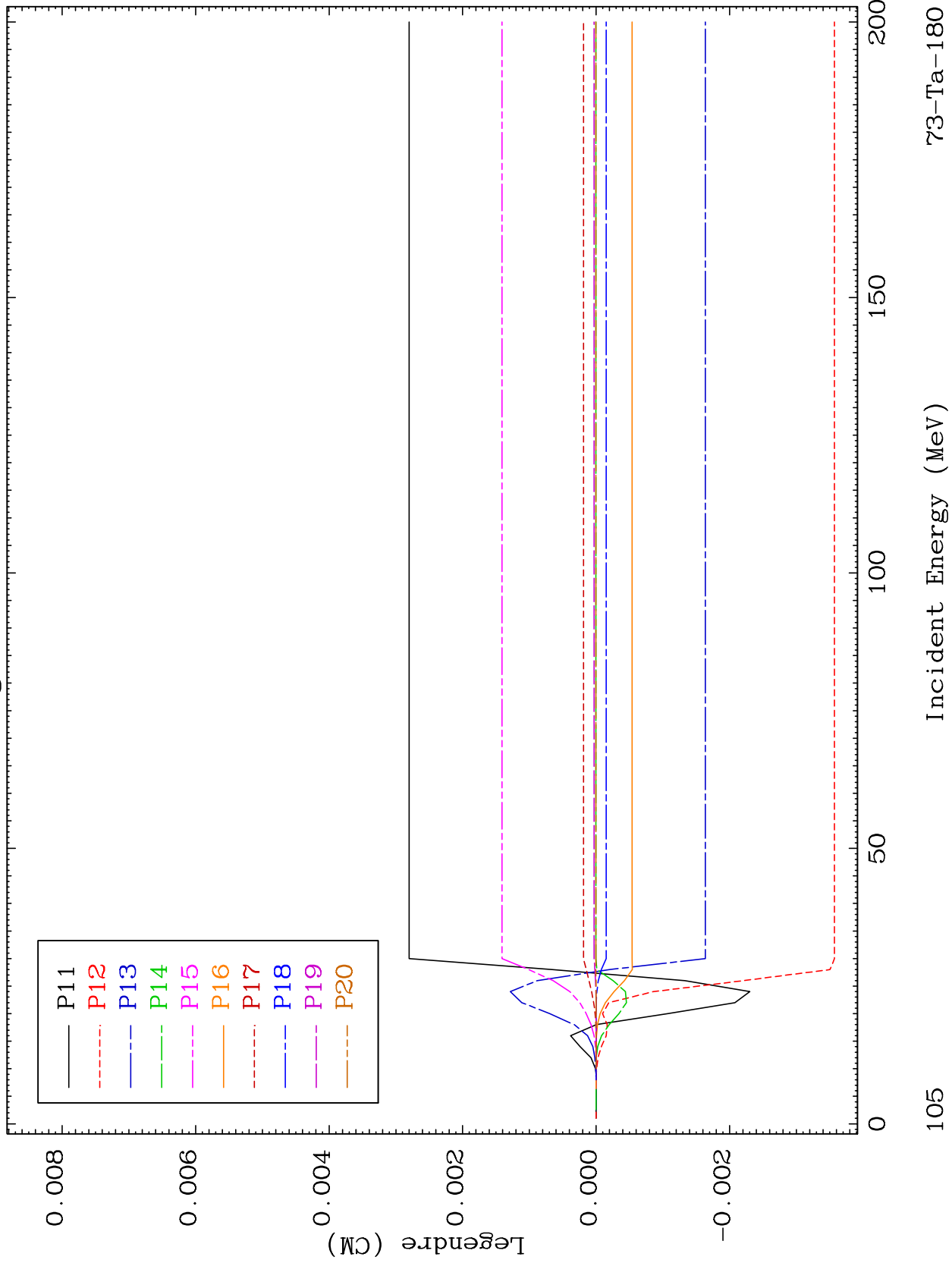




MAT 7325

505.2 keV (n,n') Level
Legendre Coefficients

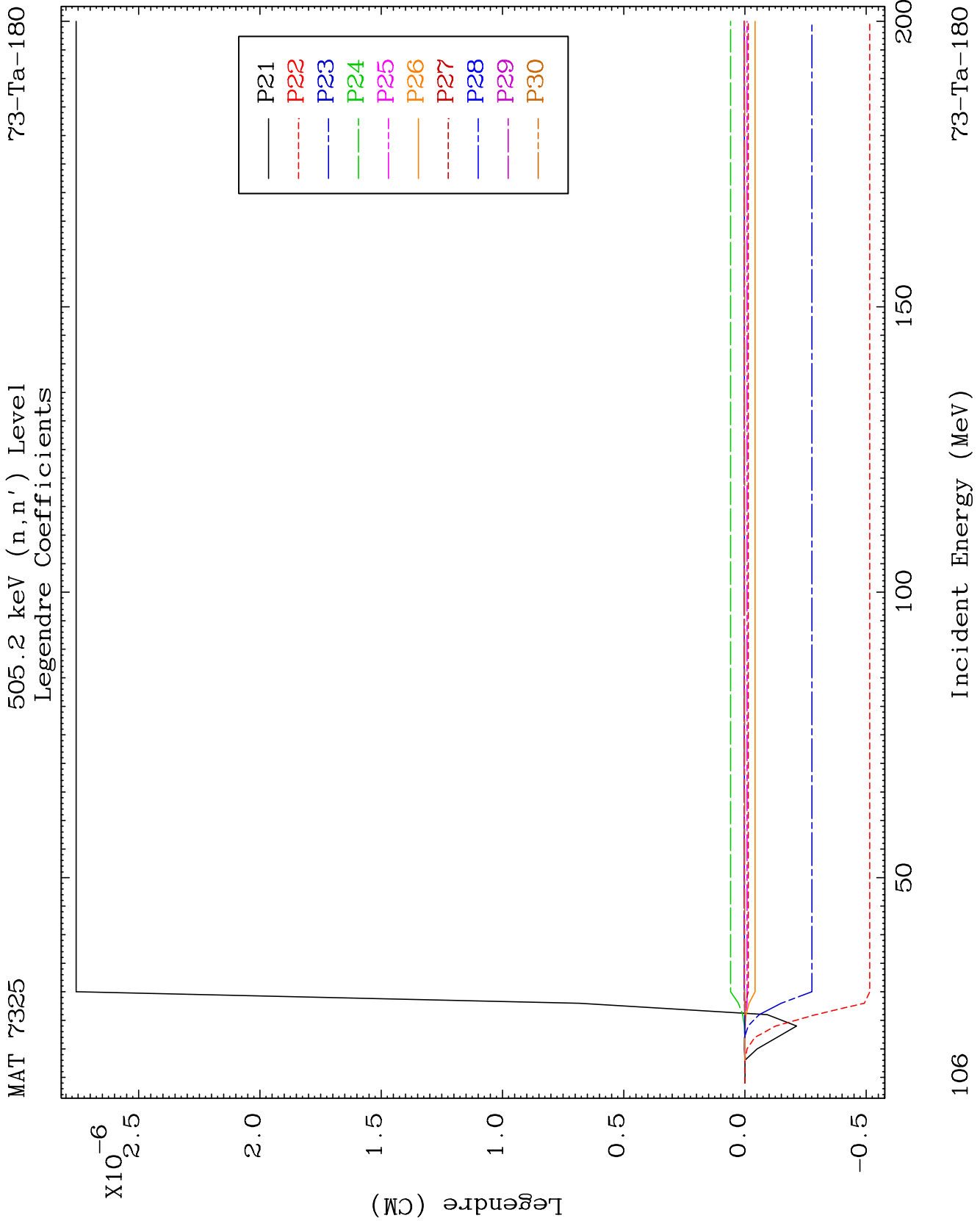
73-Ta-180

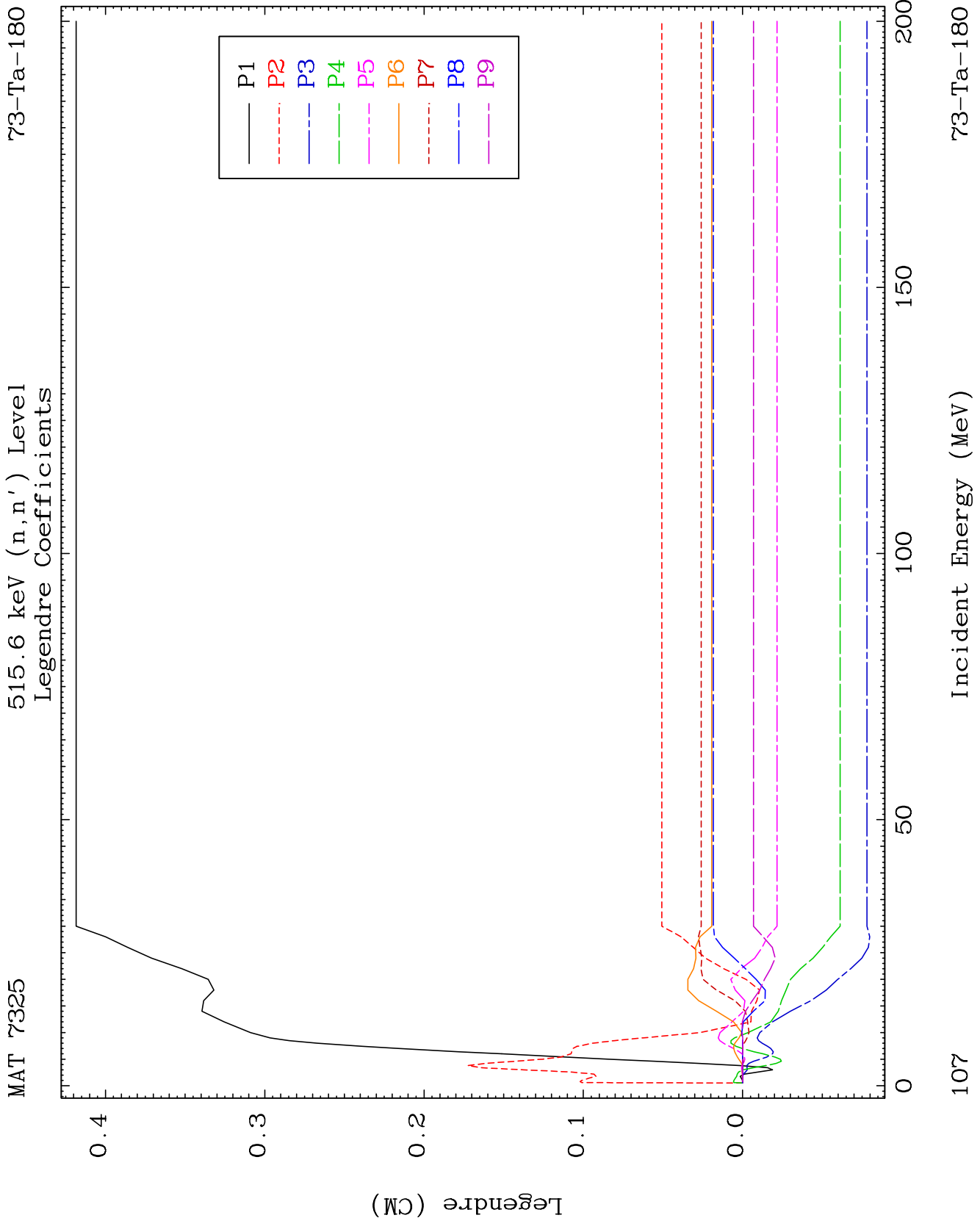


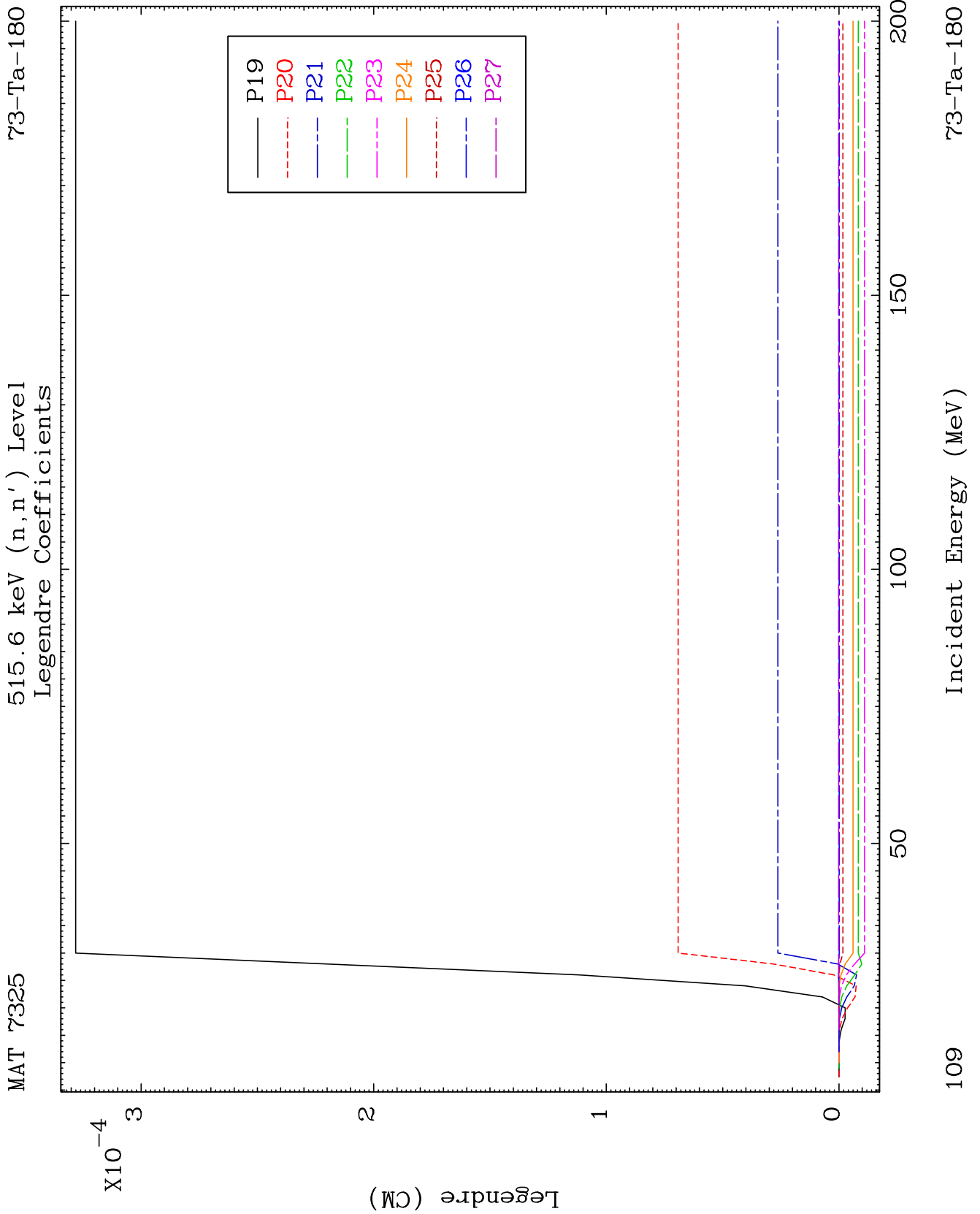
73-Ta-180

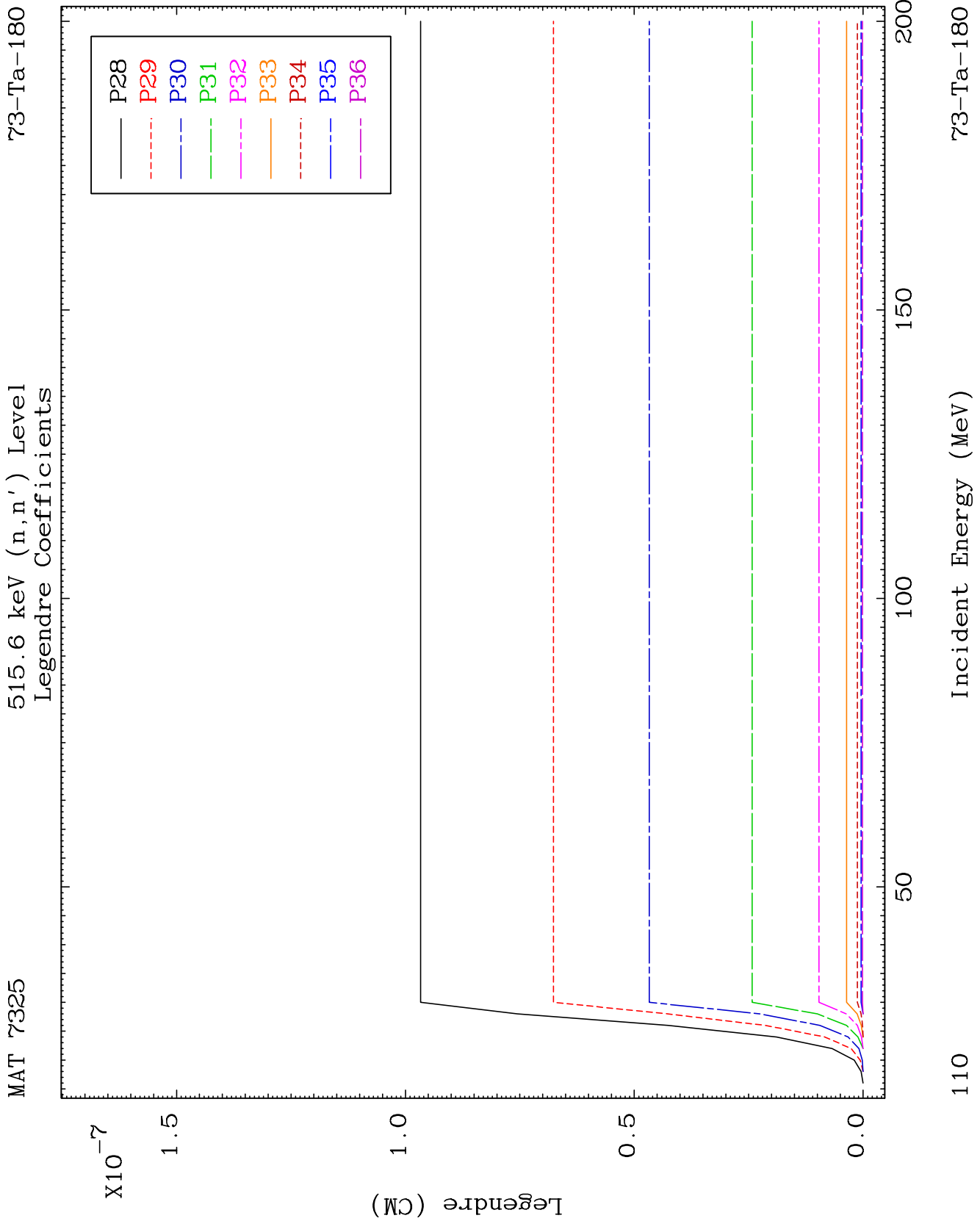
Incident Energy (MeV)

