

Program EVALPLOT
(Version 2015-2)

by

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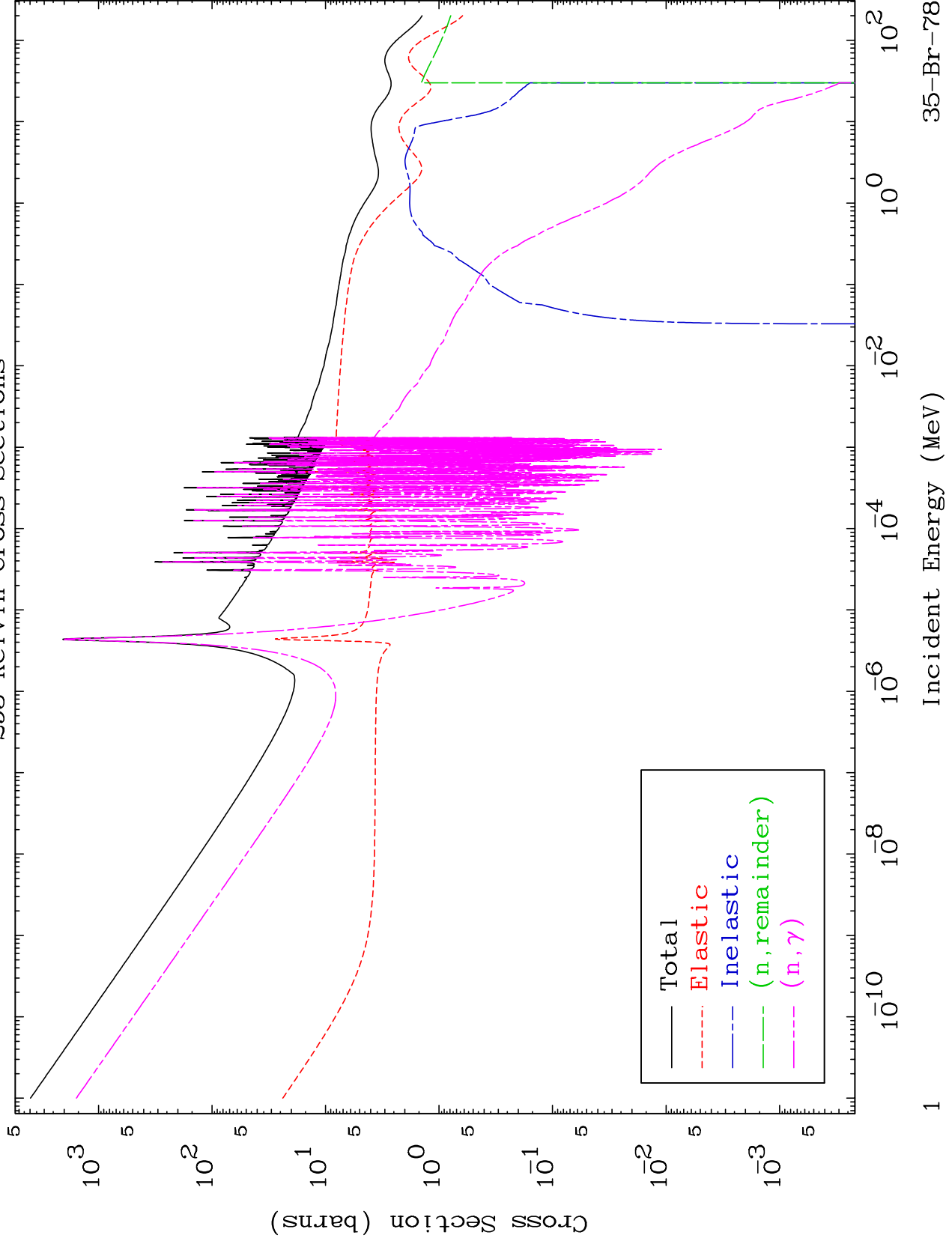
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

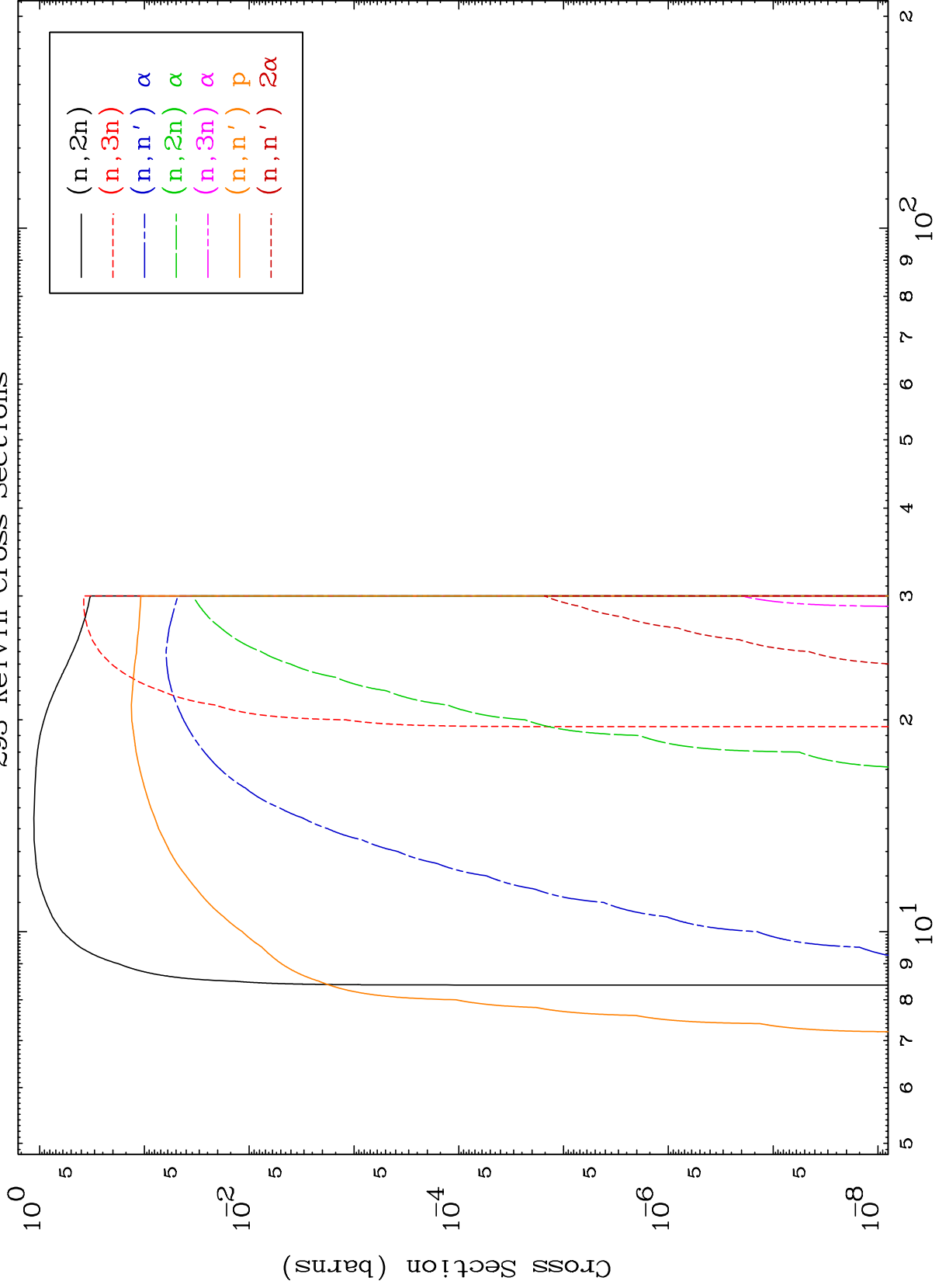
Press Mouse Button to Start

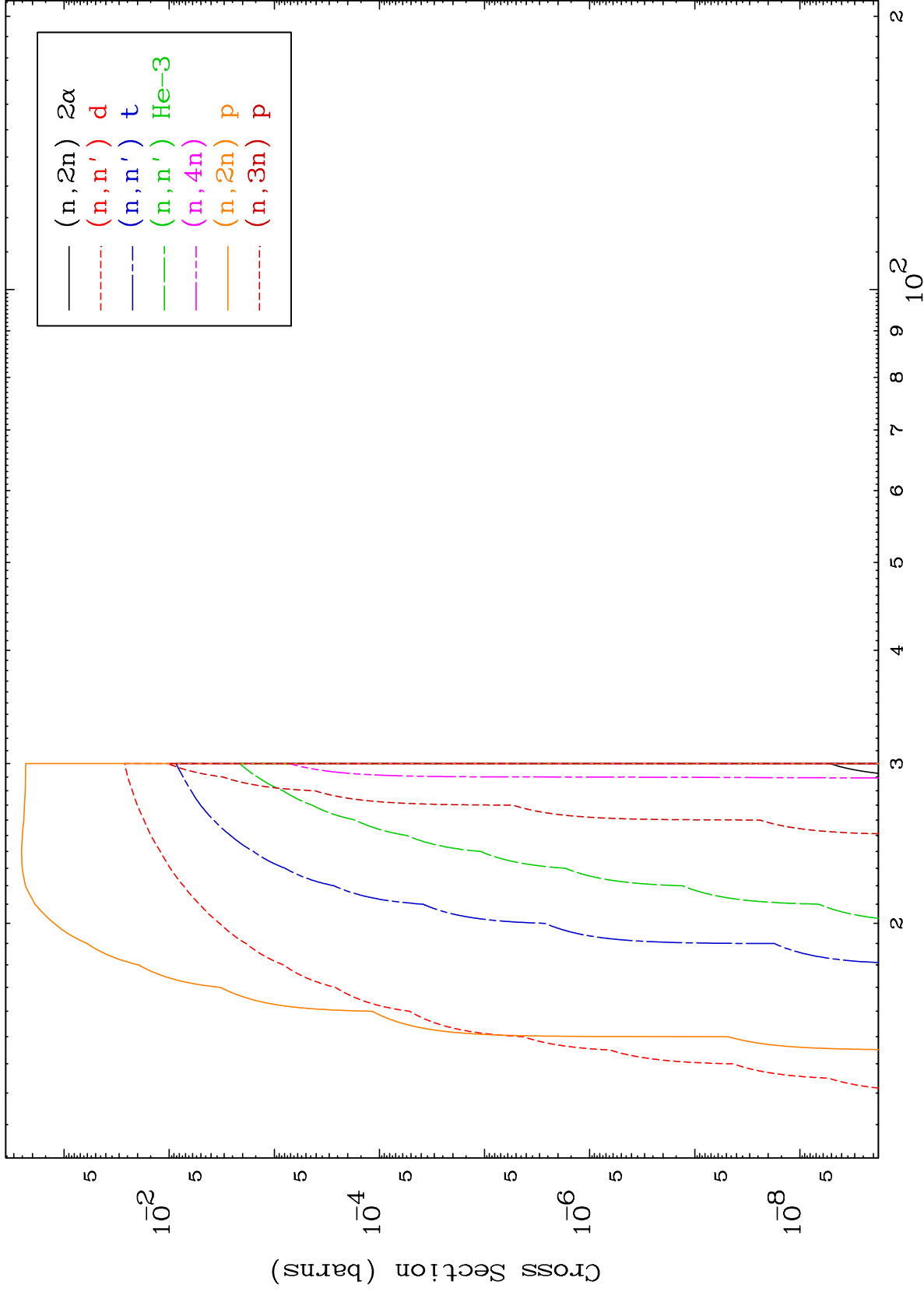
MAT 3522