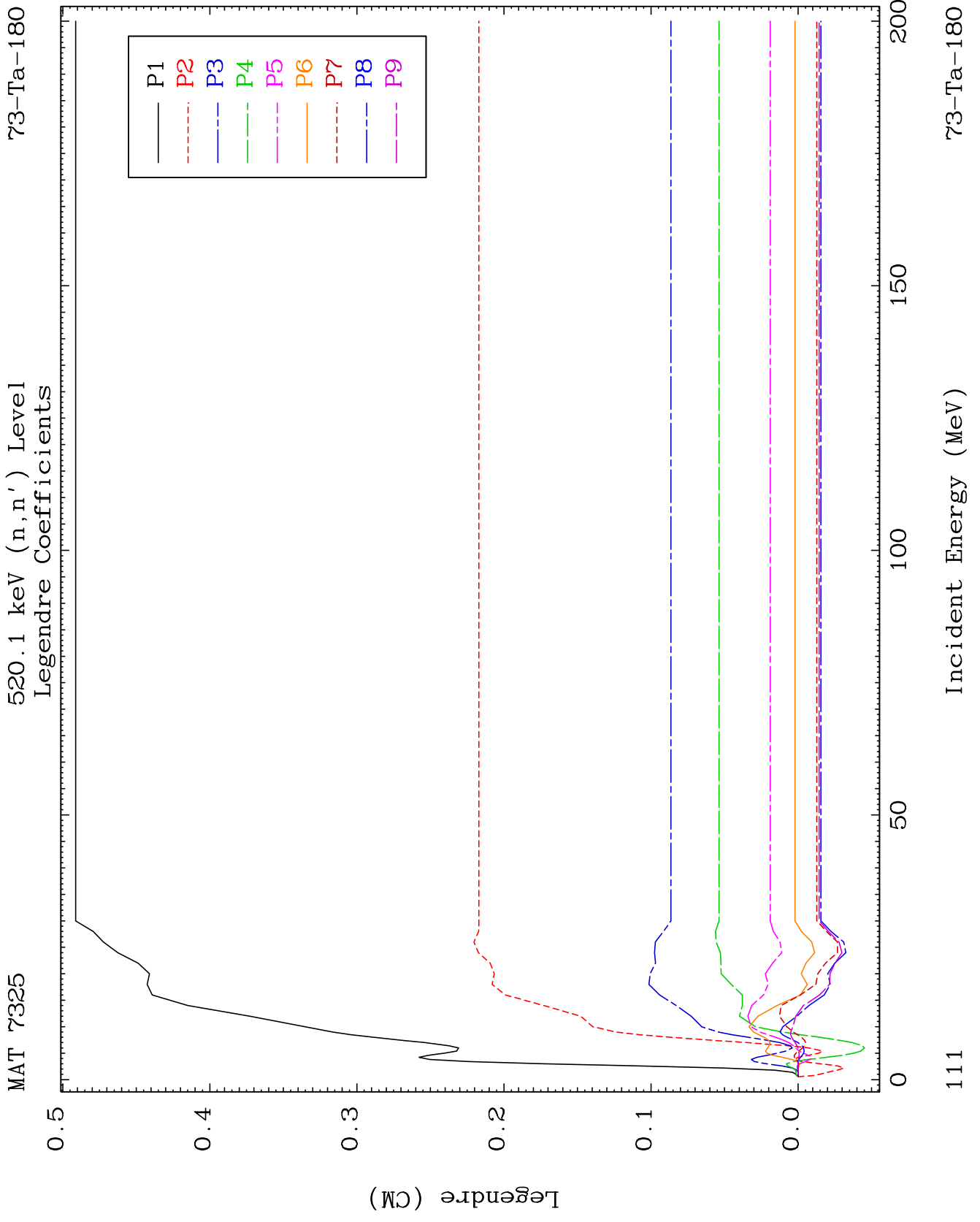
105

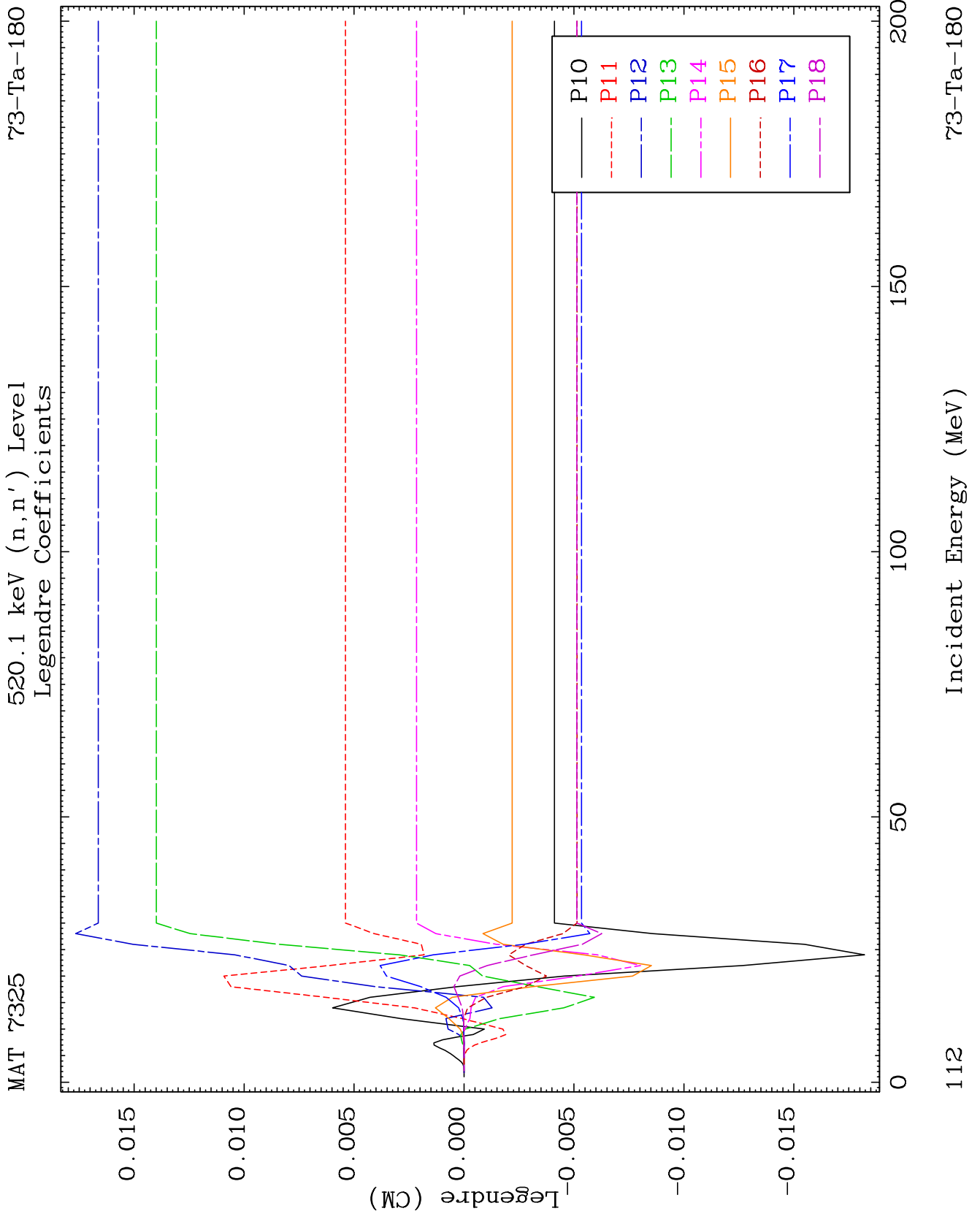








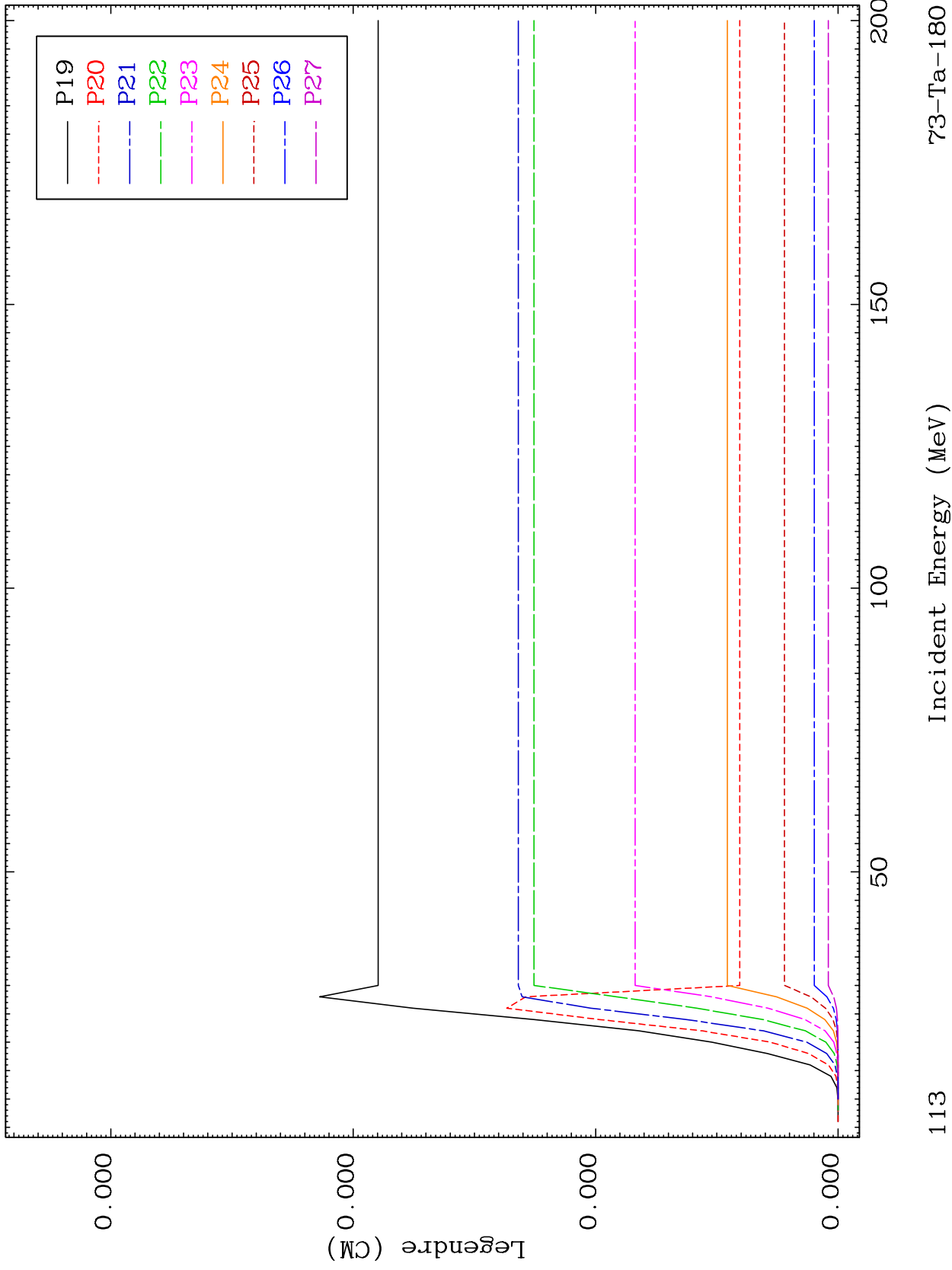




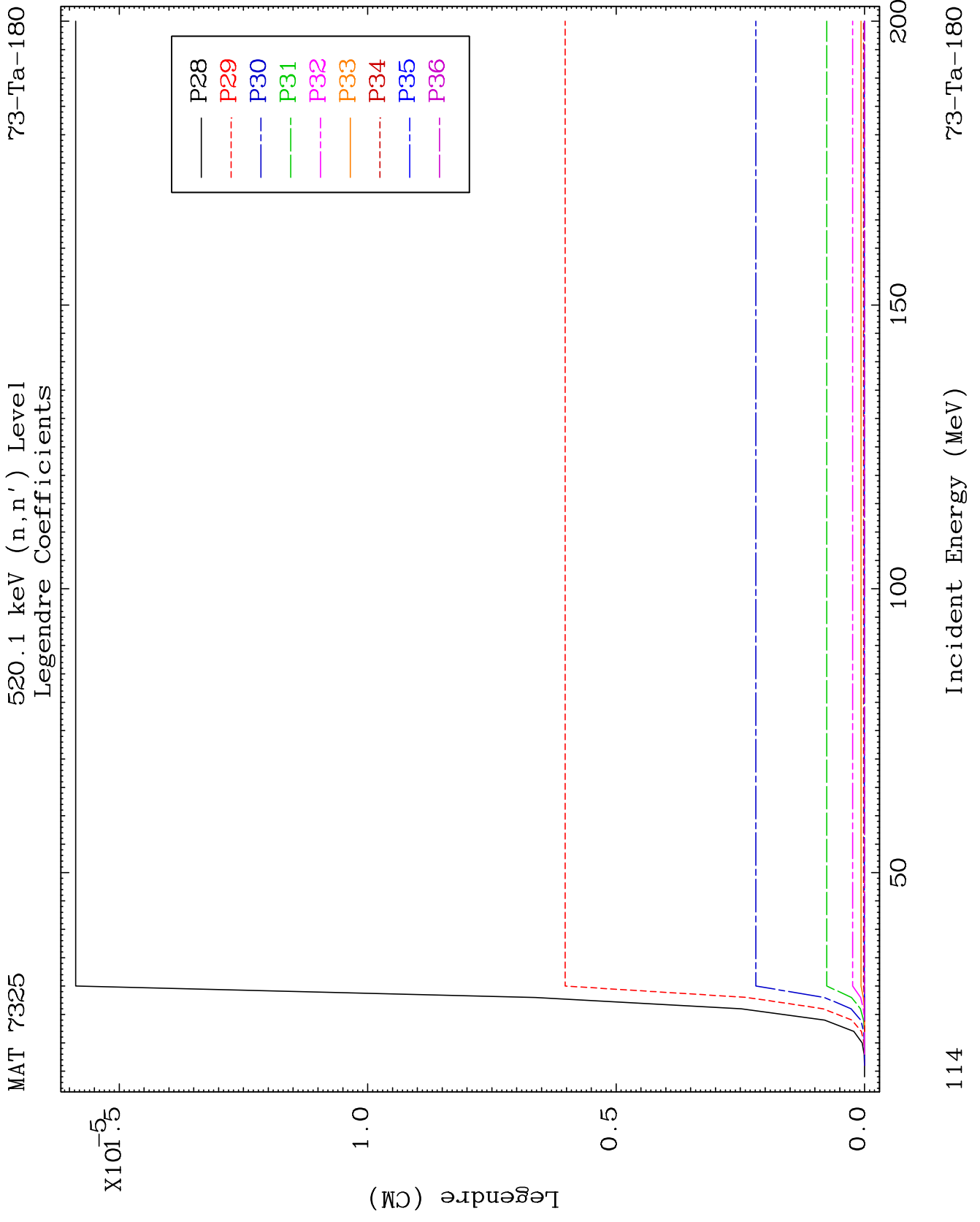
MAT 7325

520.1 keV (n,n') Level
Legendre Coefficients

73-Ta-180



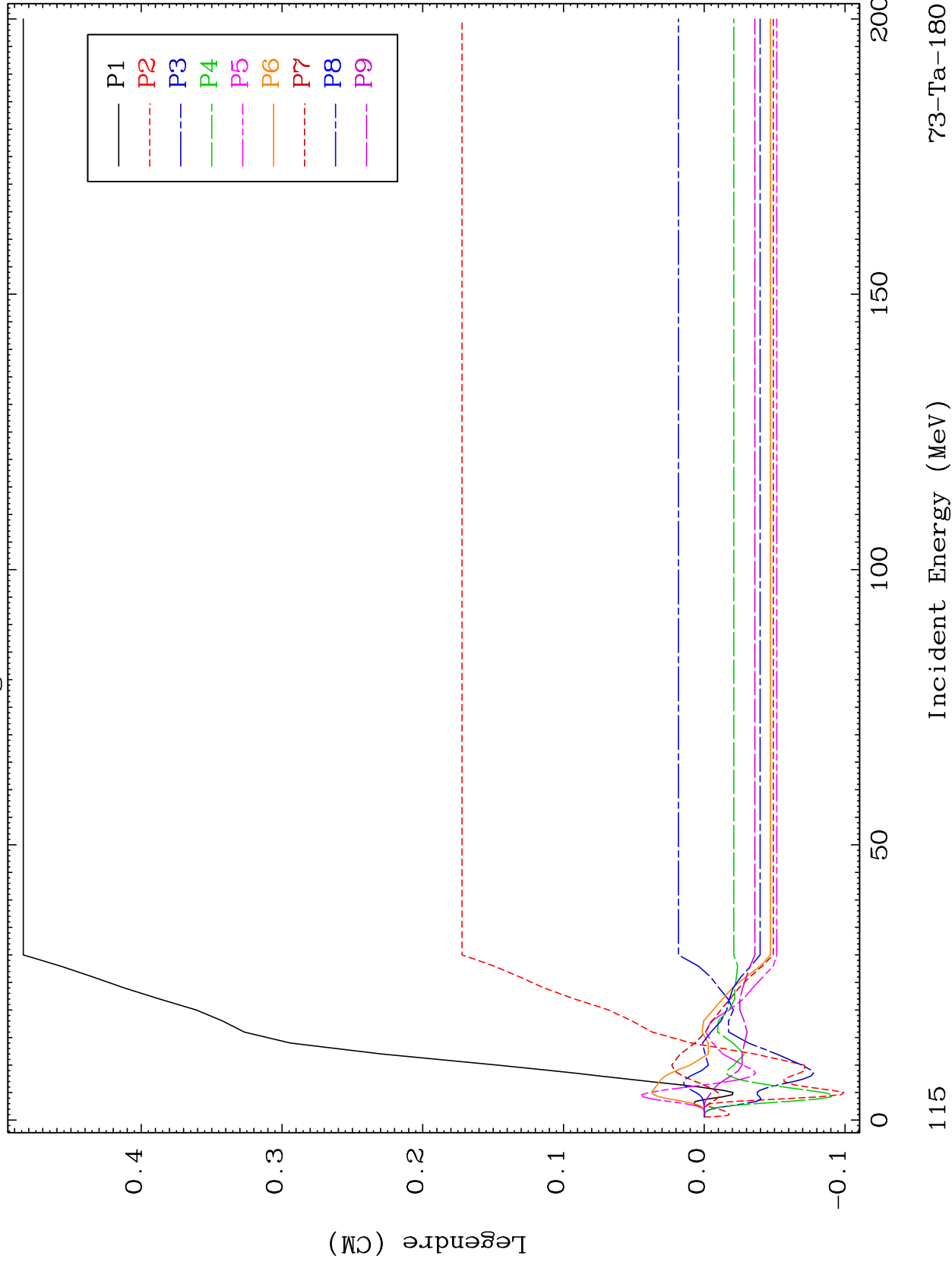