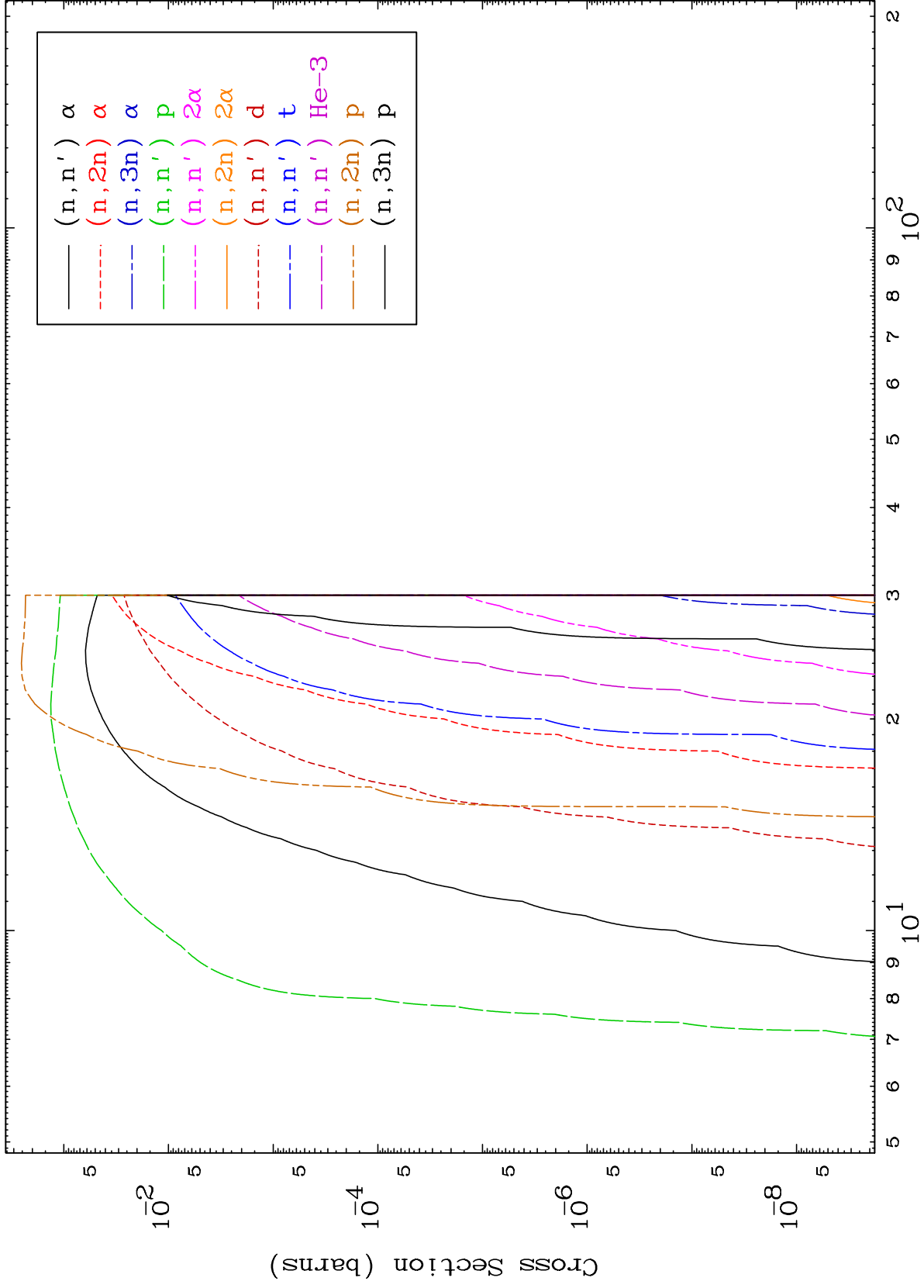
Major
293 Kelvin Cross Sections

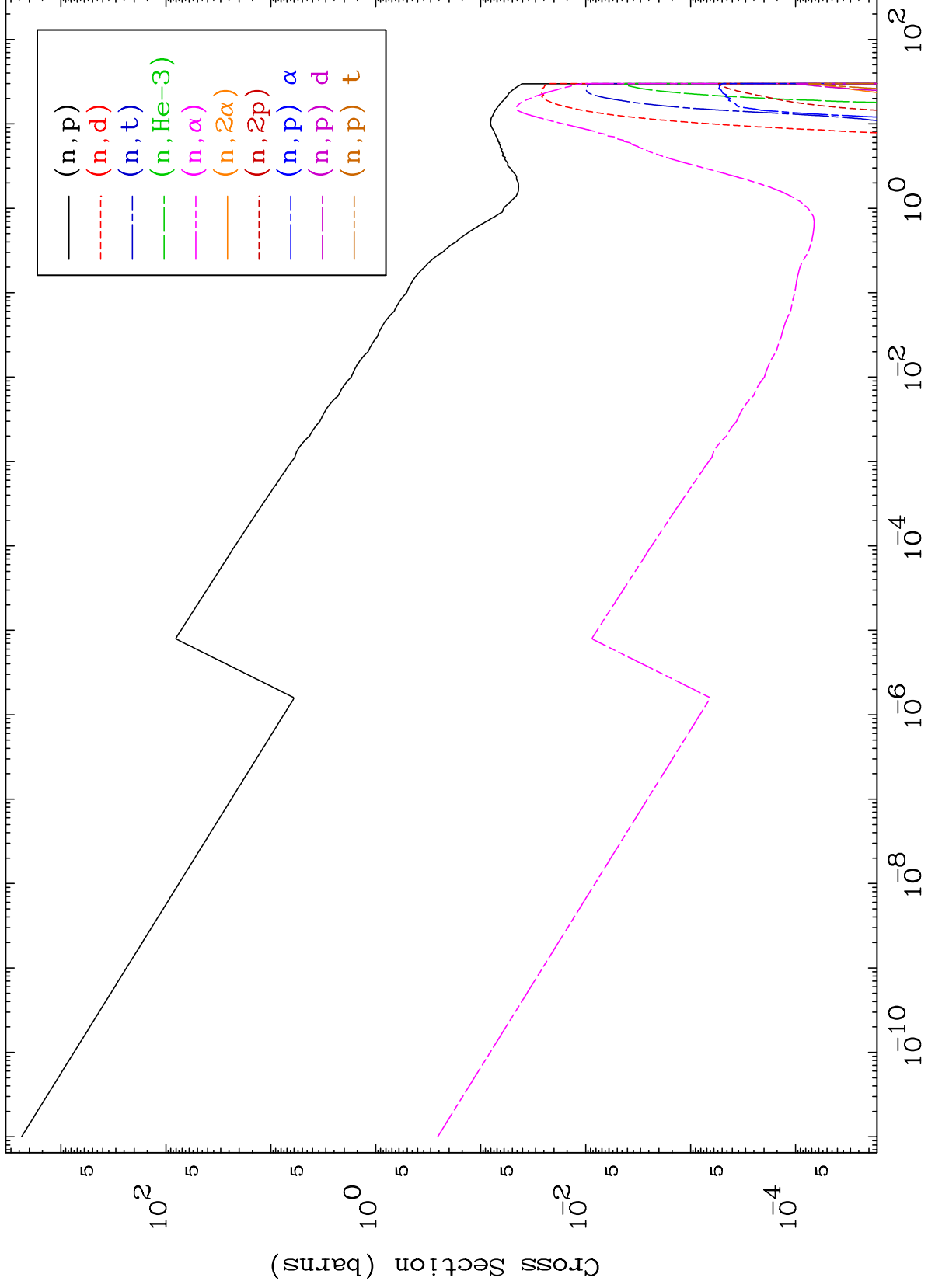
35-Br-78

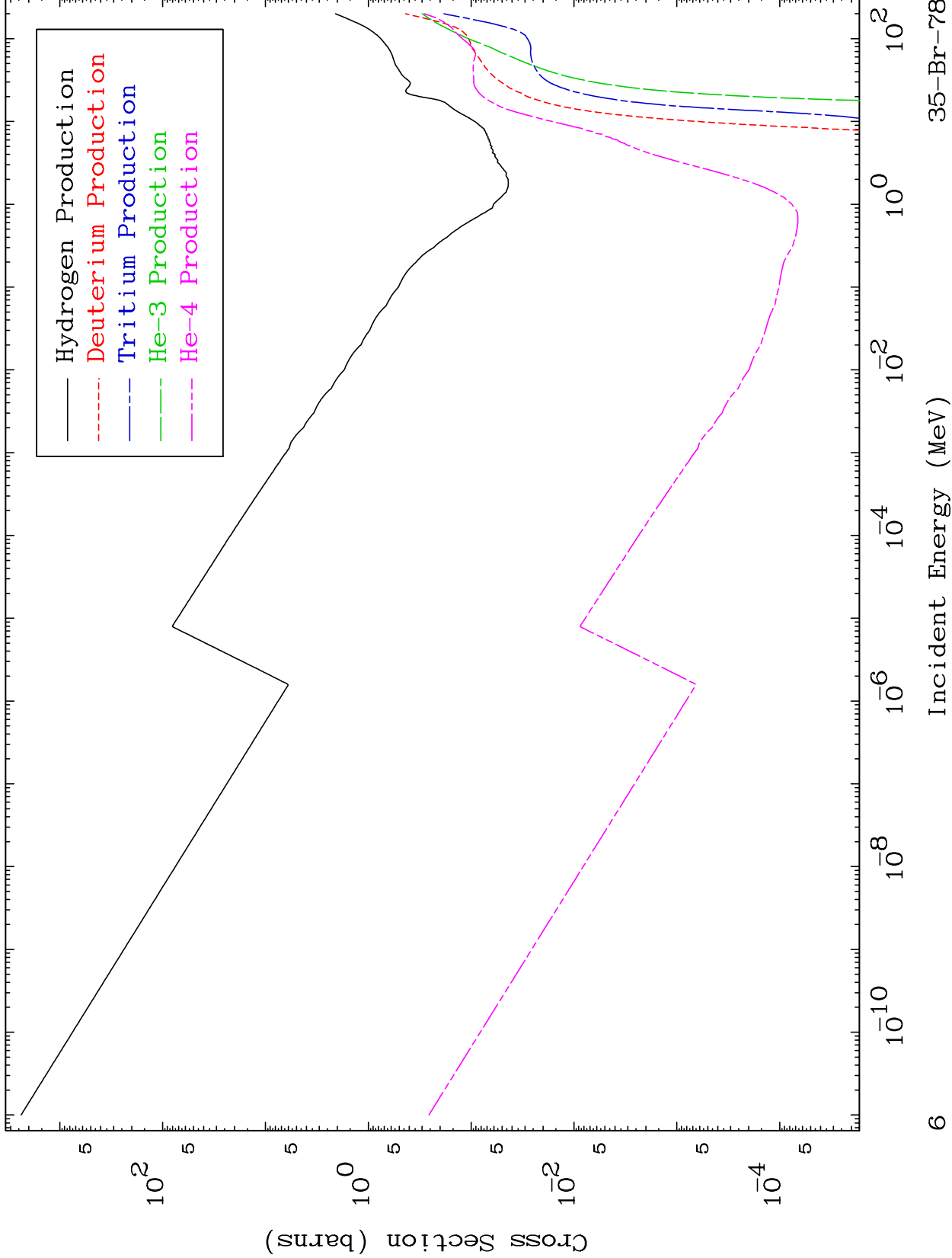








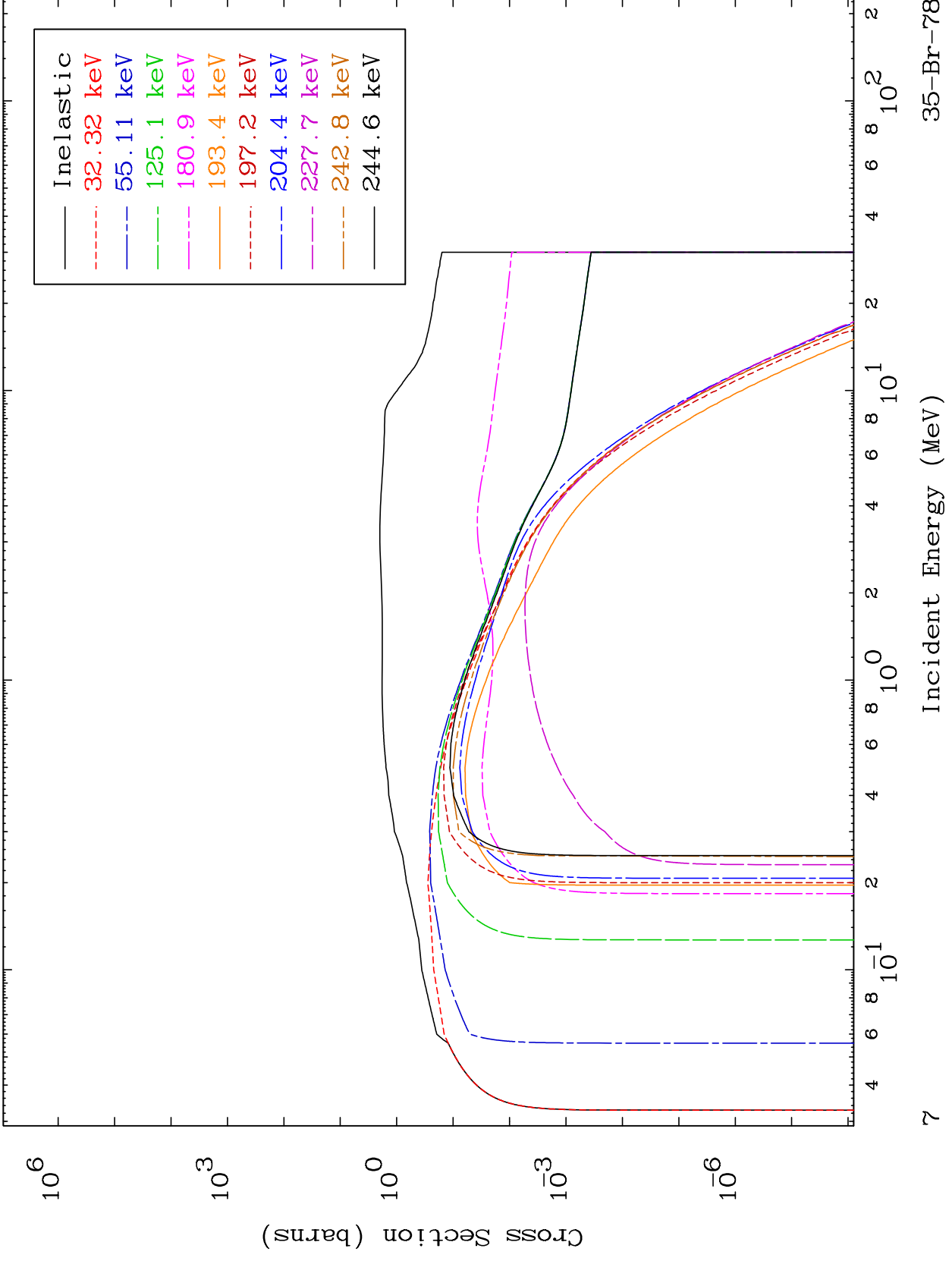




MAT 3522

(n,n') Level