113



MAT 7325

544.4 keV (n, n') Level
Legendre Coefficients

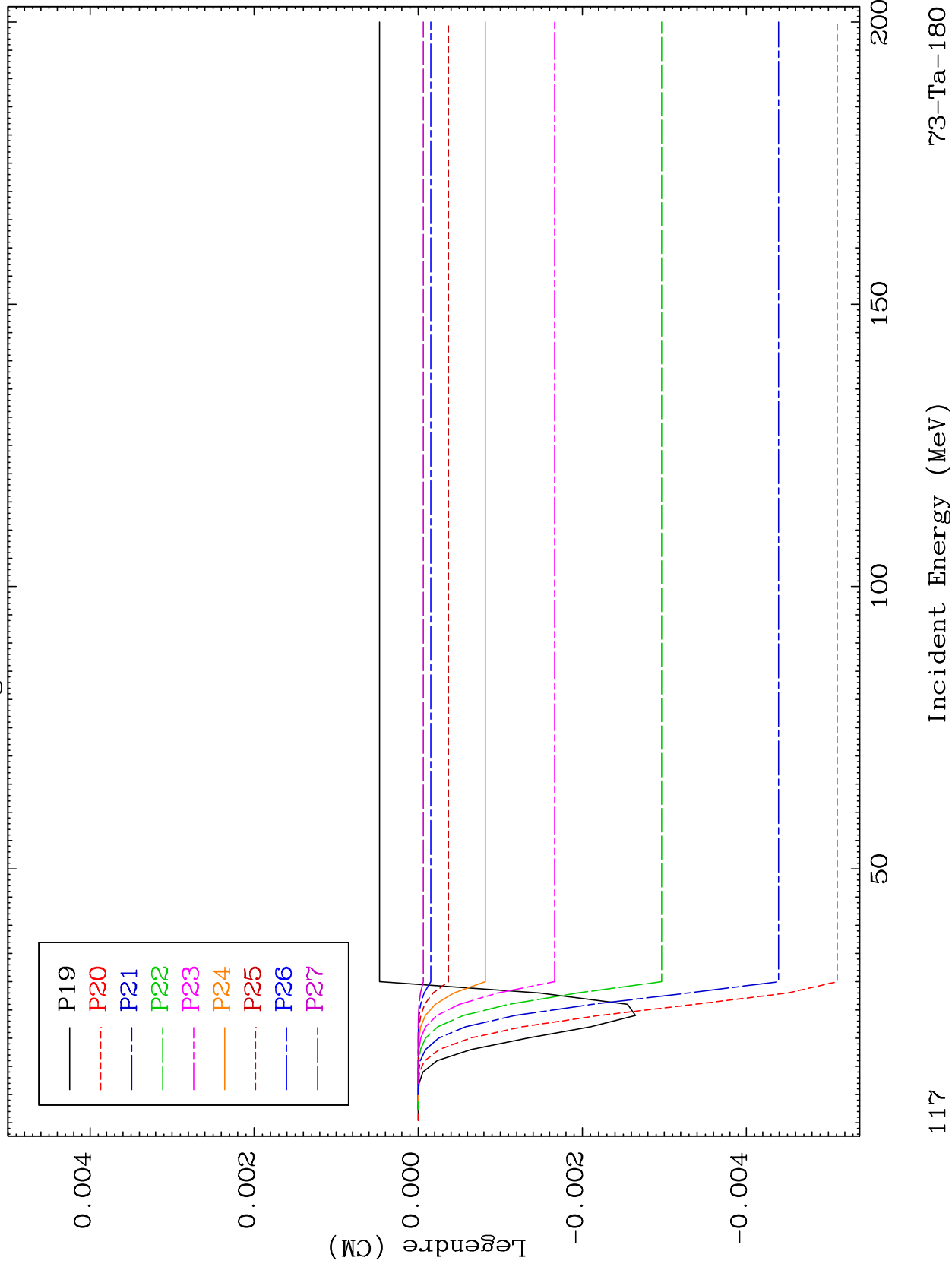
73-Ta-180

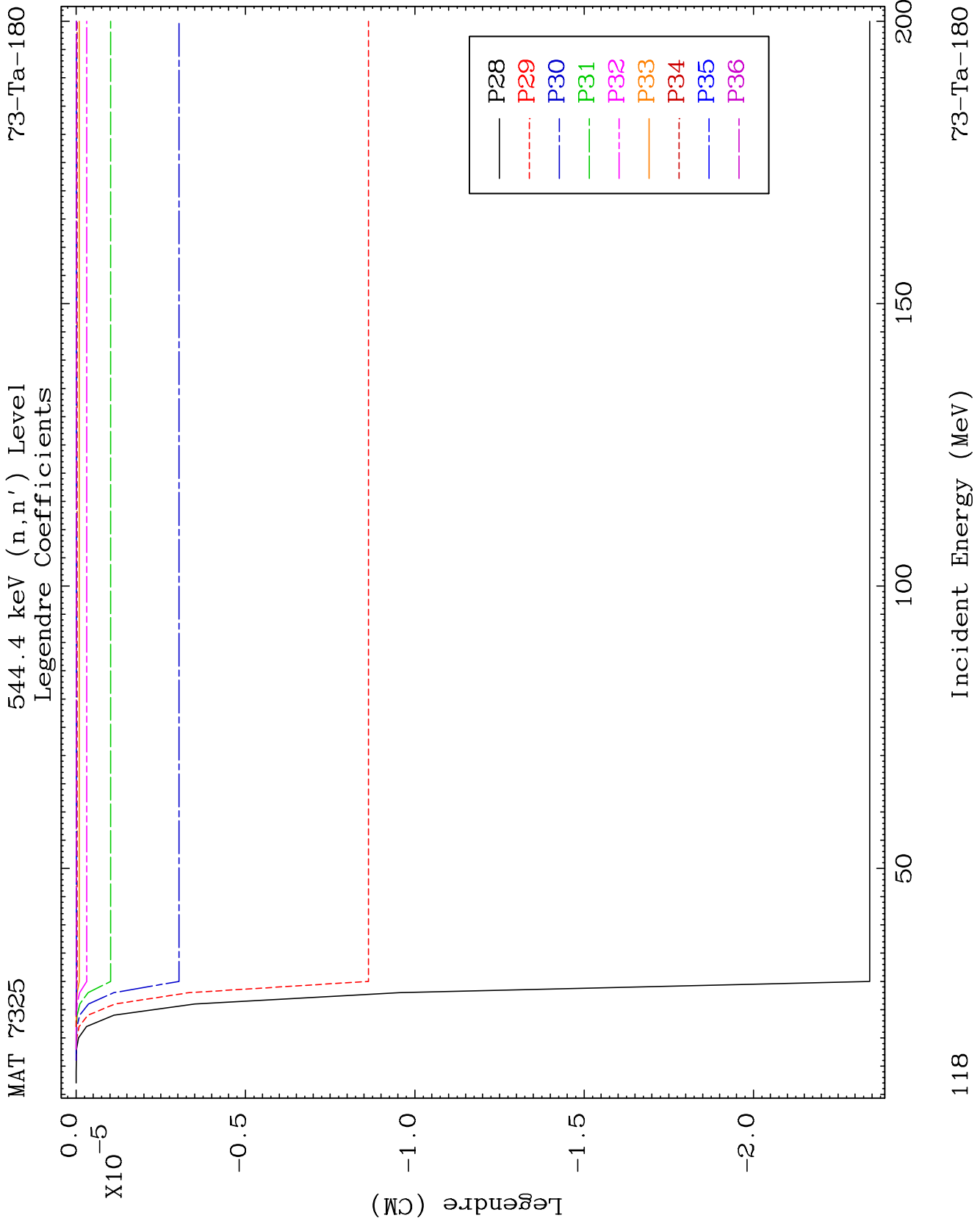


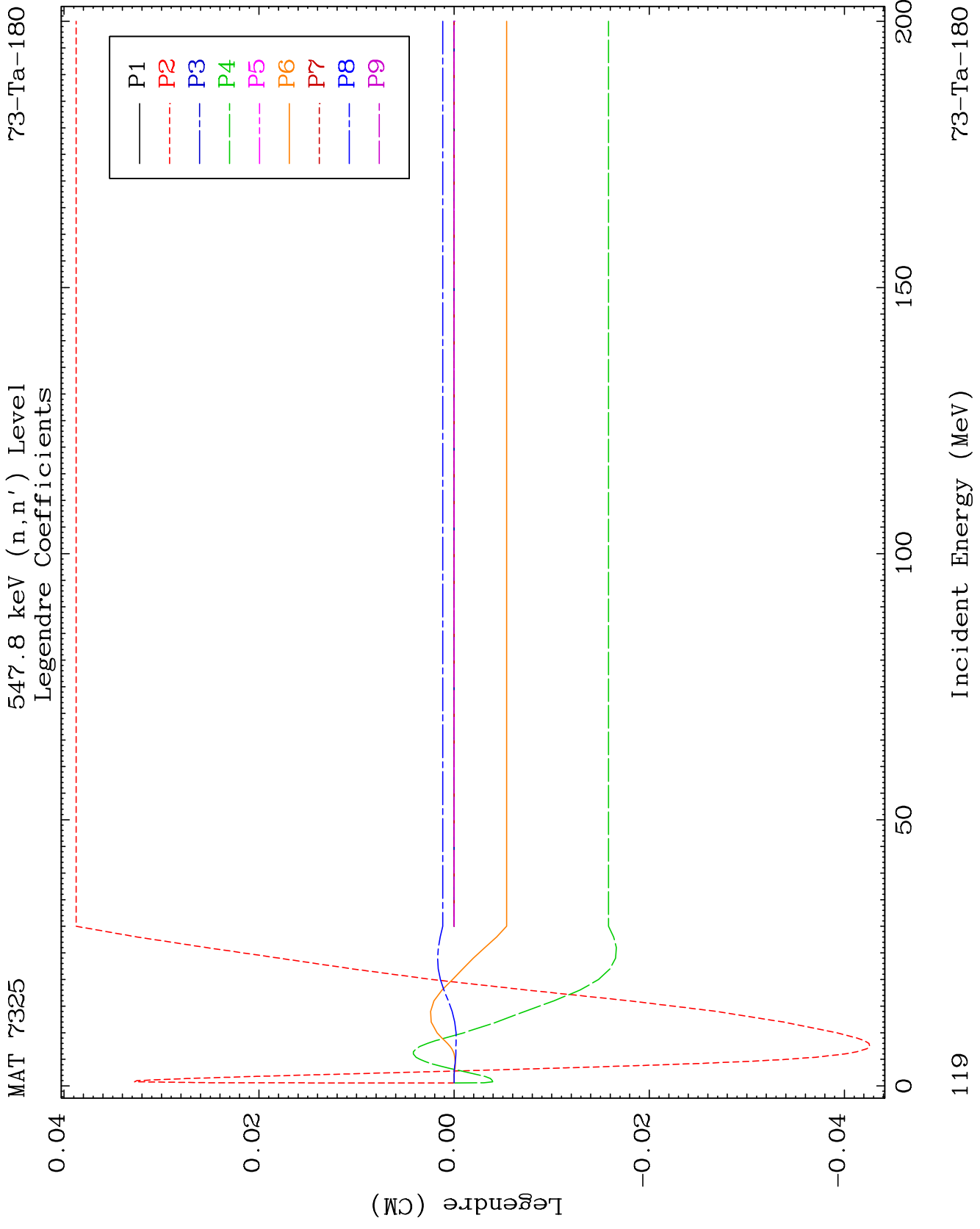
73-Ta-180

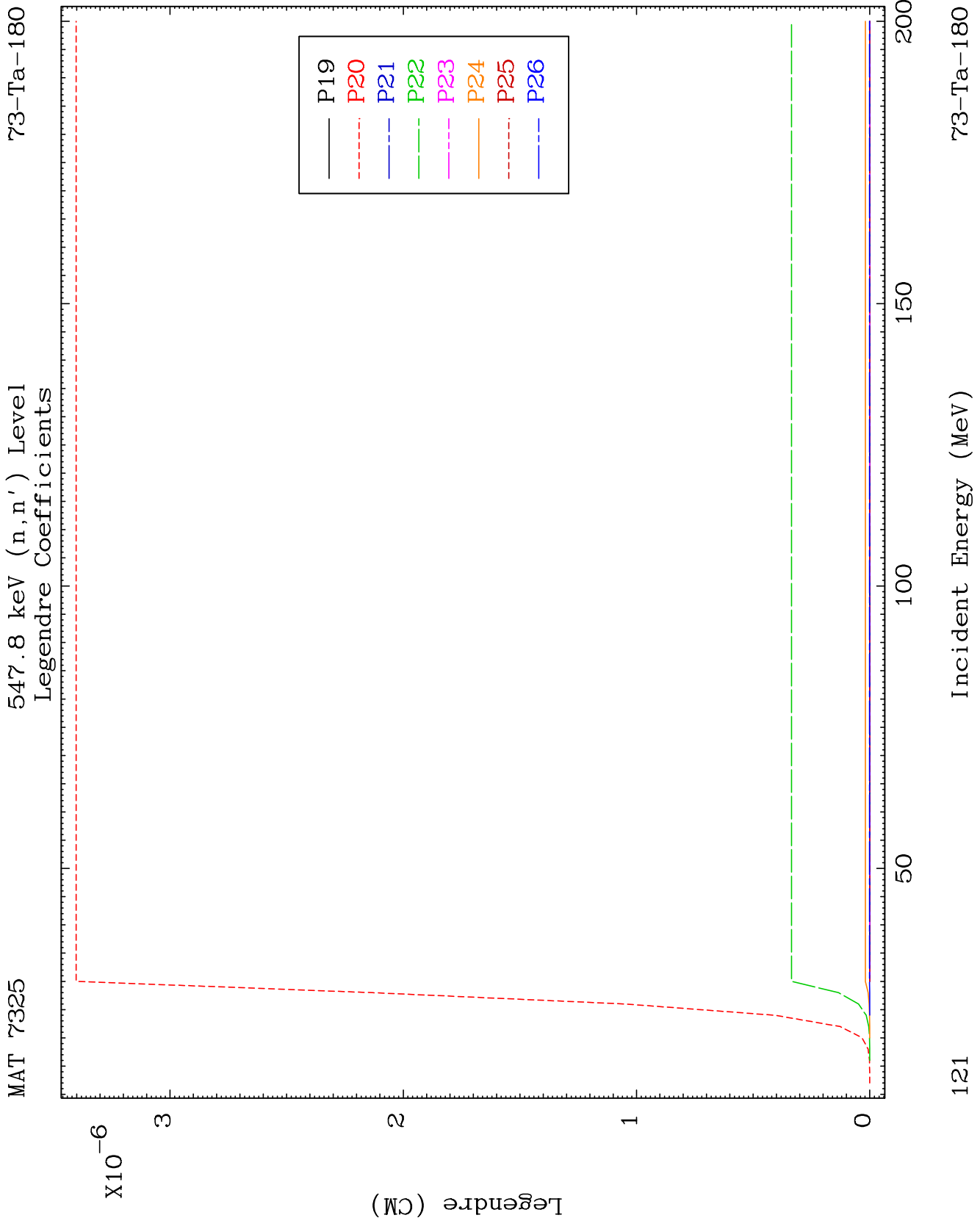
Incident Energy (MeV)