293 Kelvin Cross Sections

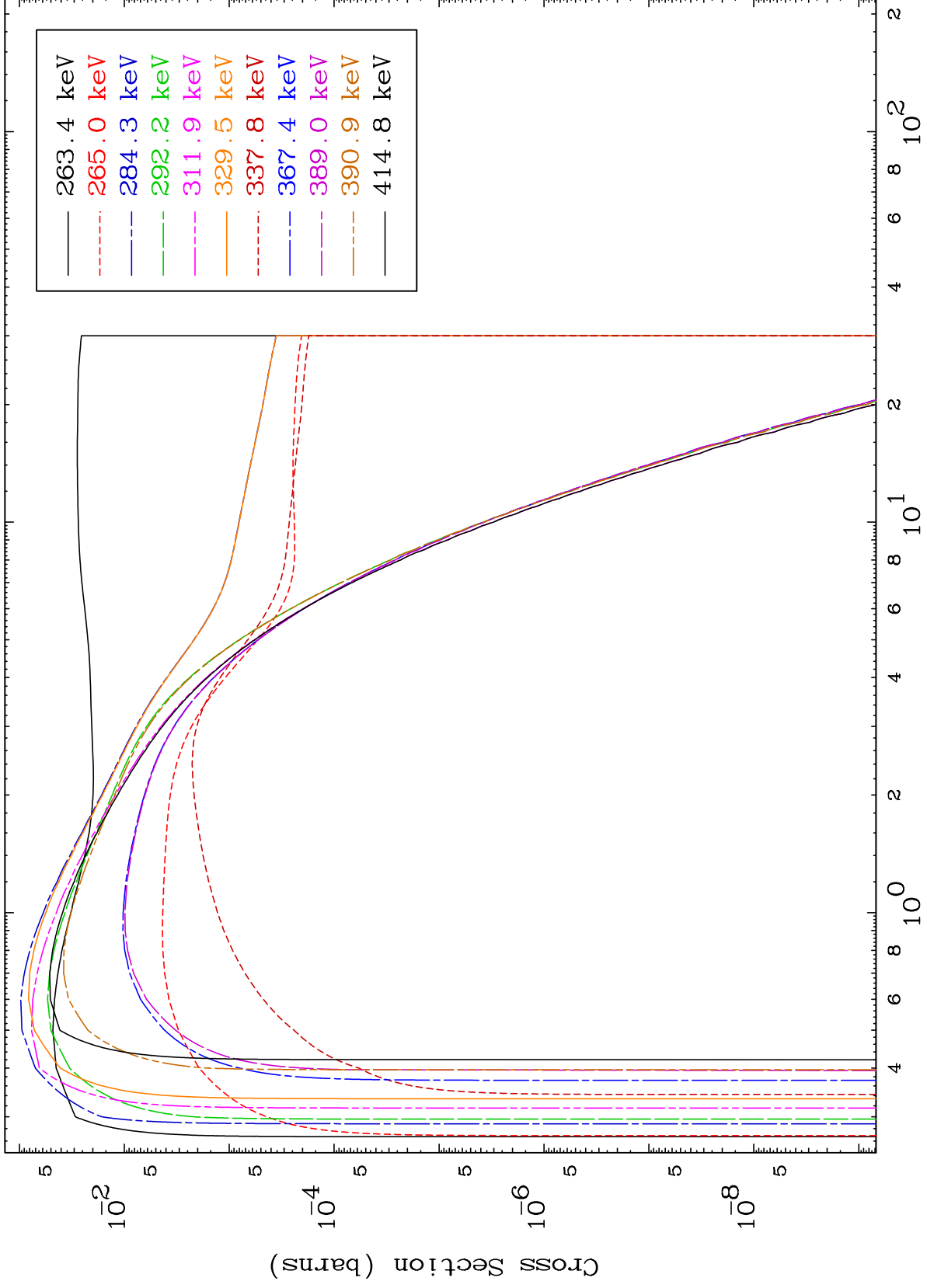
35-Br-78



MAT 3522

(n,n') Level
293 Kelvin Cross Sections

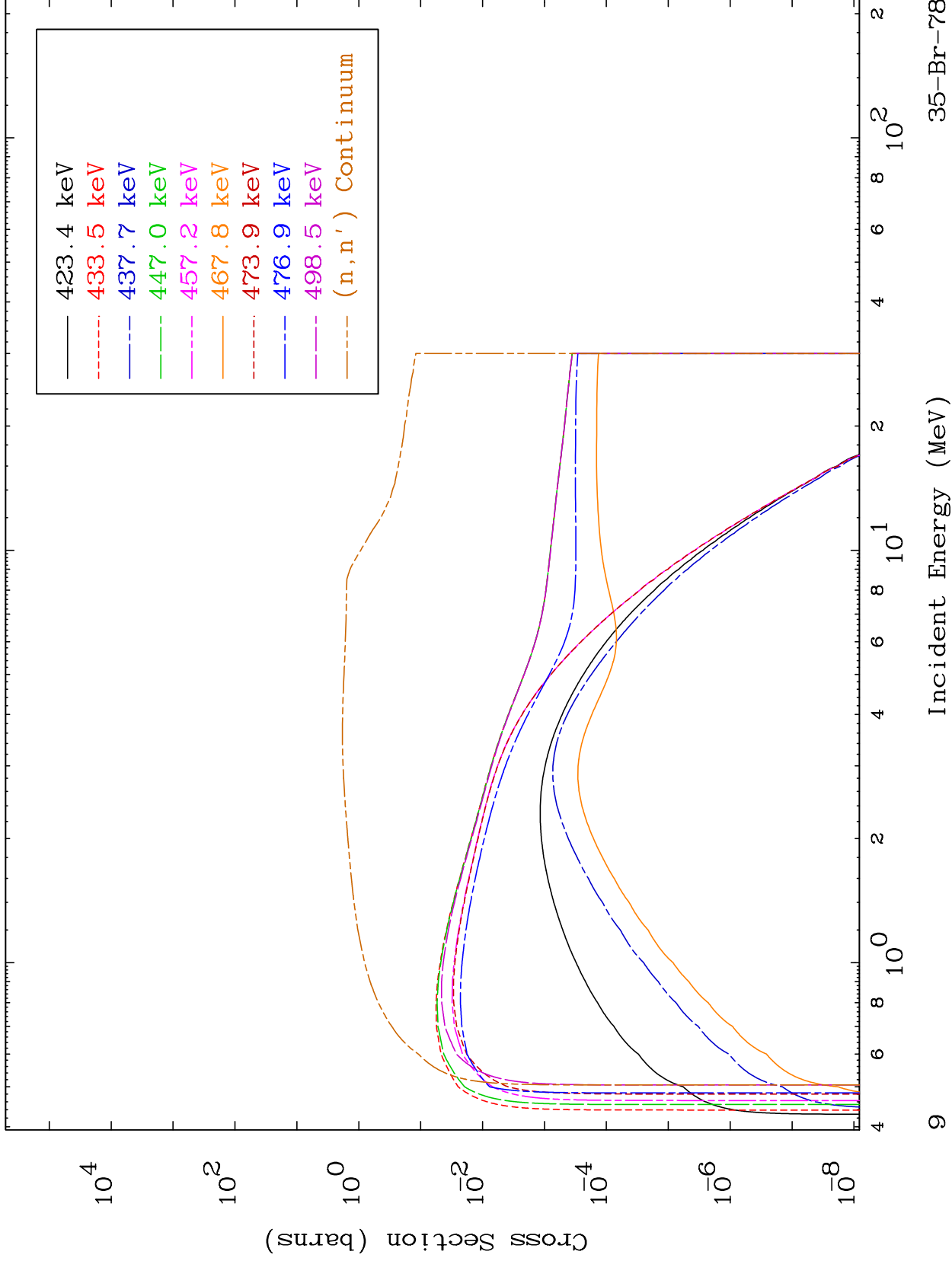
35-Br-78



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Incident Energy (MeV)