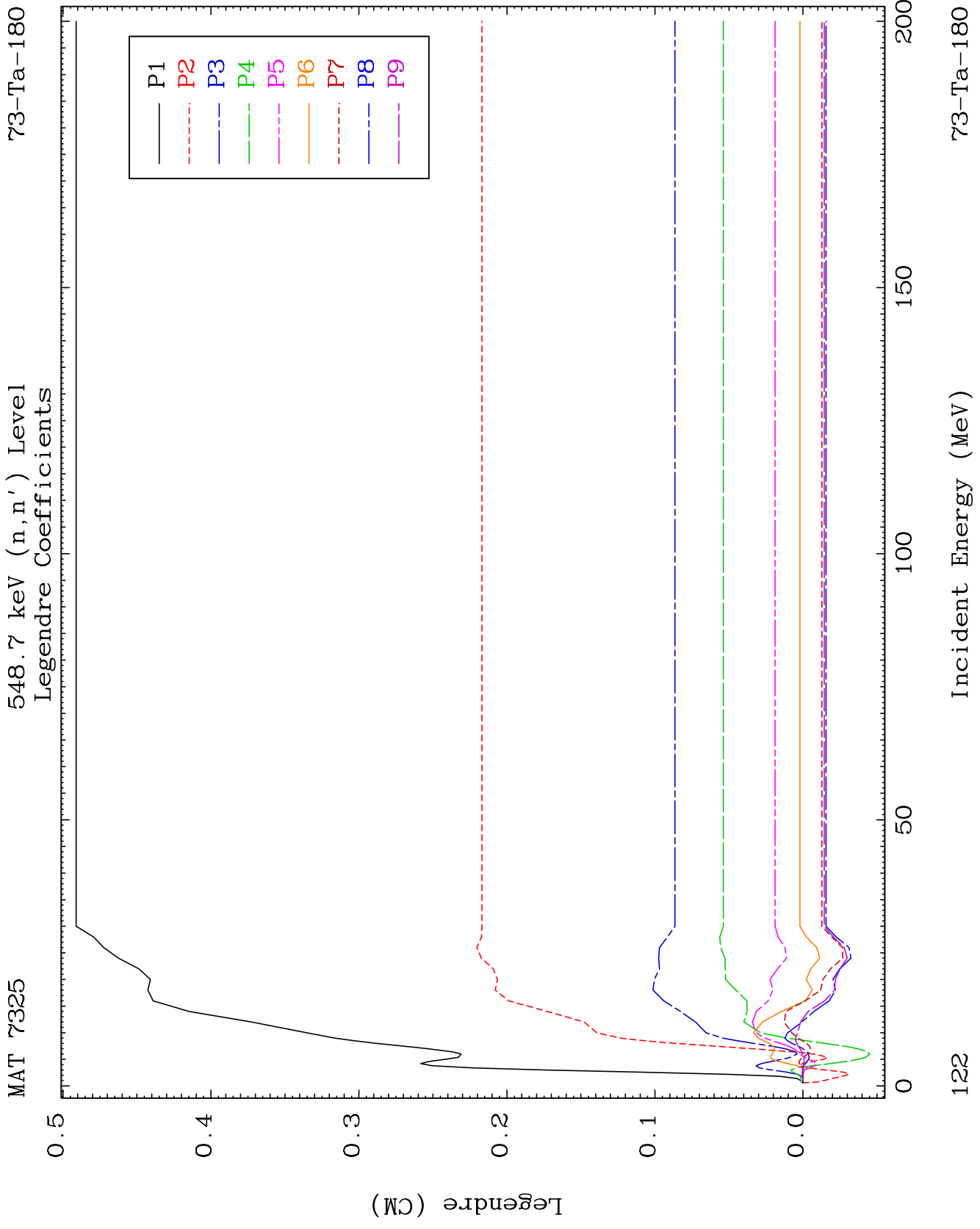
115

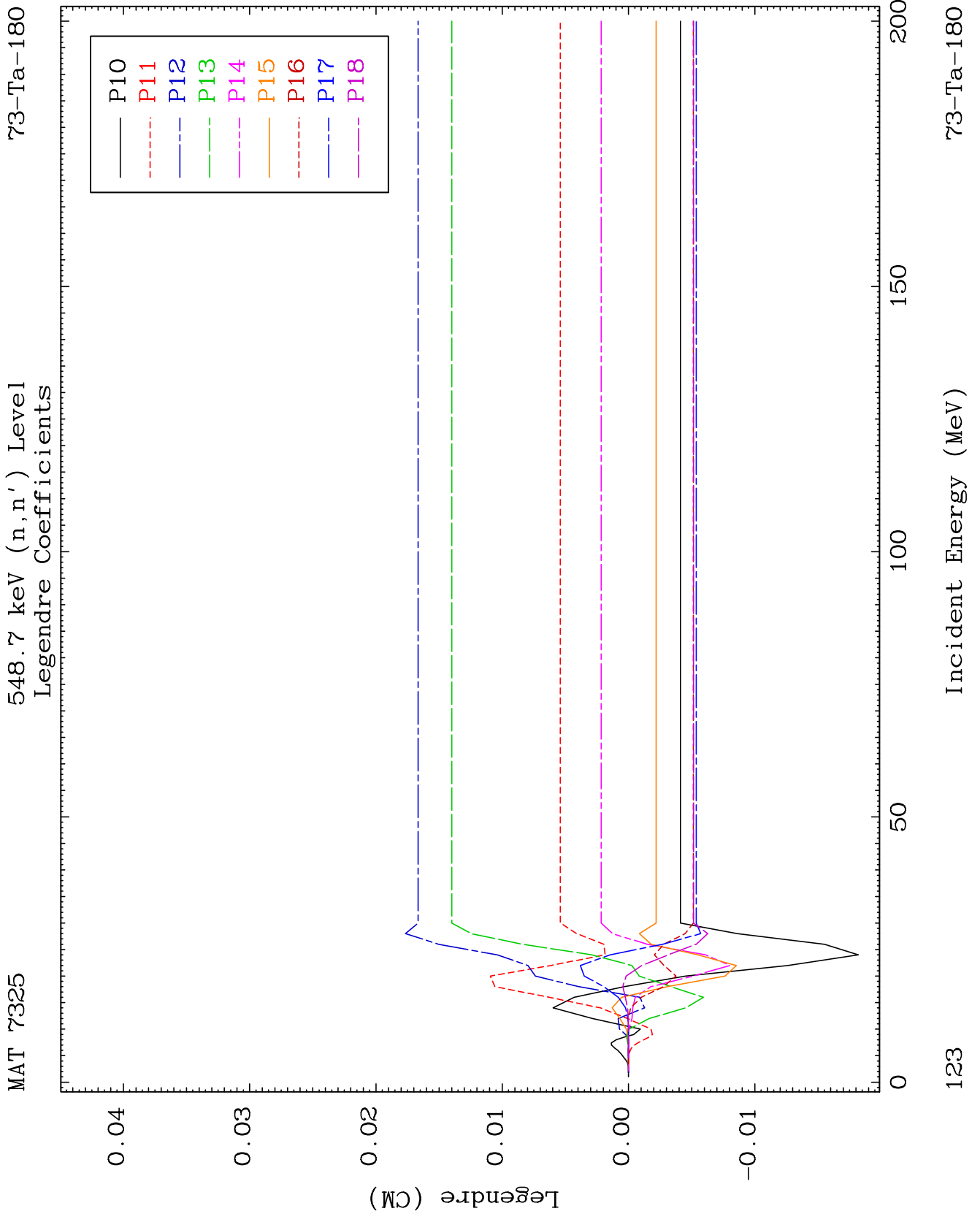








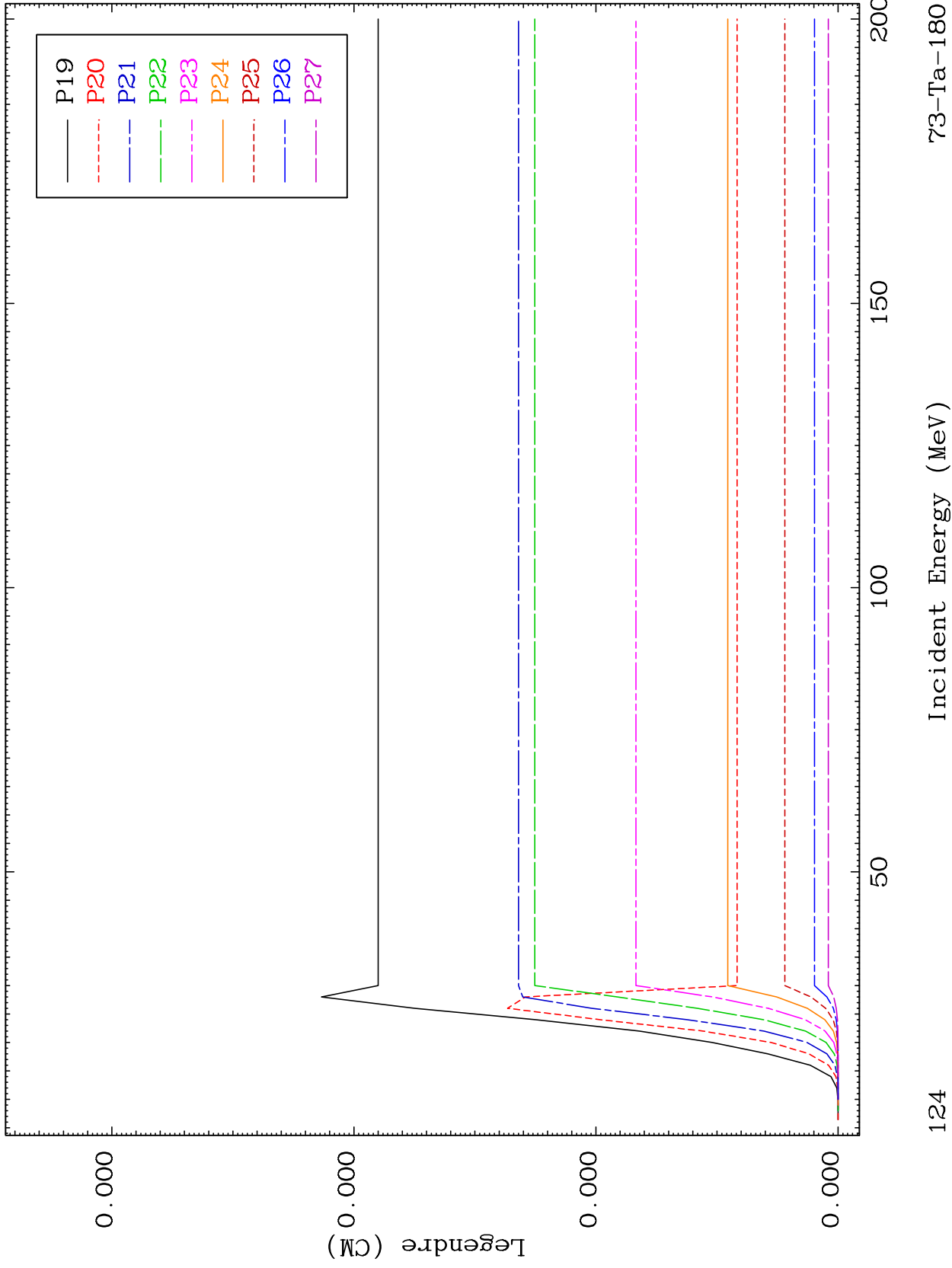




MAT 7325

548.7 keV (n,n') Level
Legendre Coefficients

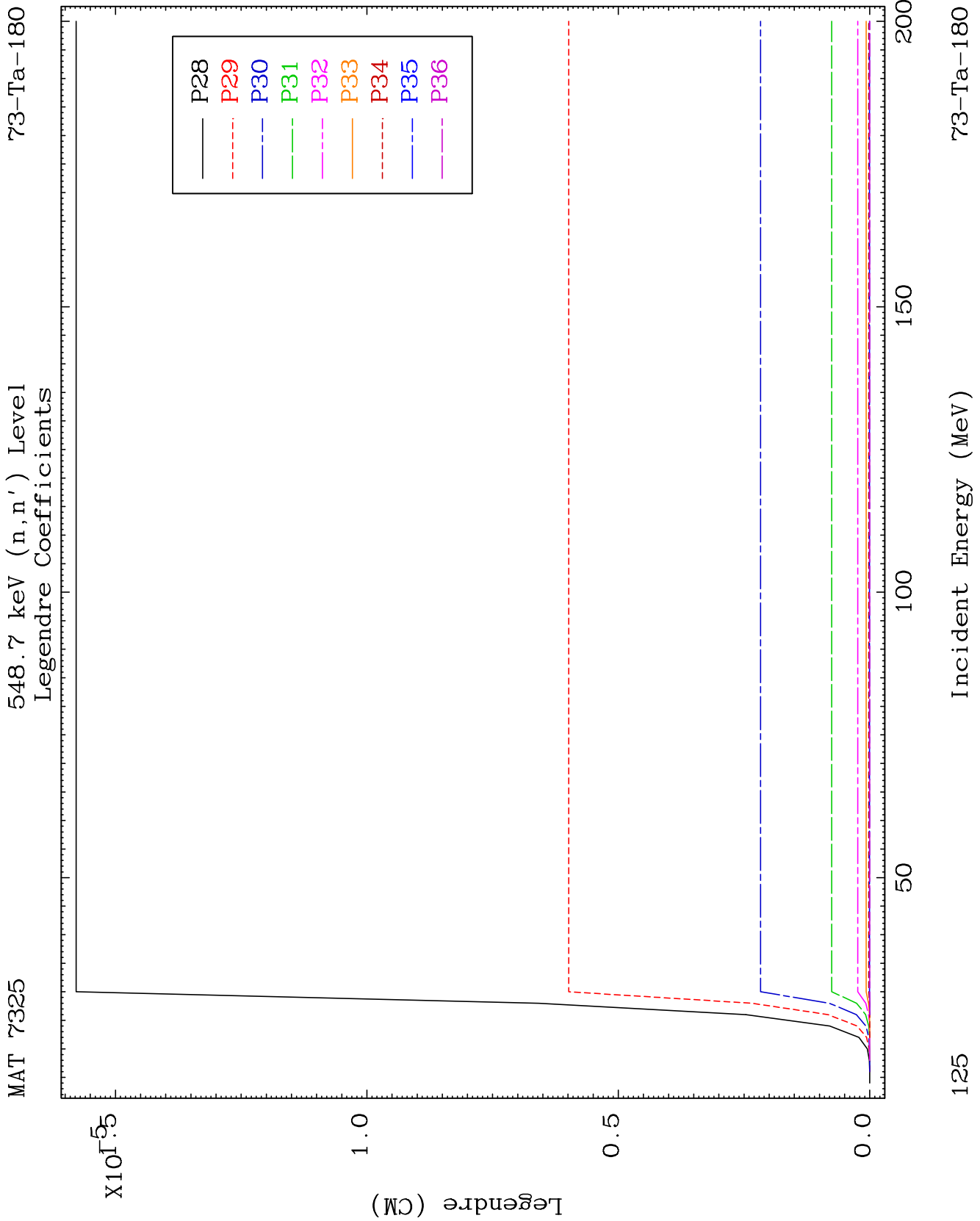
73-Ta-180



124

Incident Energy (MeV)

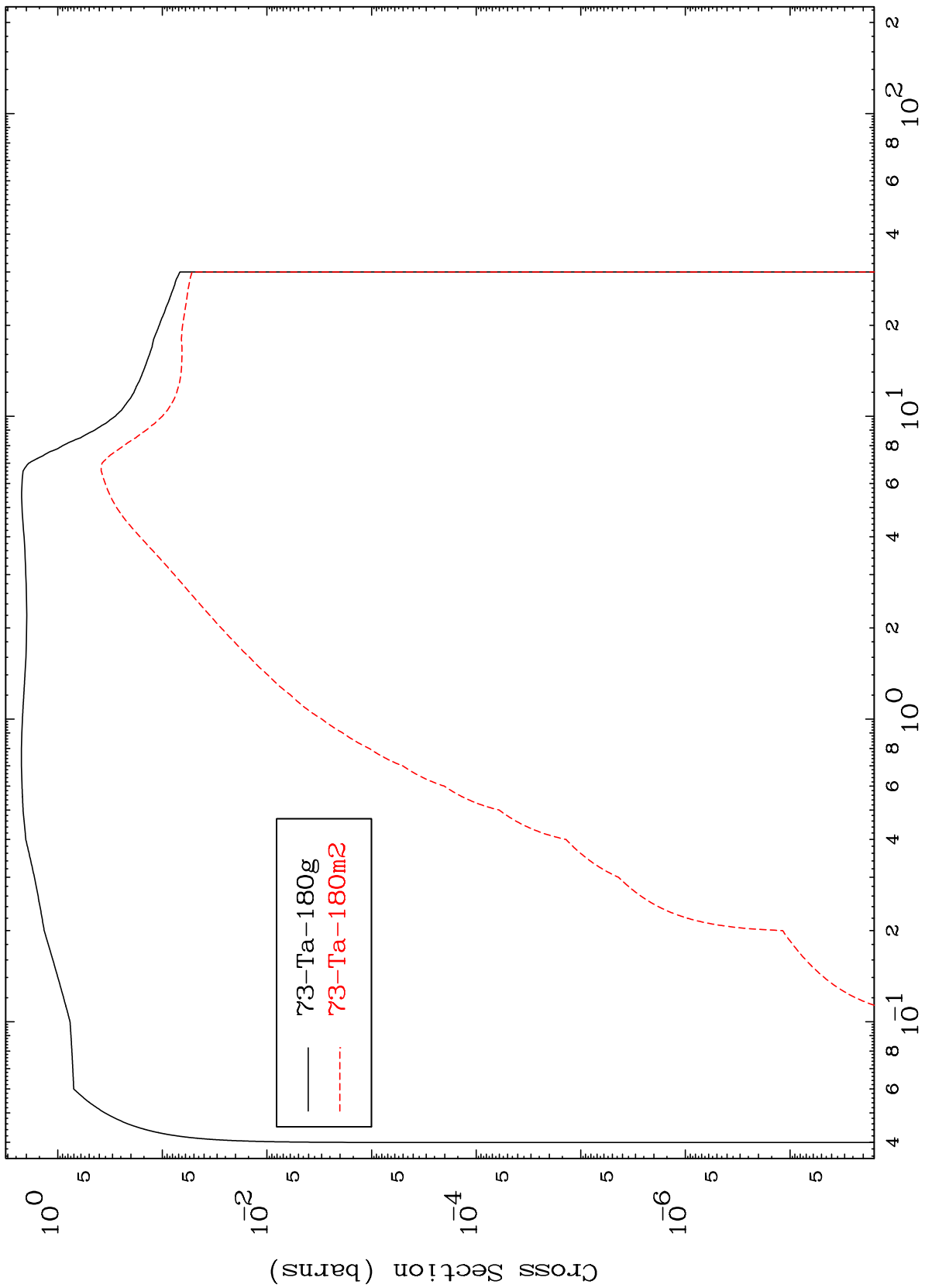
73-Ta-180



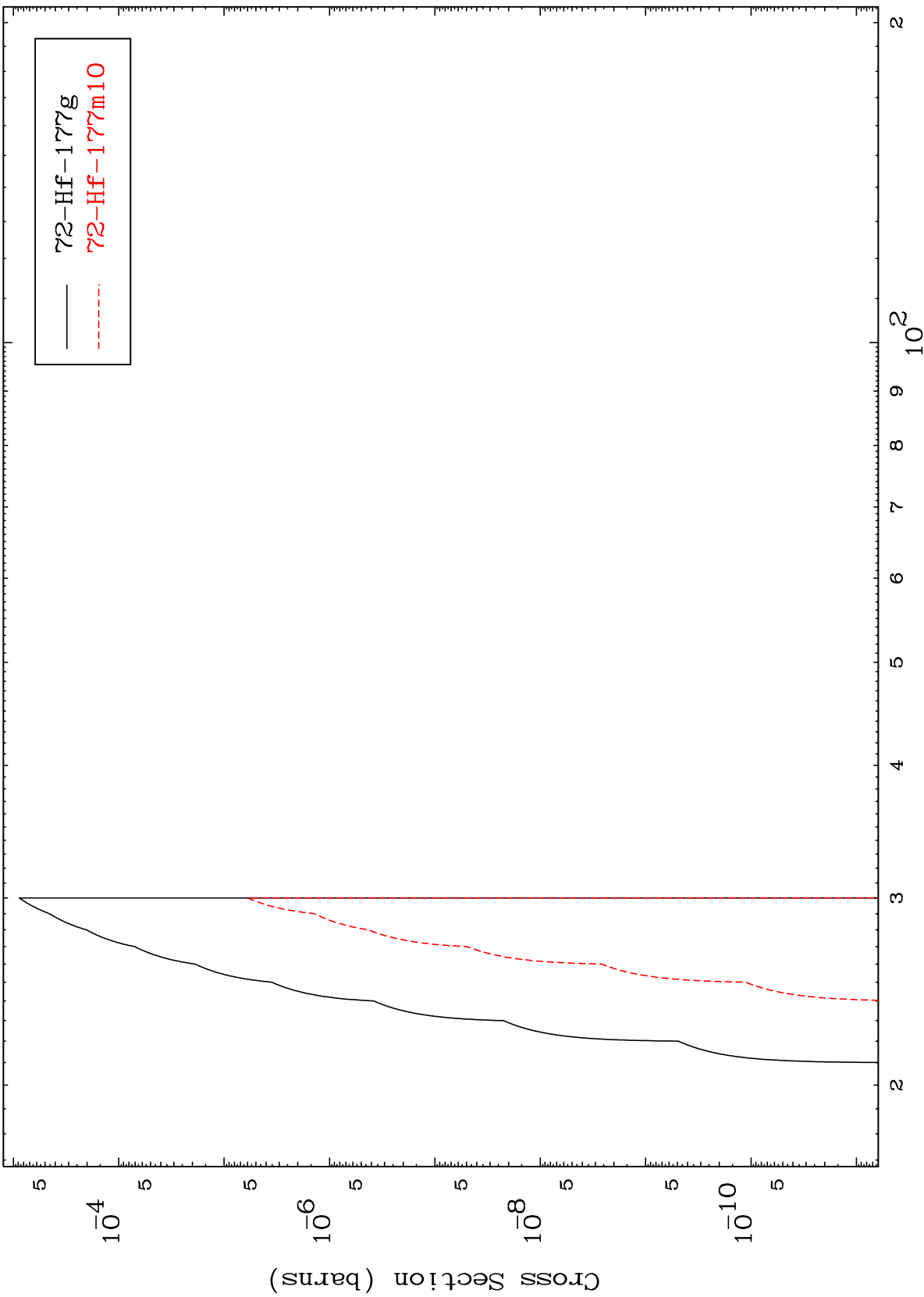
MAT 7325

73-Ta-180

Inelastic
Radionuclide Production Cross Section



Radionuclide Production Cross Section

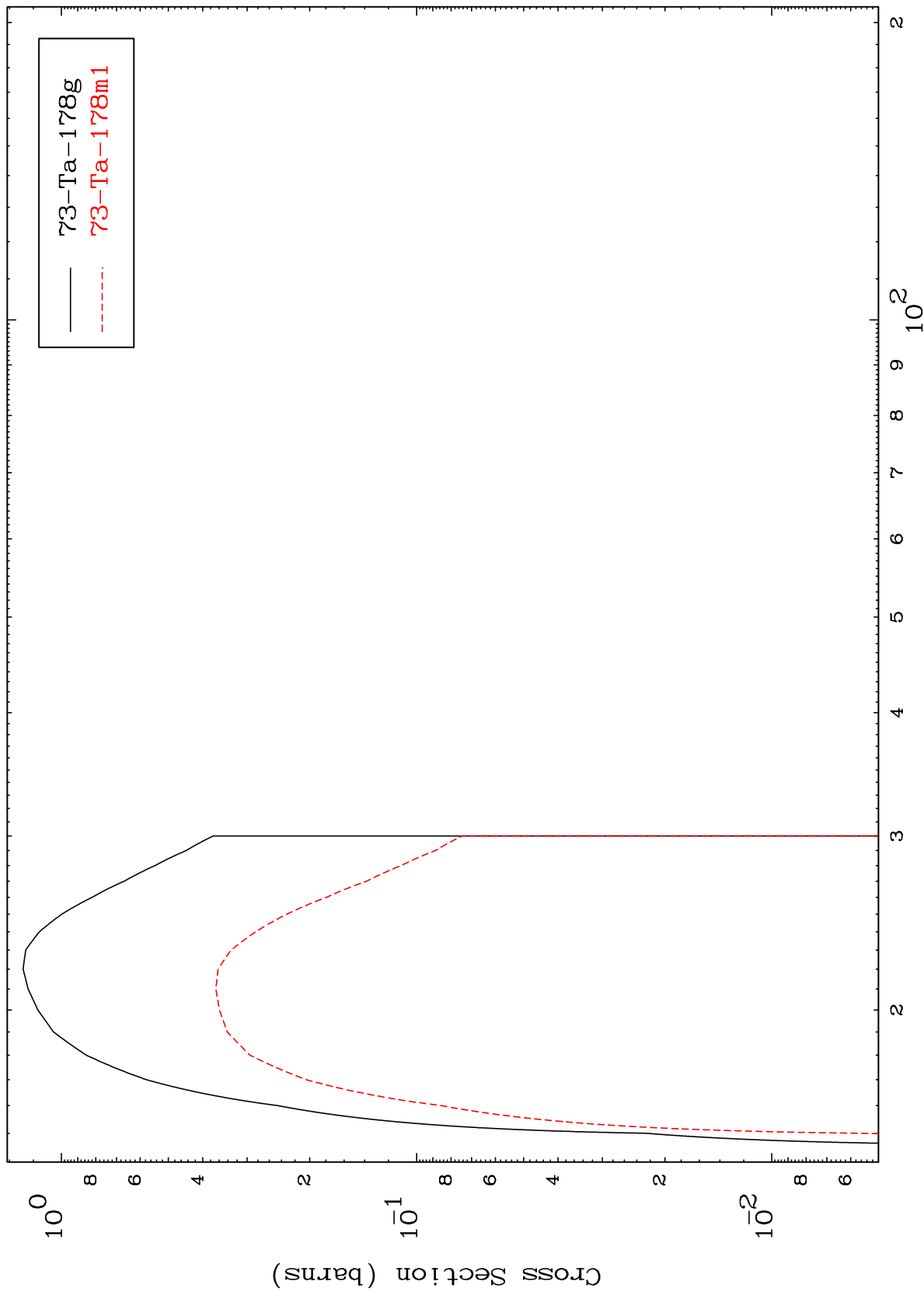


72-Hf-177g
72-Hf-177m10

MAT 7325

73-Ta-180

(n,3n)
Radionuclide Production Cross Section



128

73-Ta-180

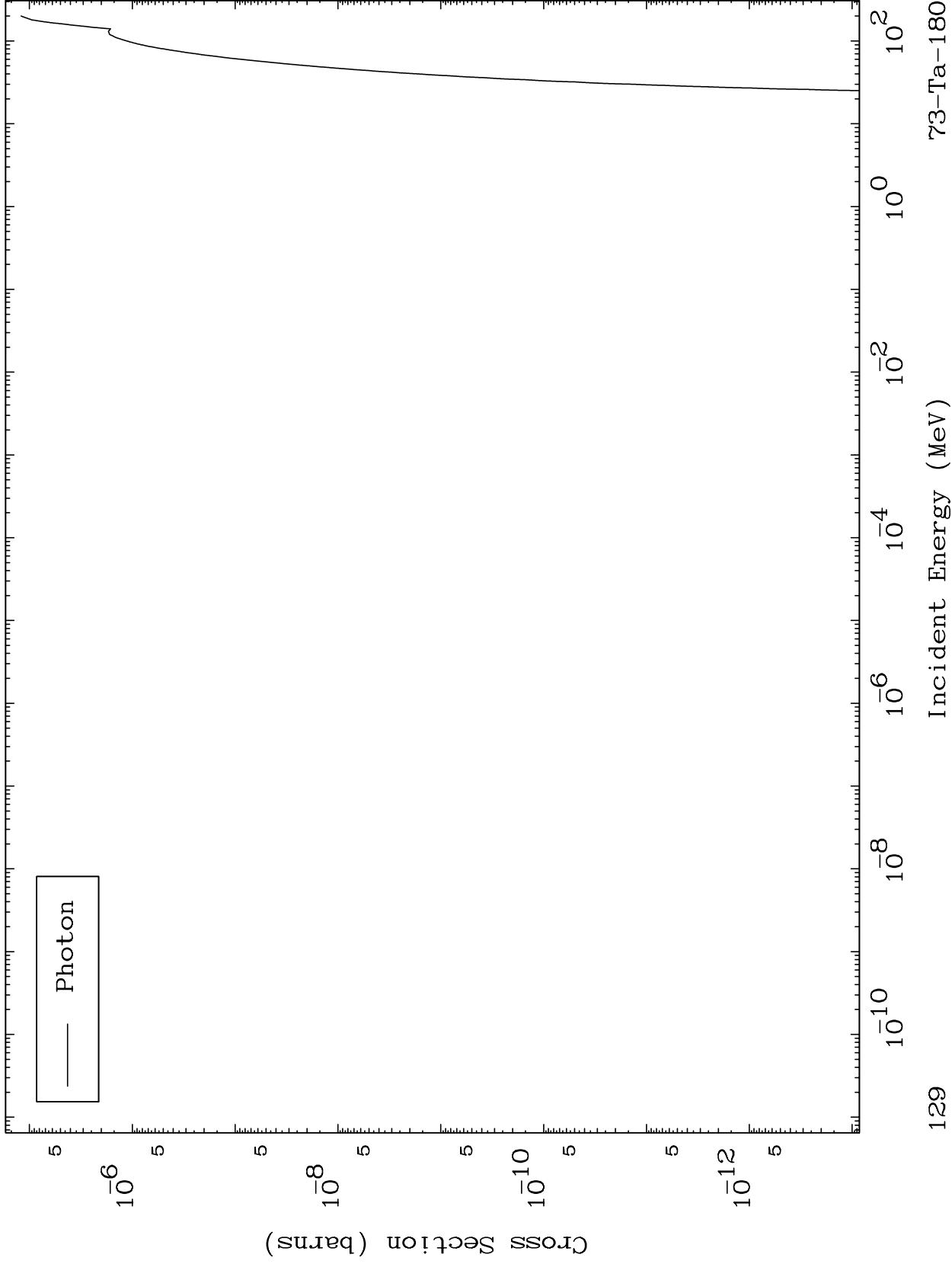
Incident Energy (MeV)

MAT 7325

Fission

⁷³Ta-180

Radionuclide Production Cross Section



129

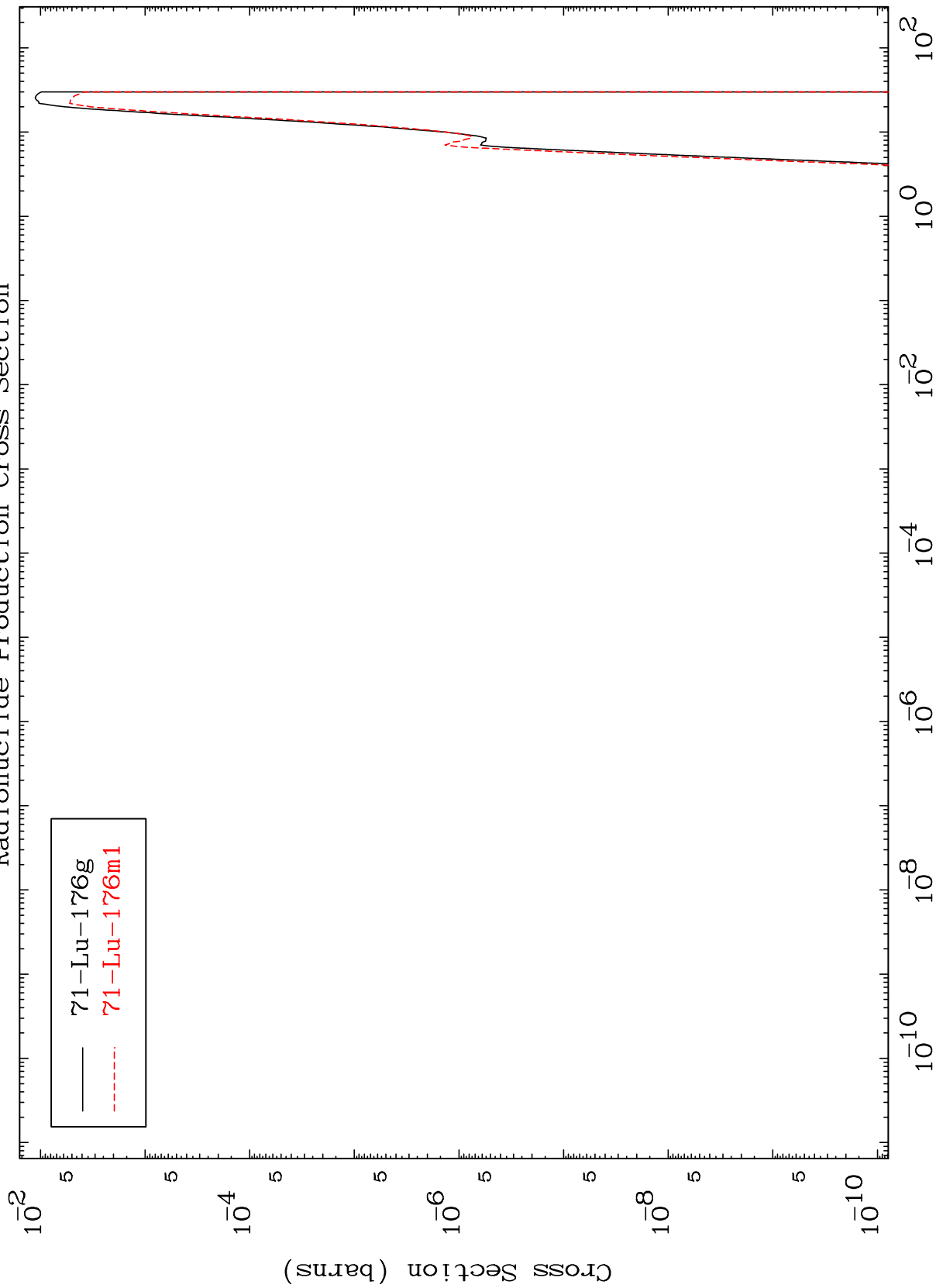
⁷³Ta-180

MAT 7325

$(n, n') \alpha$

$^{73}\text{Ta-180}$

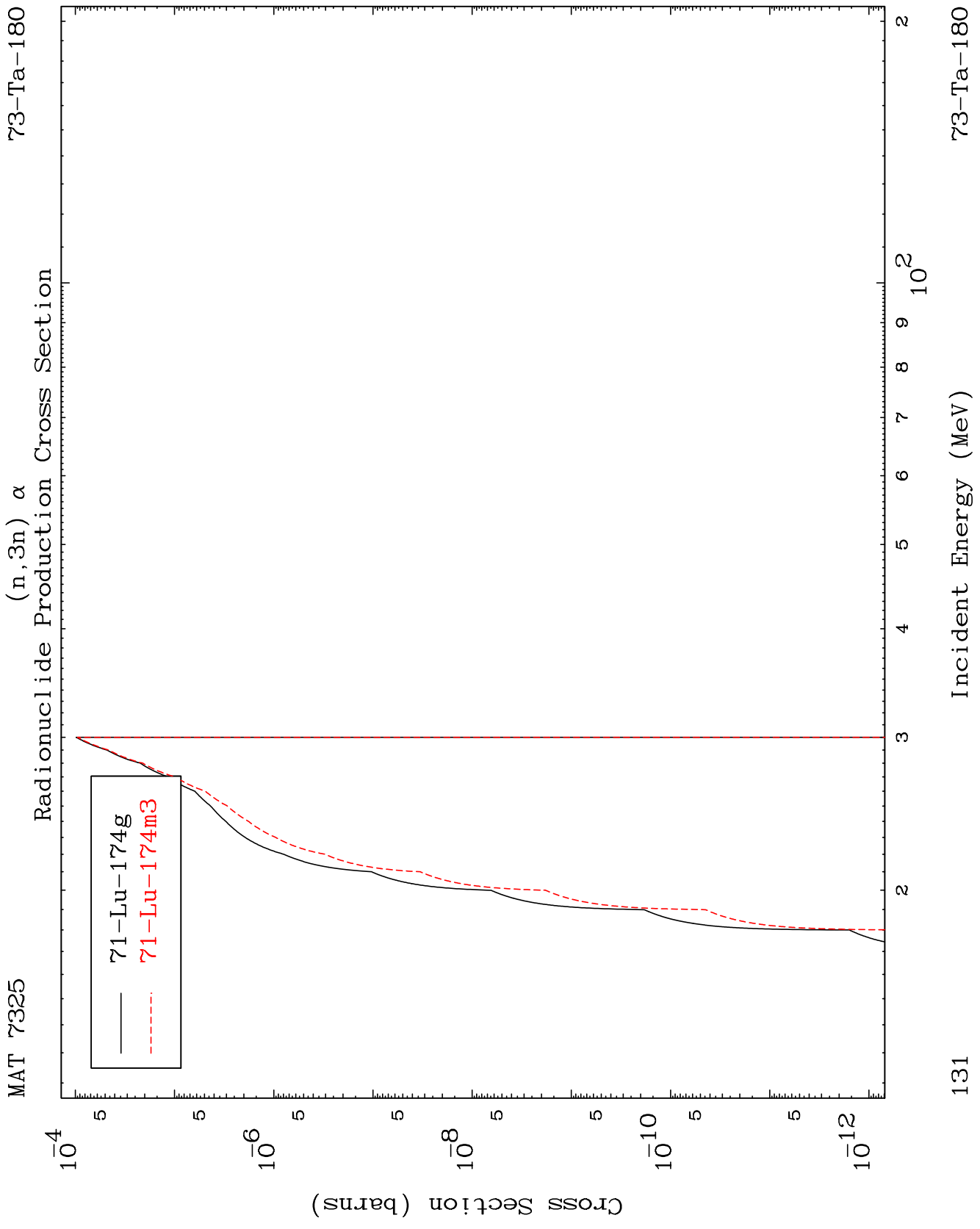
Radionuclide Production Cross Section



130

Incident Energy (MeV)

$^{73}\text{Ta-180}$

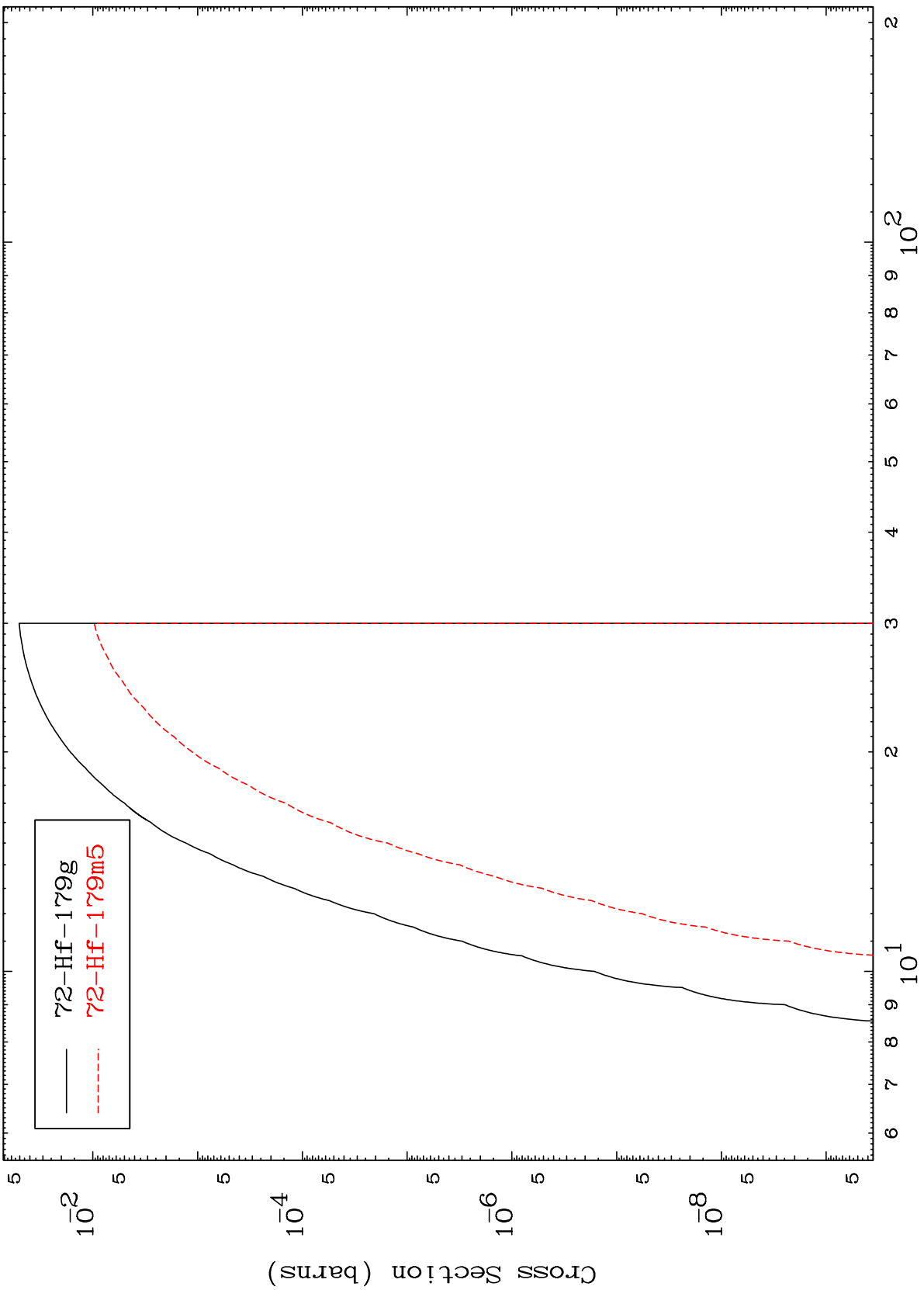


MAT 7325

(n,n') p

73-Ta-180

Radionuclide Production Cross Section



132

Incident Energy (MeV)