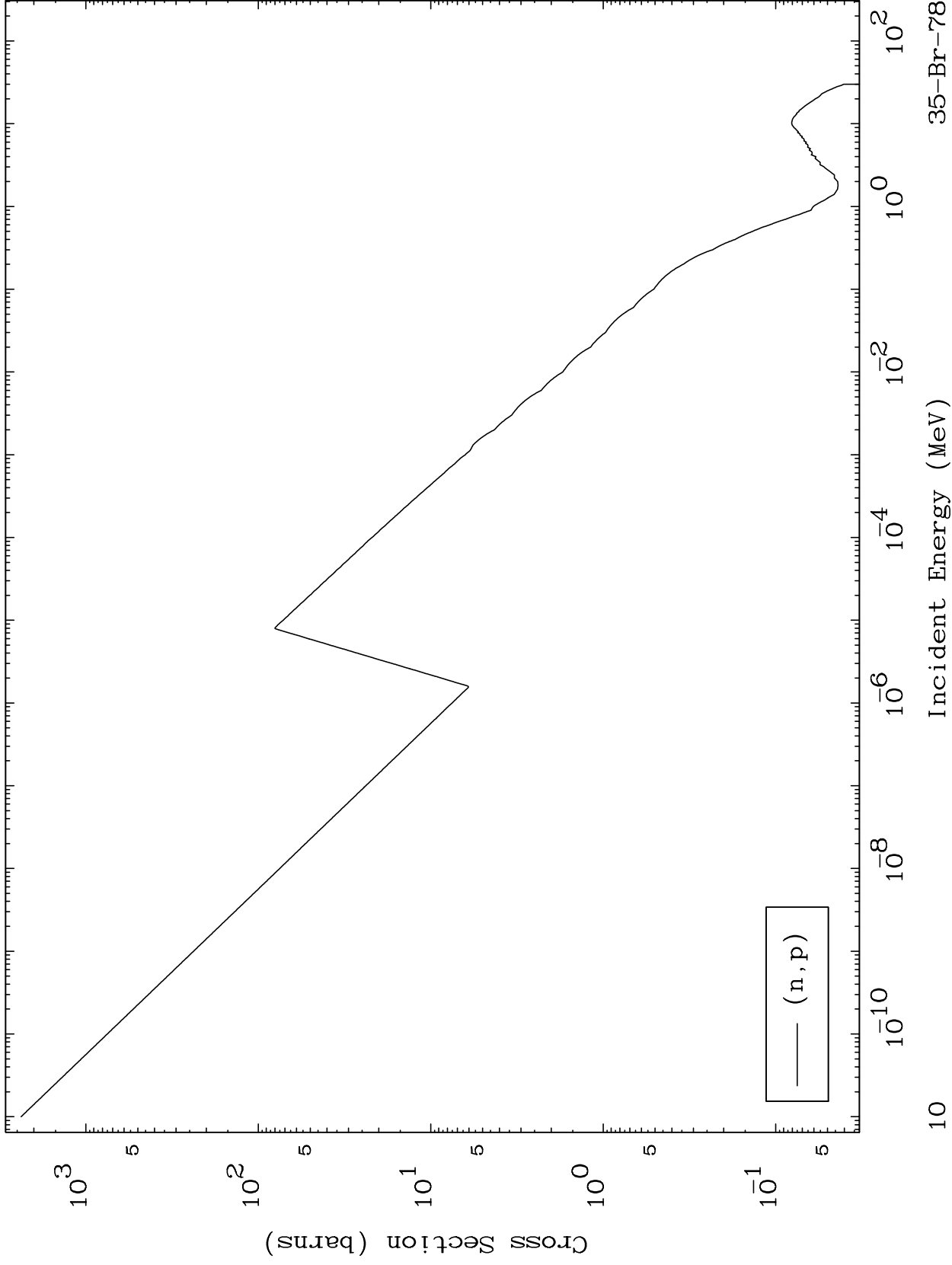
35-Br-78



MAT 3522

(n,p) Levels
293 Kelvin Cross Sections

35-Br-78



10

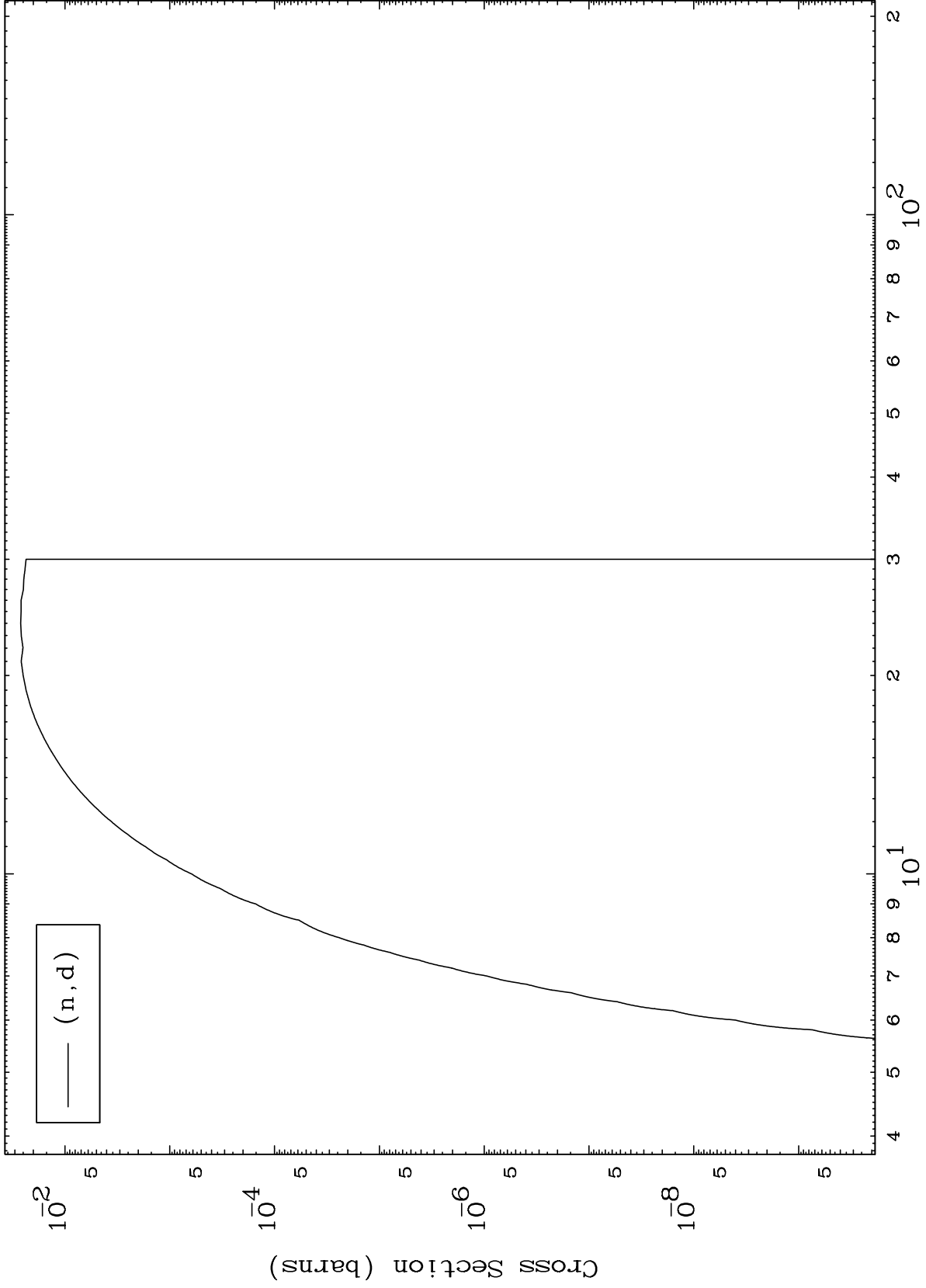
Incident Energy (MeV)