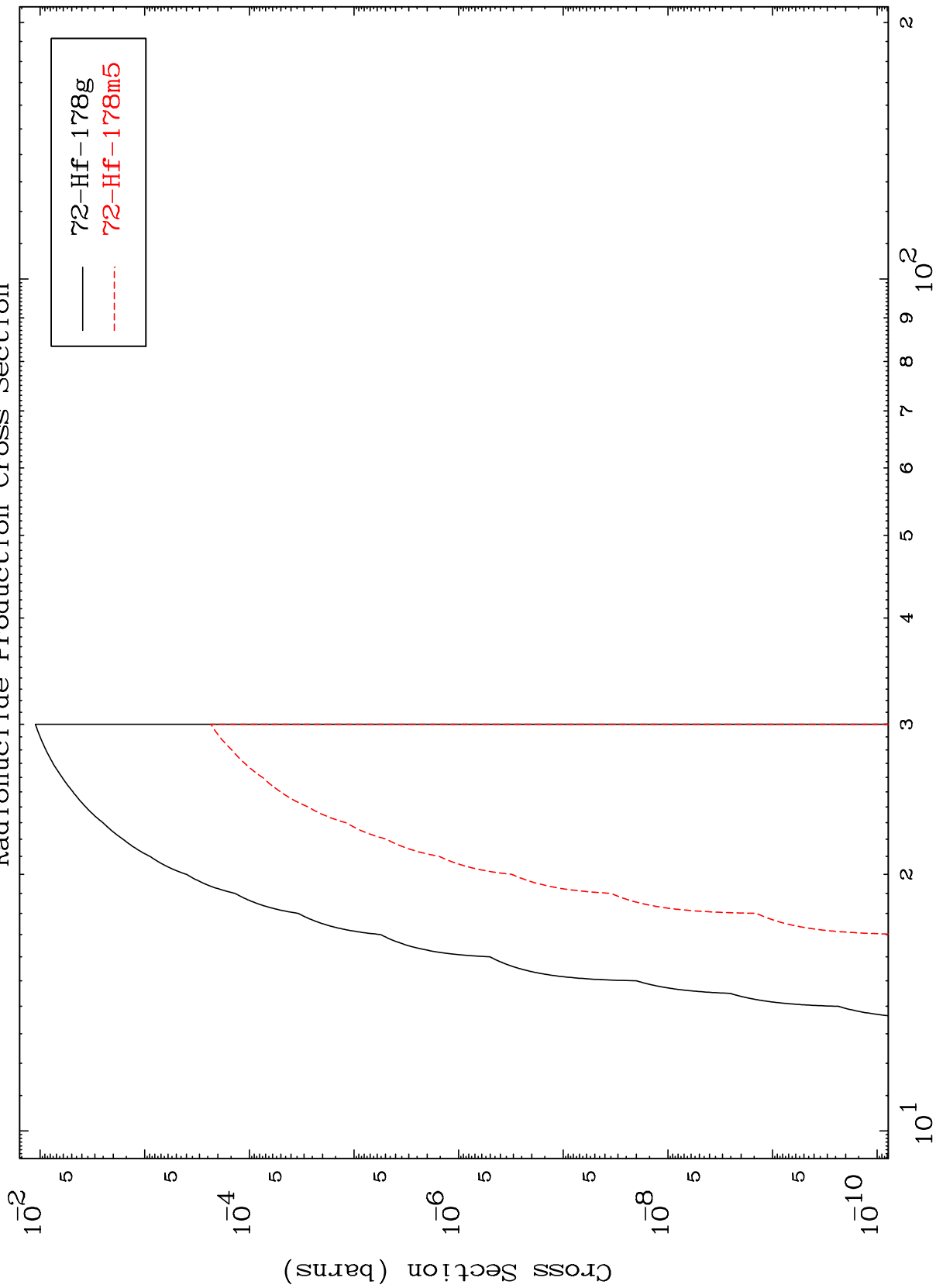
73-Ta-180

MAT 7325

(n,n') d

73-Ta-180

Radionuclide Production Cross Section



133

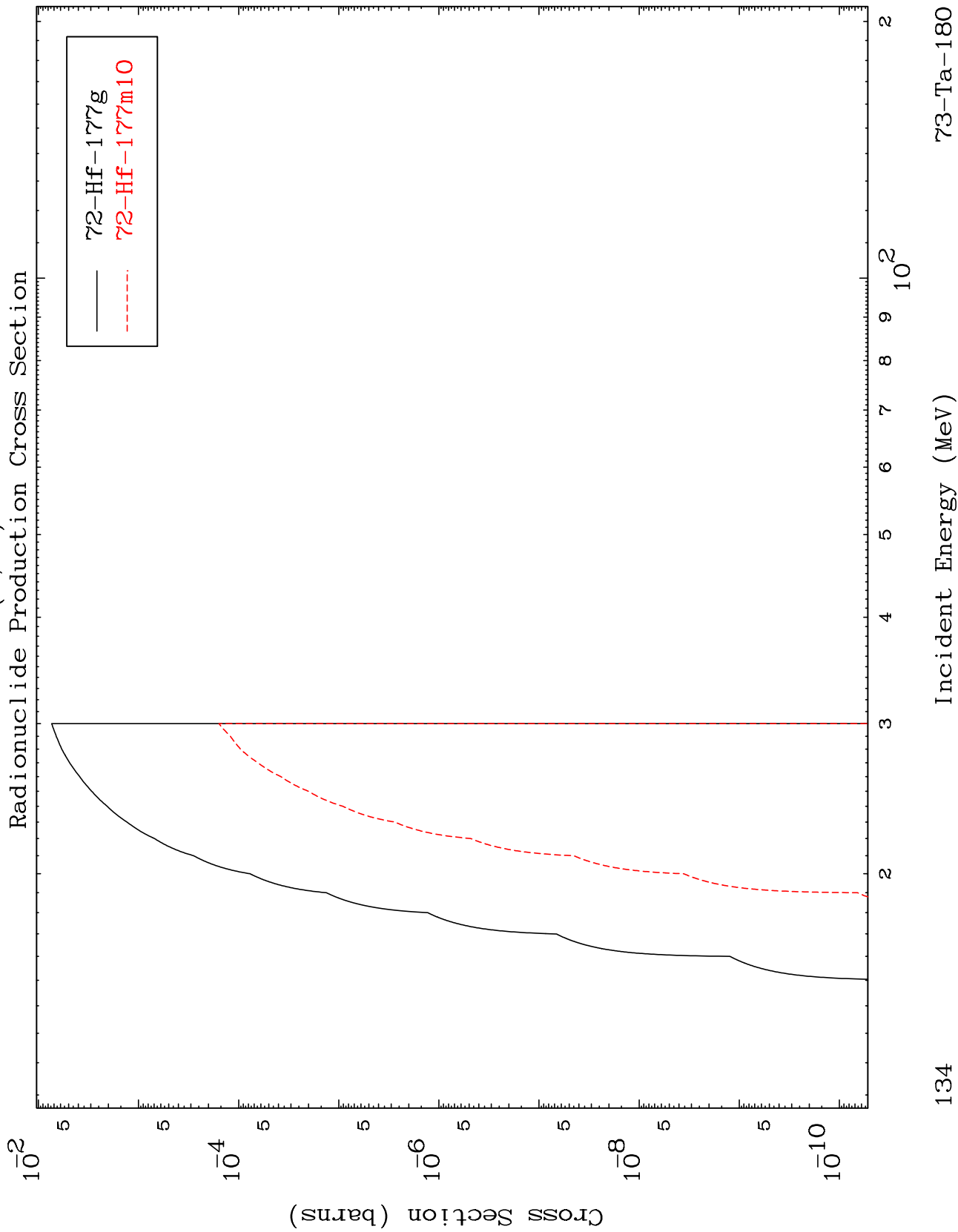
Incident Energy (MeV)

73-Ta-180

MAT 7325

(n,n') t

73-Ta-180



134

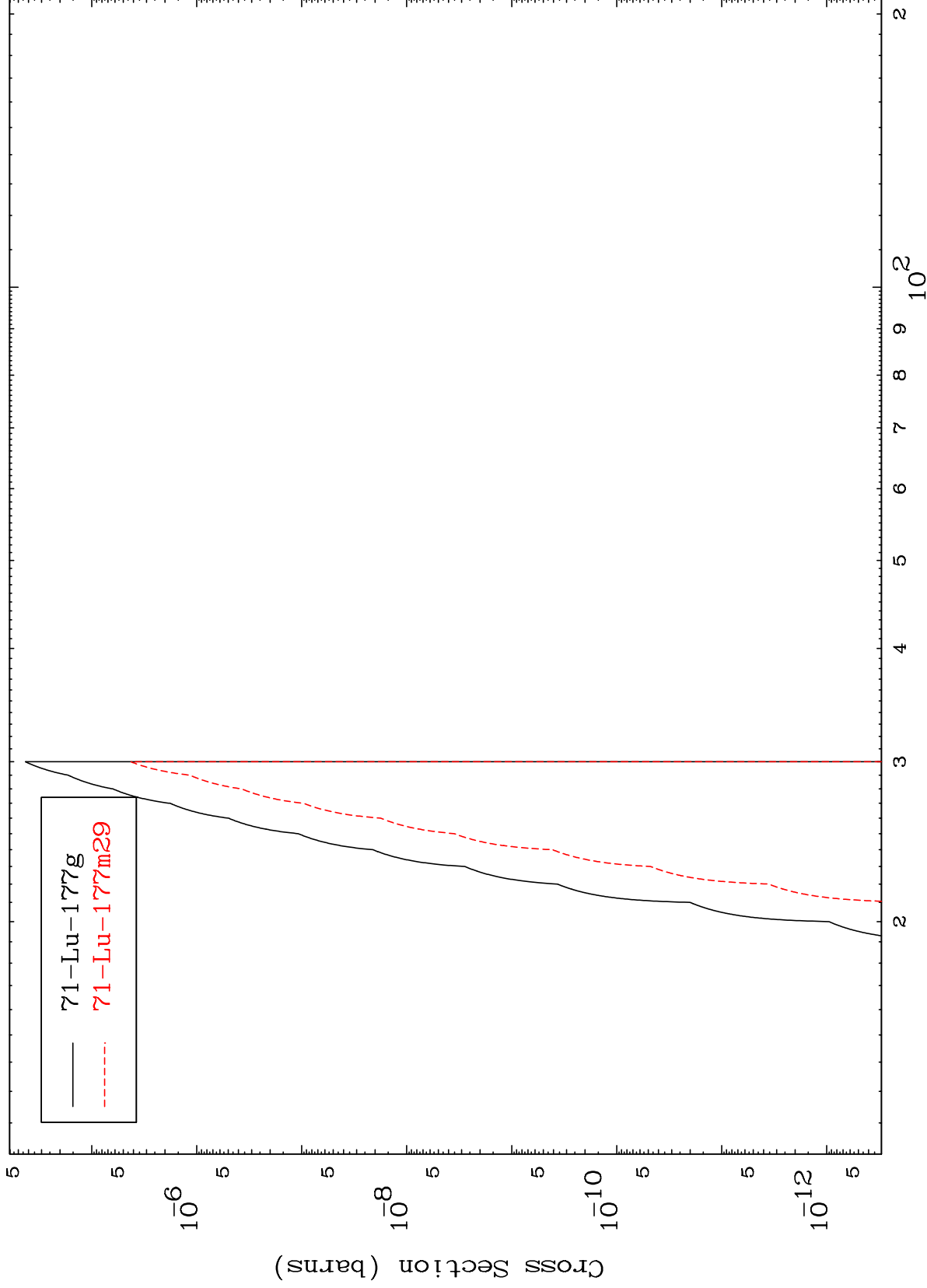
73-Ta-180

MAT 7325

(n,n') He-3

73-Ta-180

Radionuclide Production Cross Section



135

Incident Energy (MeV)

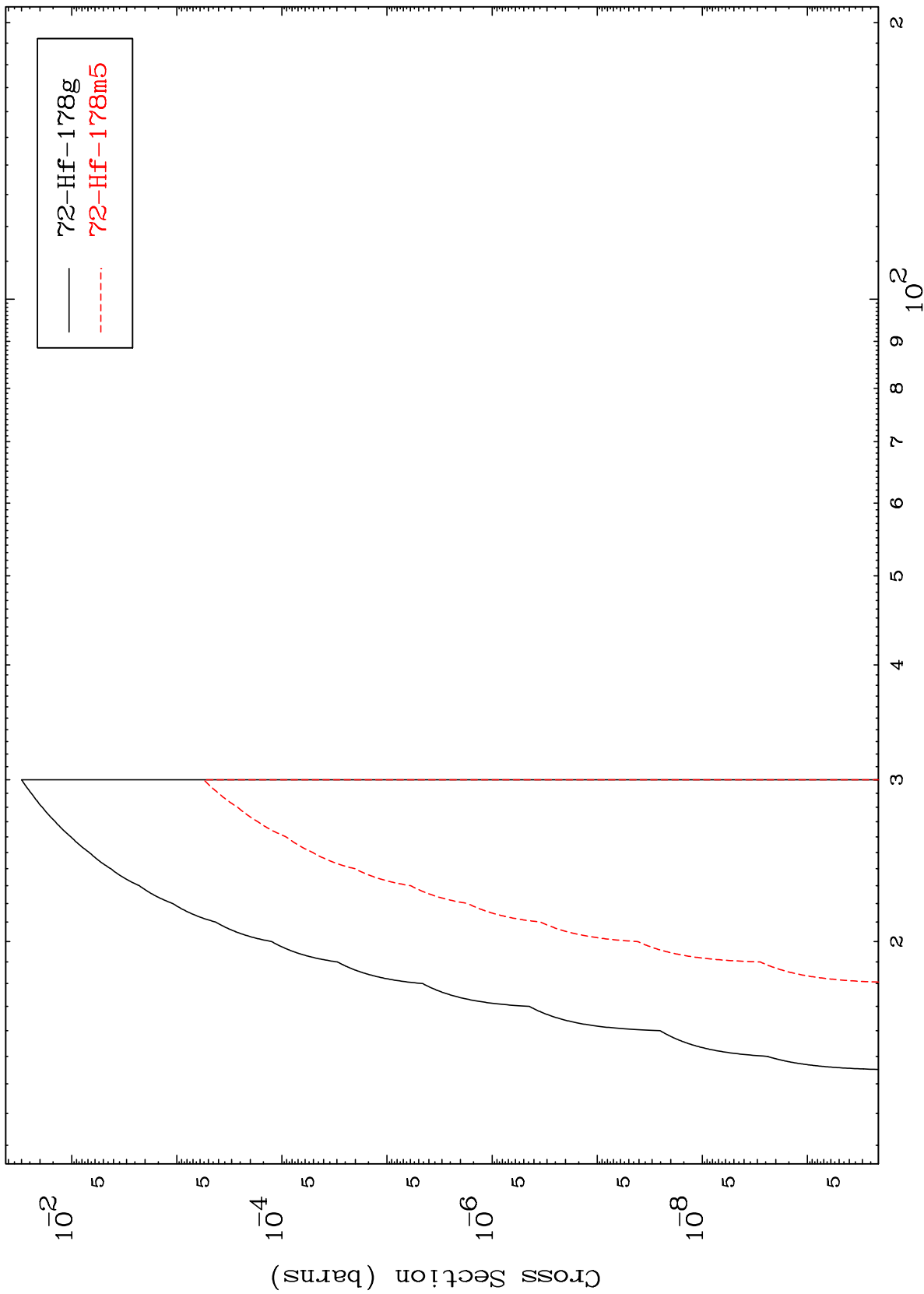
73-Ta-180

MAT 7325

(n,2n) p

73-Ta-180

Radionuclide Production Cross Section



136

Incident Energy (MeV)

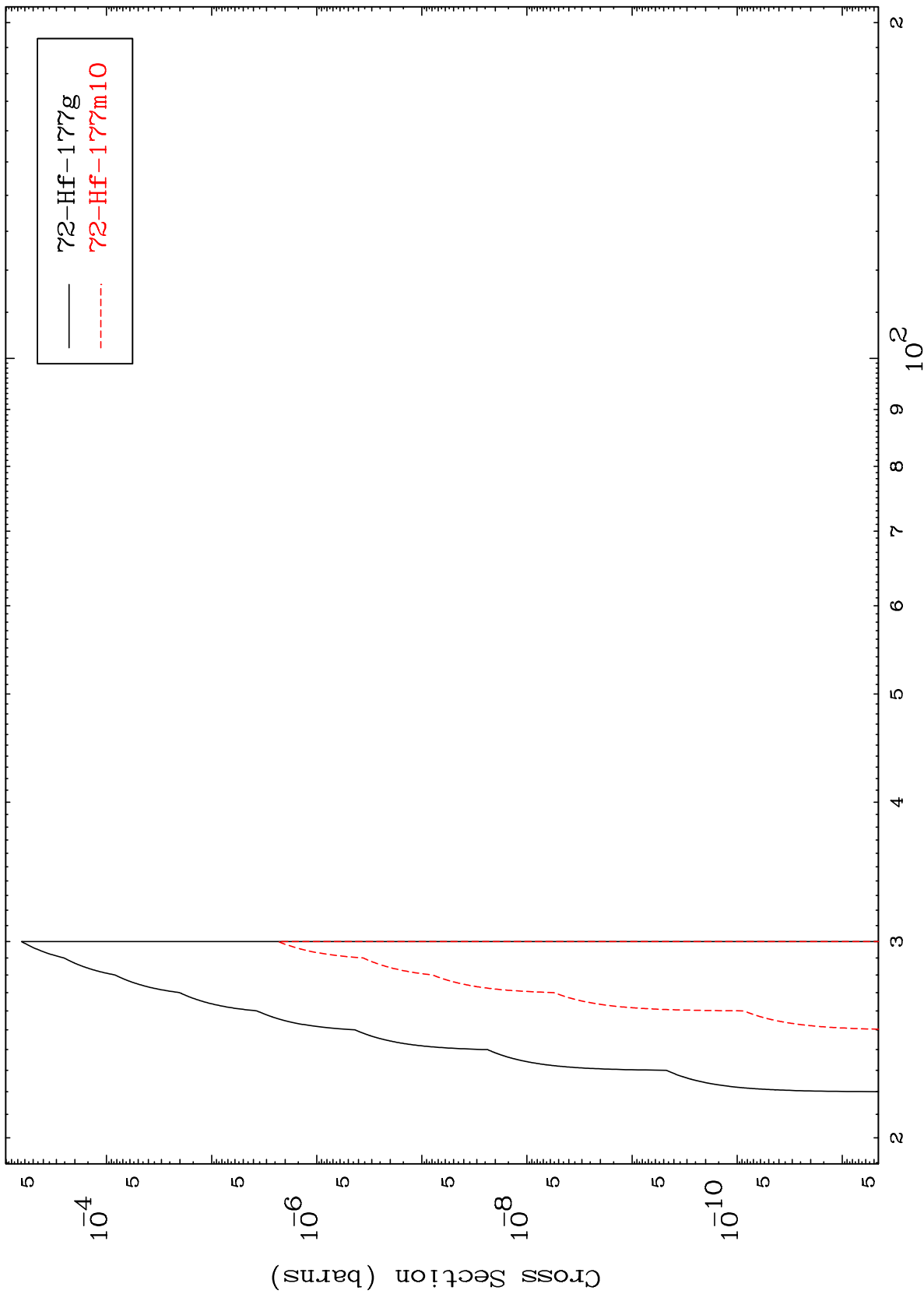
73-Ta-180

MAT 7325

(n,3n) p

73-Ta-180

Radionuclide Production Cross Section



137

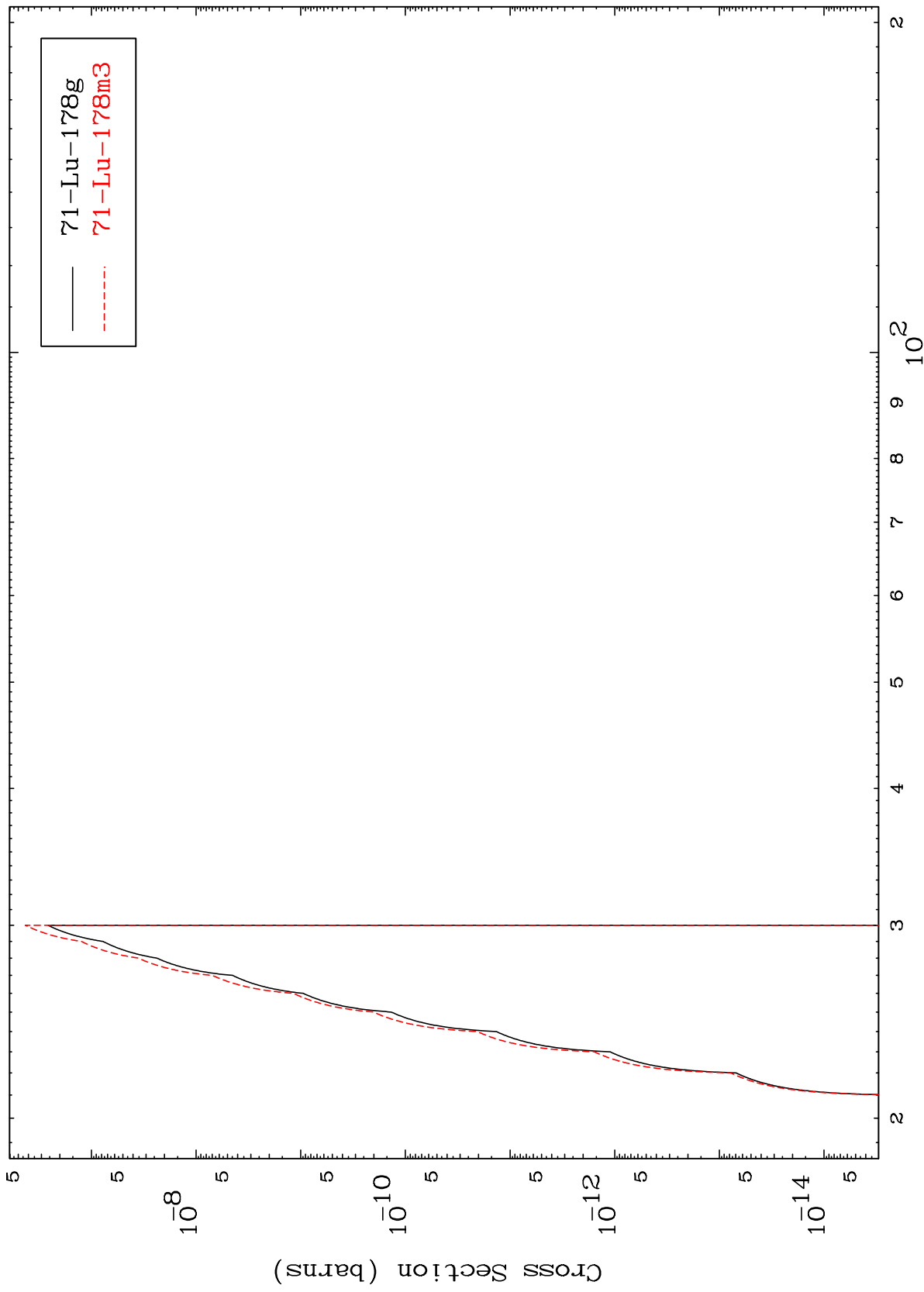
Incident Energy (MeV)

73-Ta-180

MAT 7325

73-Ta-180

(n,2n) p
Radionuclide Production Cross Section



138

Incident Energy (MeV)

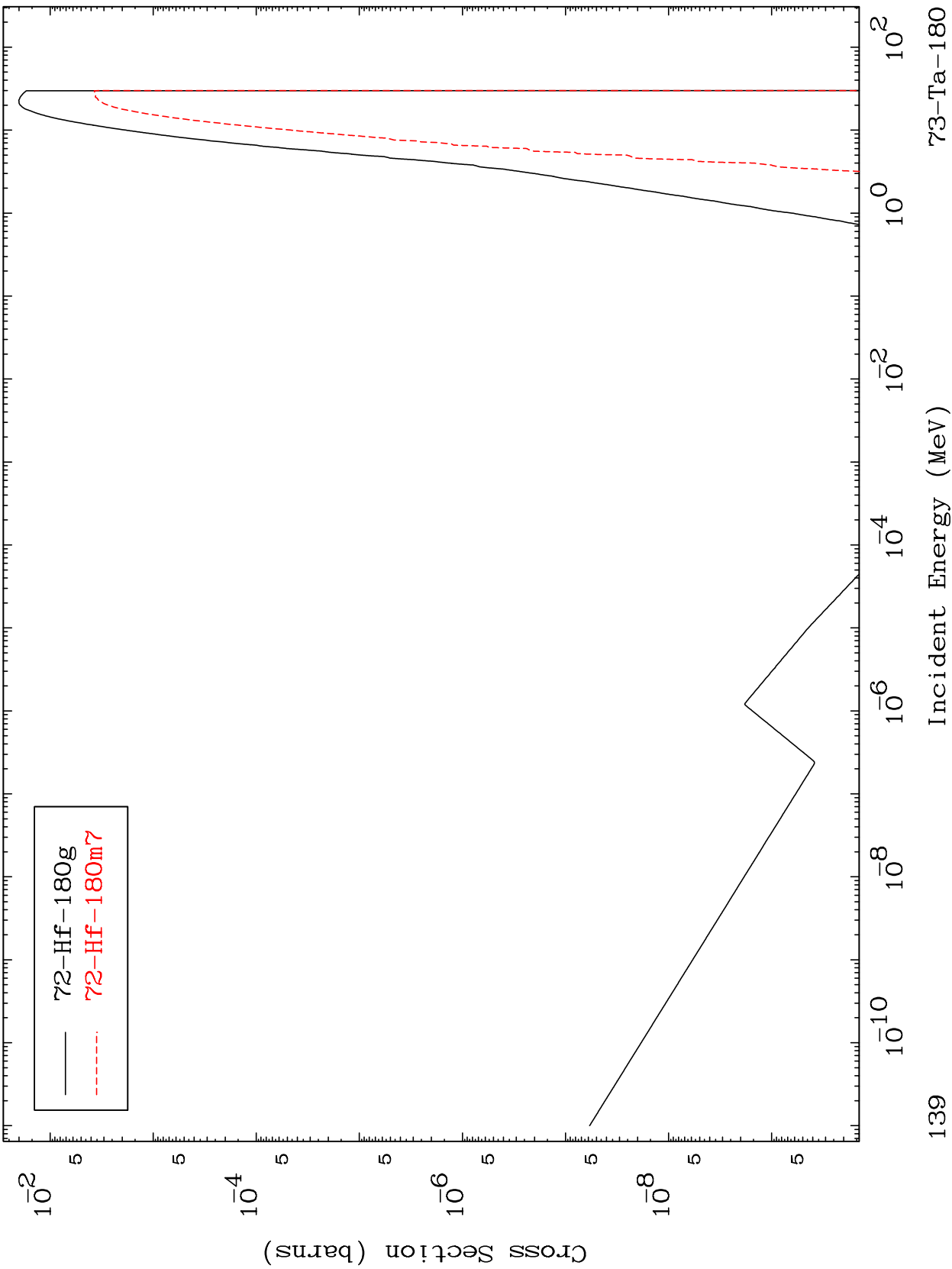
73-Ta-180

MAT 7325

(n,p)

⁷³Ta-180

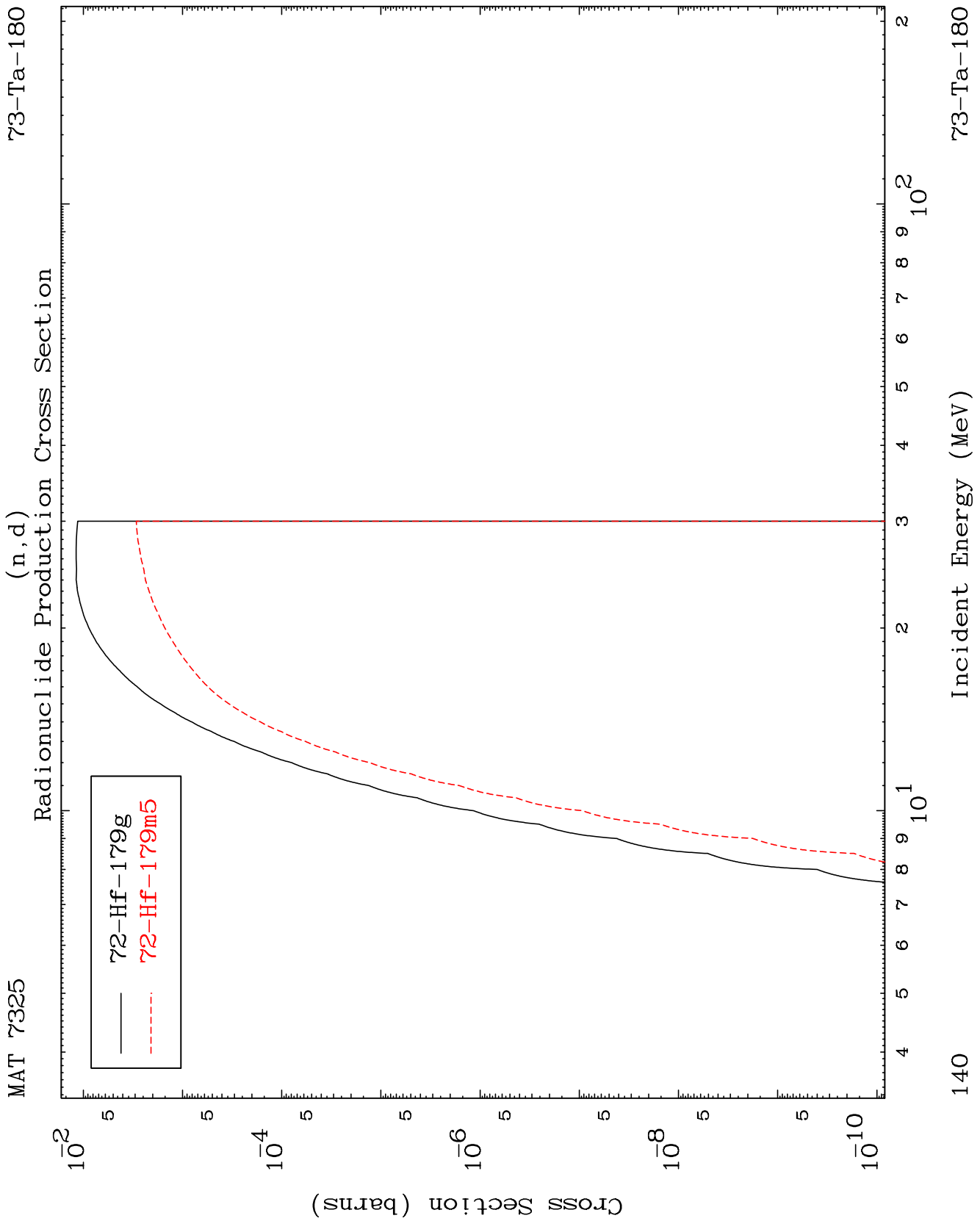
Radionuclide Production Cross Section



139

Incident Energy (MeV)

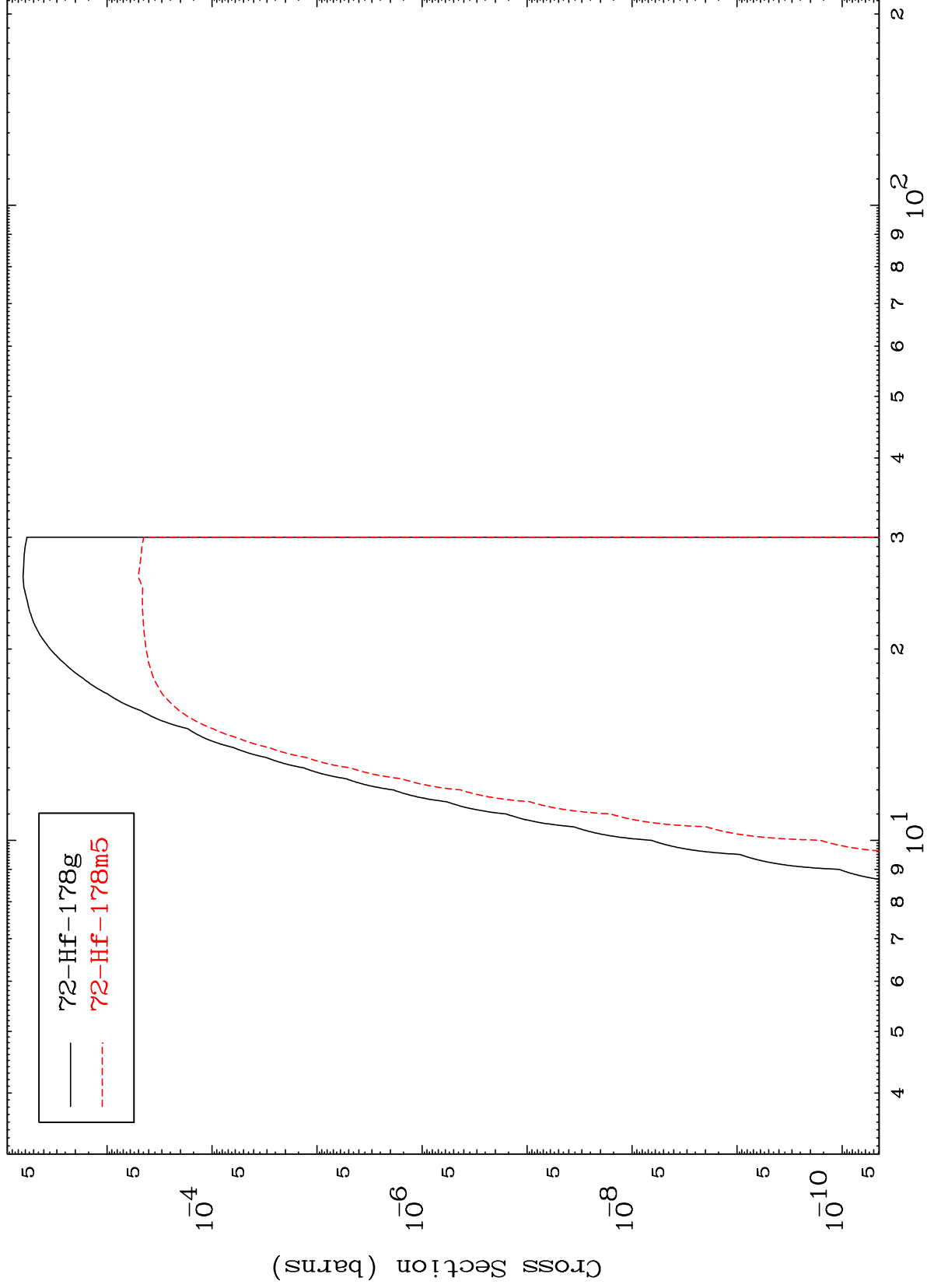
⁷³Ta-180



MAT 7325

73-Ta-180

Radionuclide Production Cross Section



141

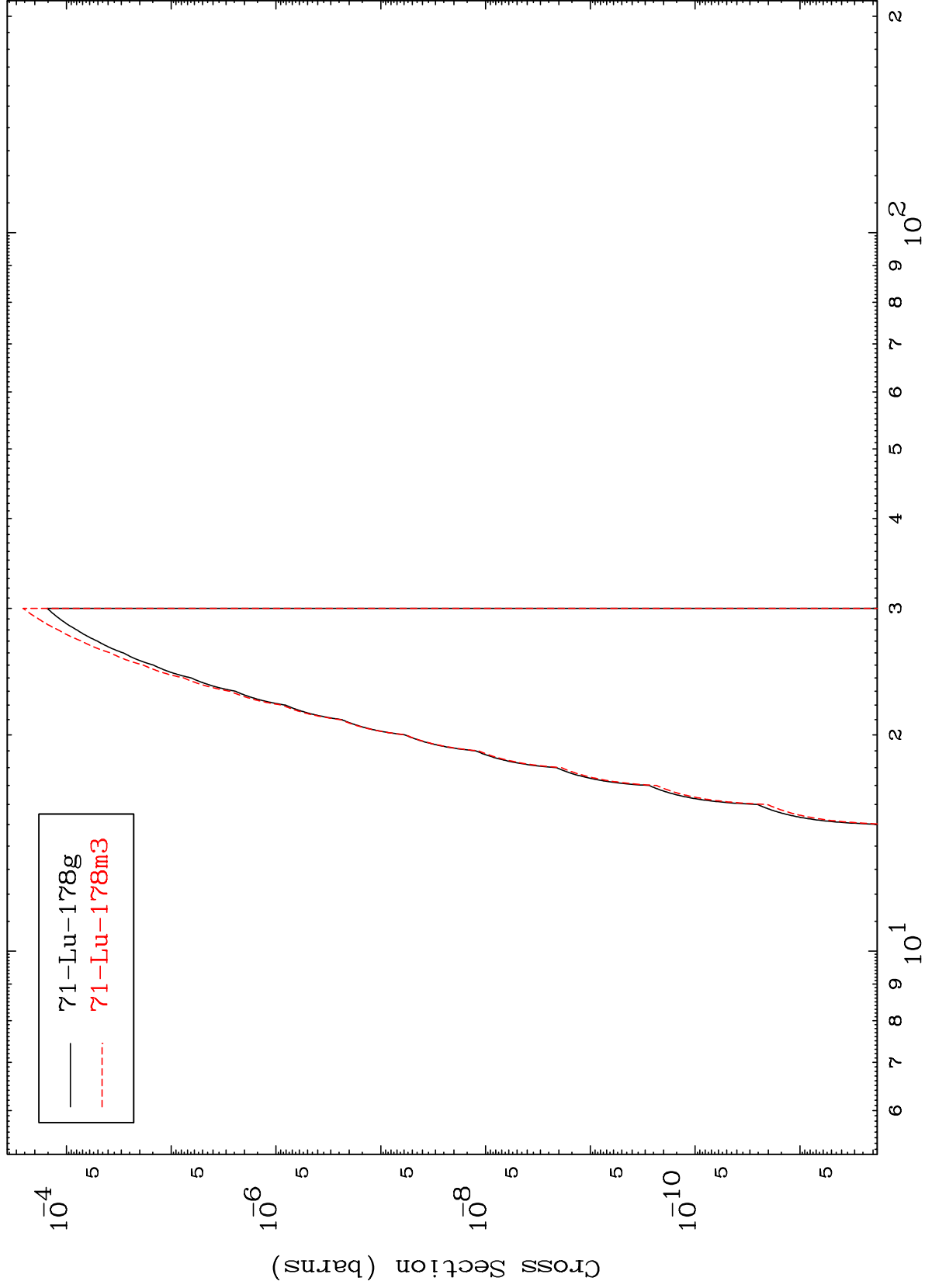
73-Ta-180

MAT 7325

(n,He-3)

73-Ta-180

Radionuclide Production Cross Section



142

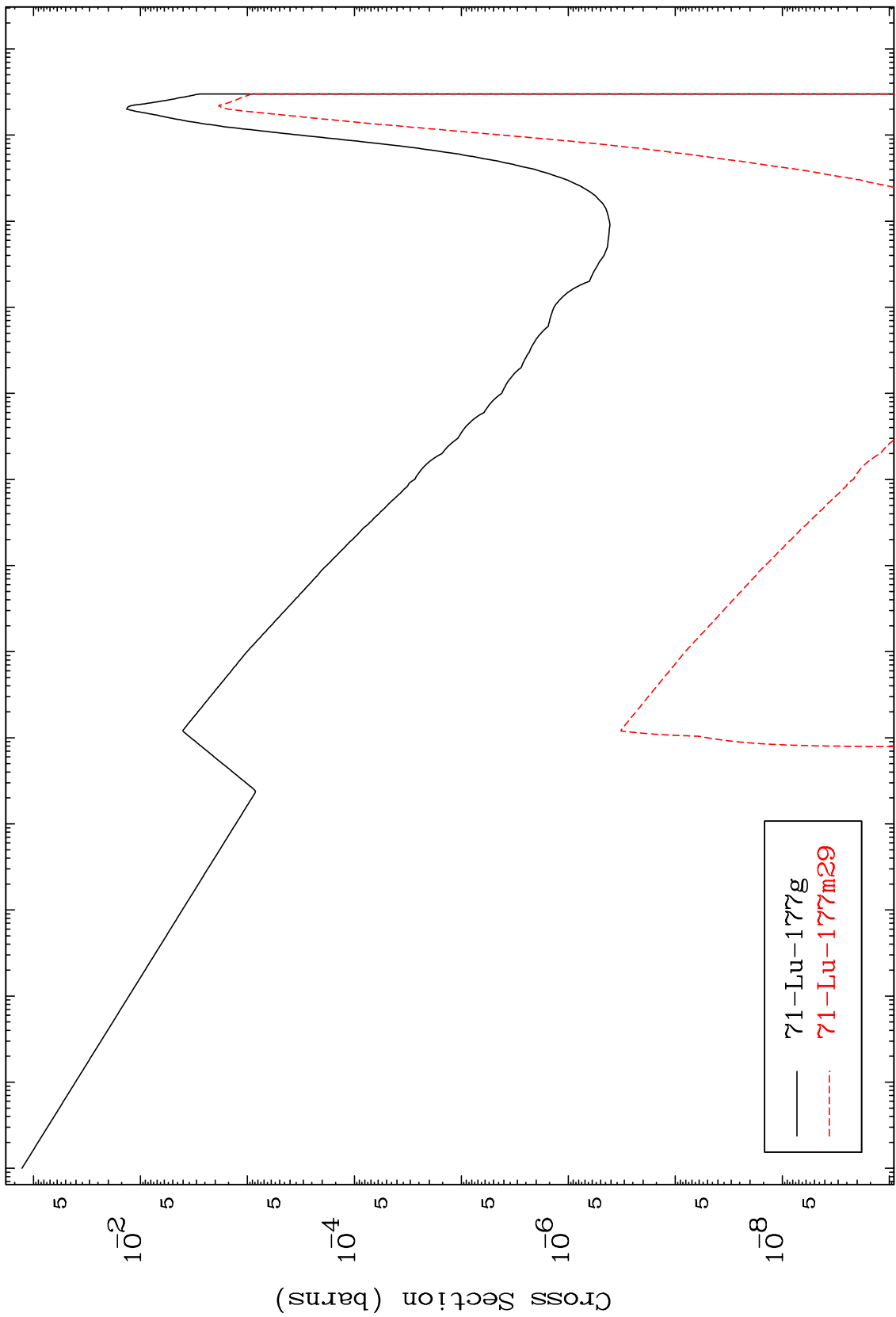
Incident Energy (MeV)

73-Ta-180

MAT 7325

73-Ta-180

Radionuclide Production Cross Section

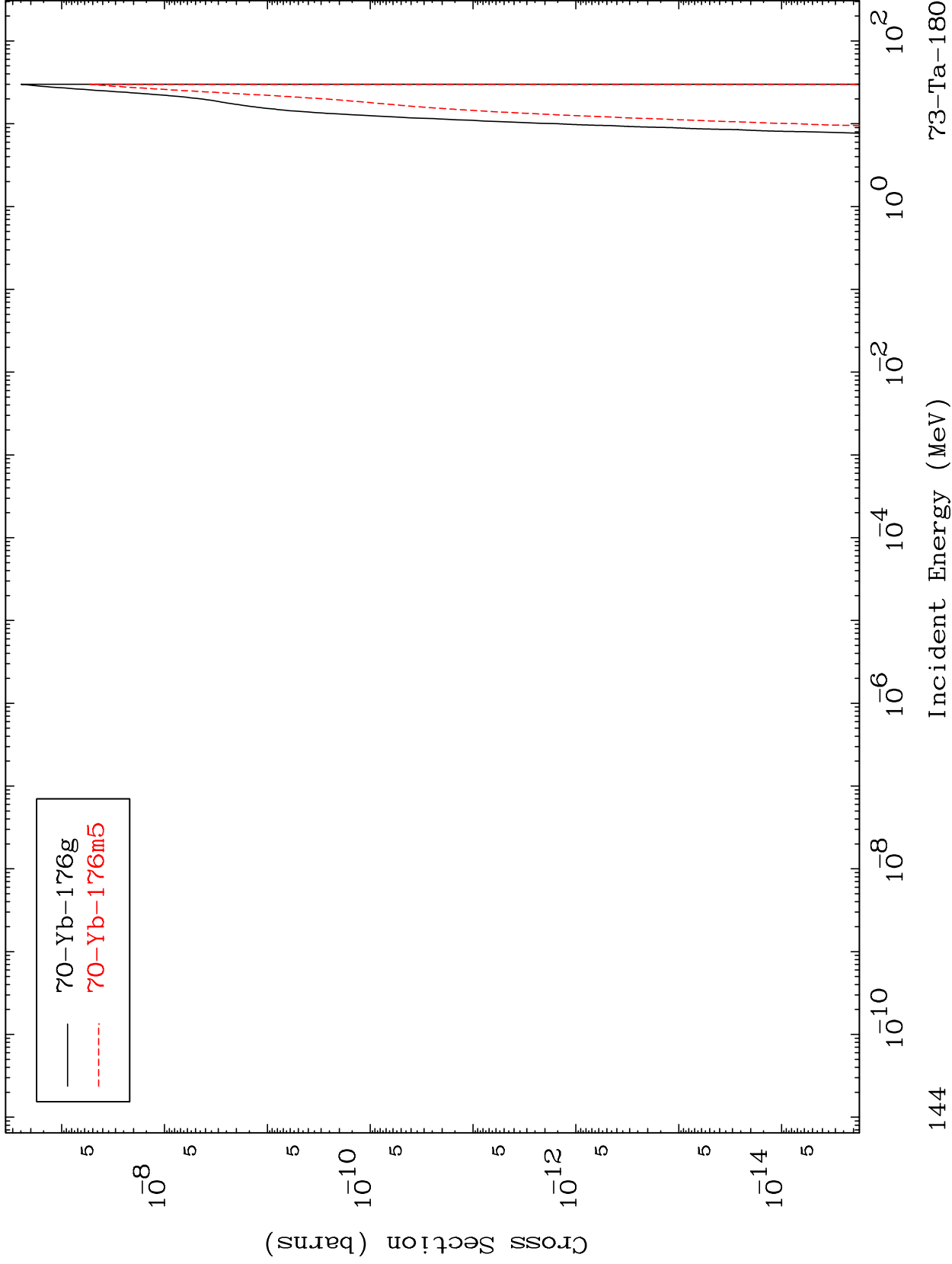


MAT 7325

(n,p) α

$^{73}\text{Ta-180}$

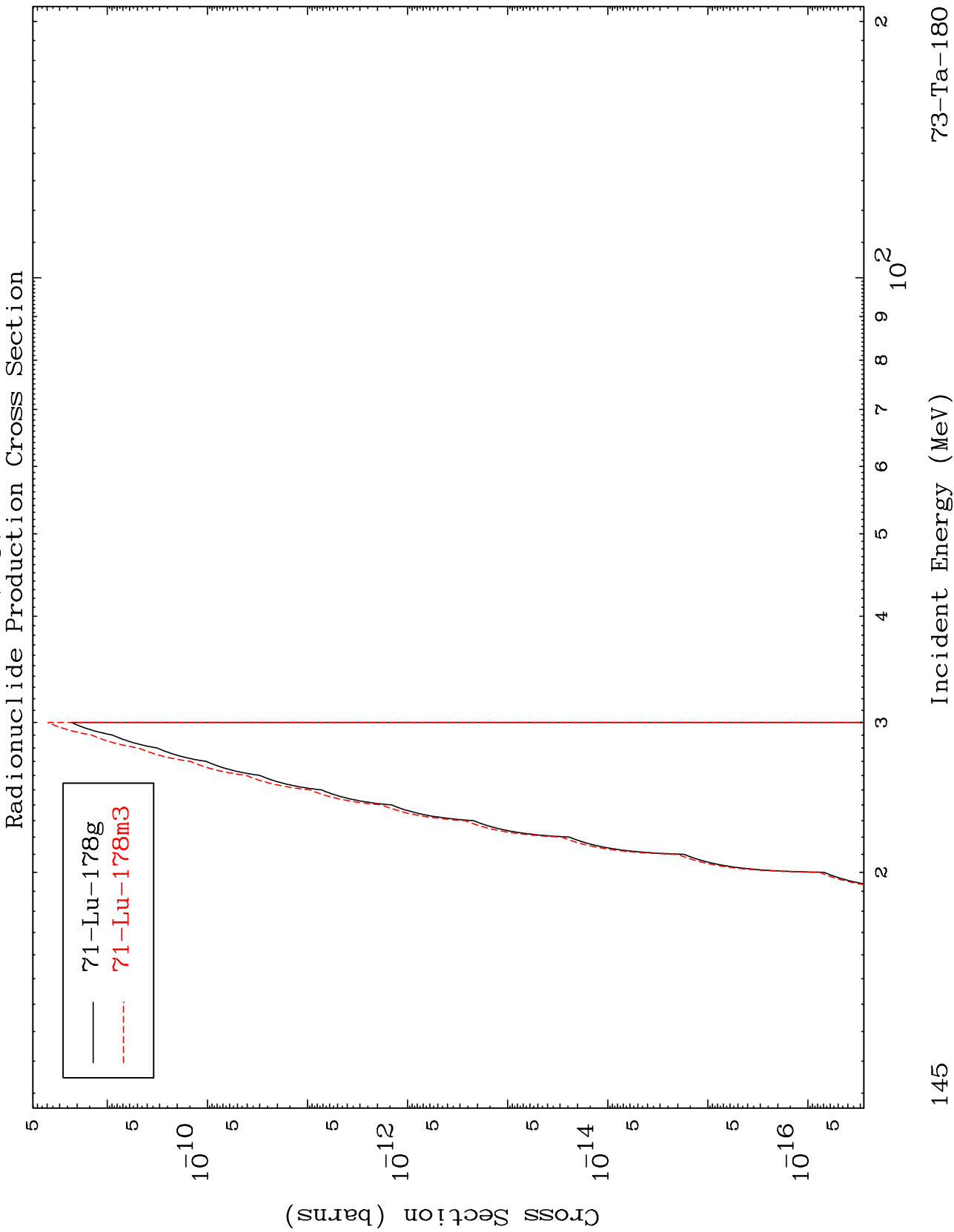
Radionuclide Production Cross Section



MAT 7325

(n,p) d

⁷³Ta-180

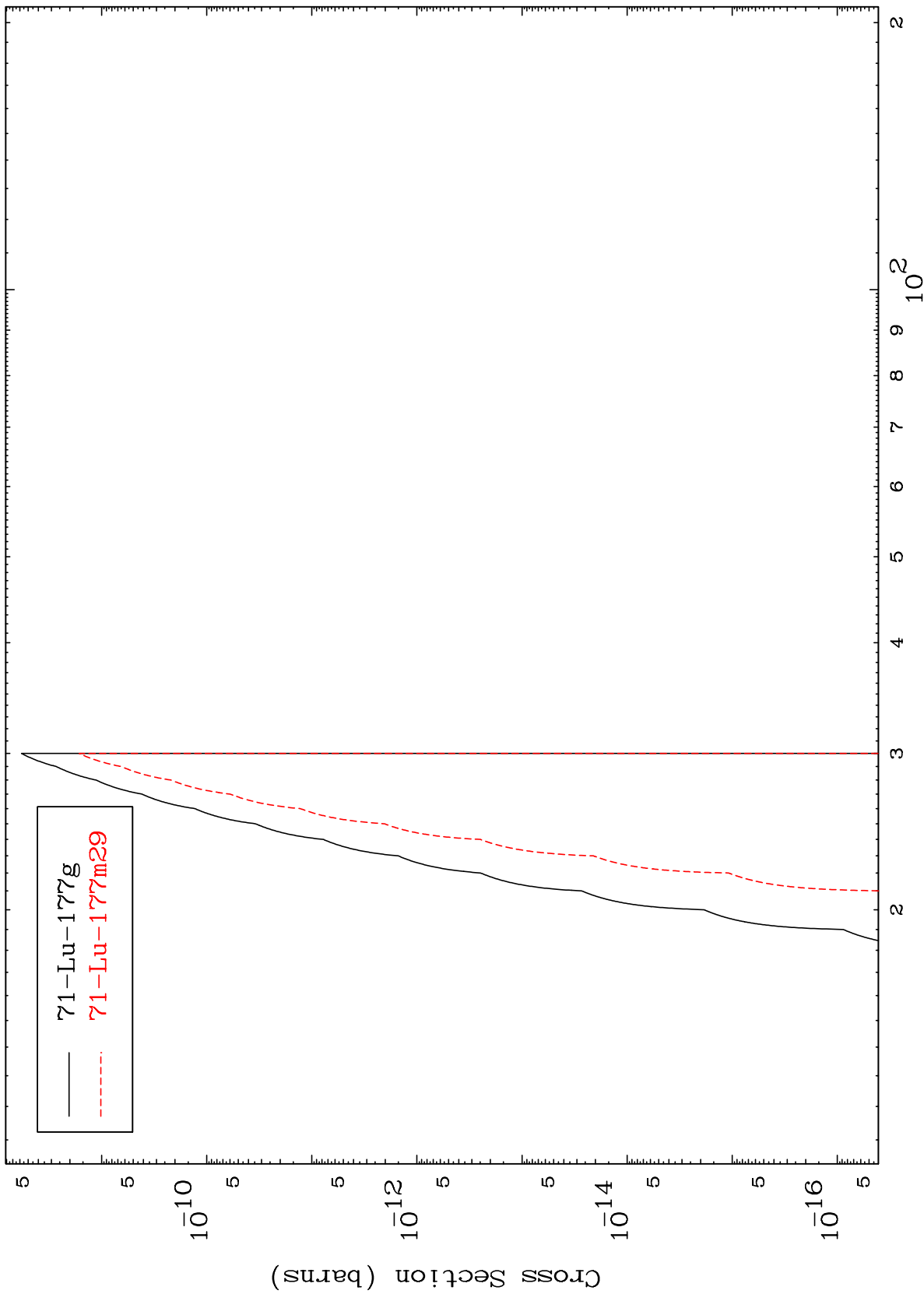


MAT 7325

(n,p) t

⁷³Ta-180

Radionuclide Production Cross Section



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Incident Energy (MeV)

⁷³Ta-180