35-Br-78

MAT 3522

(n,d) Levels
293 Kelvin Cross Sections

35-Br-78



11

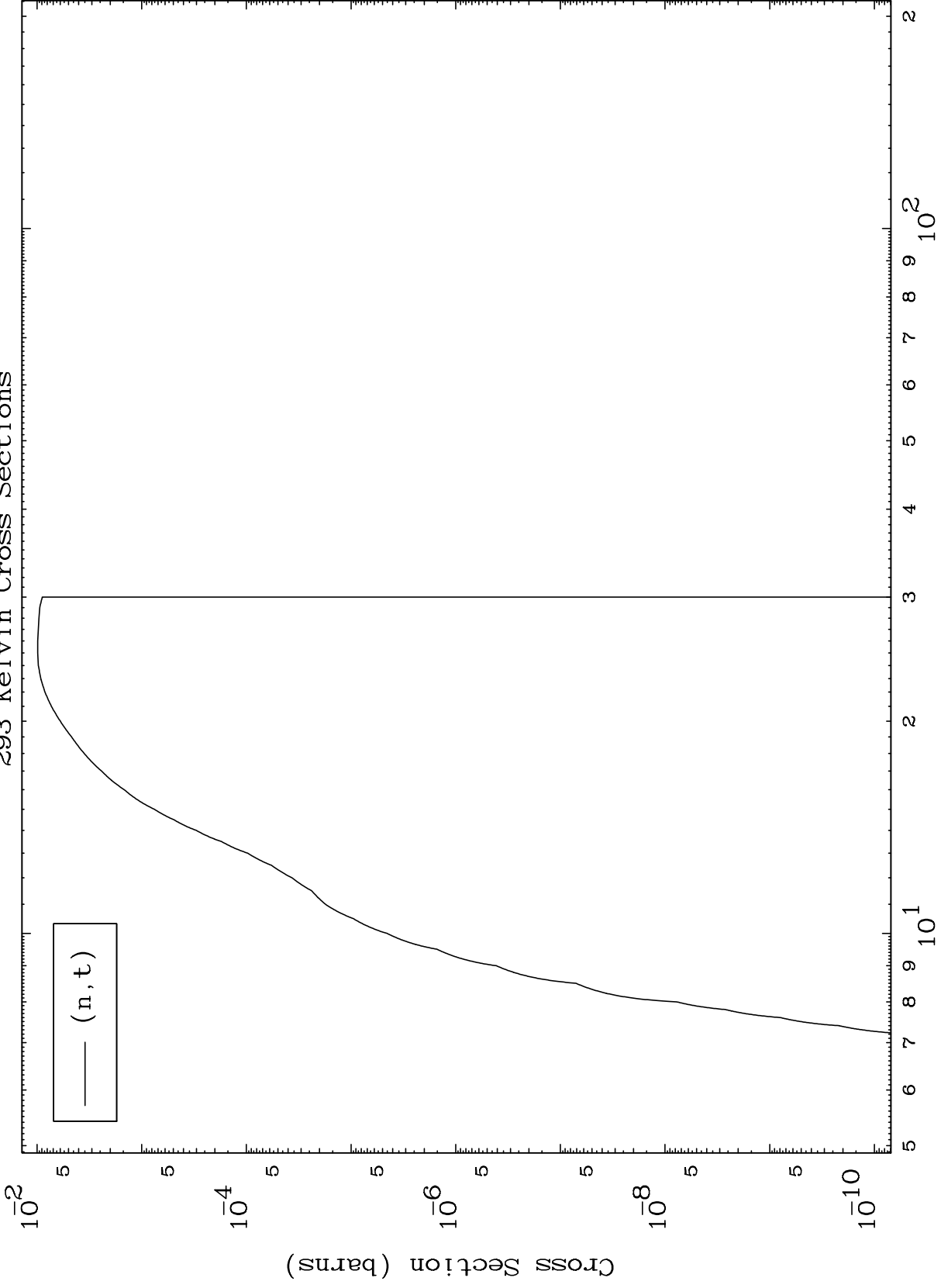
Incident Energy (MeV)

35-Br-78

MAT 3522

(n,t) Levels
293 Kelvin Cross Sections

35-Br-78



12

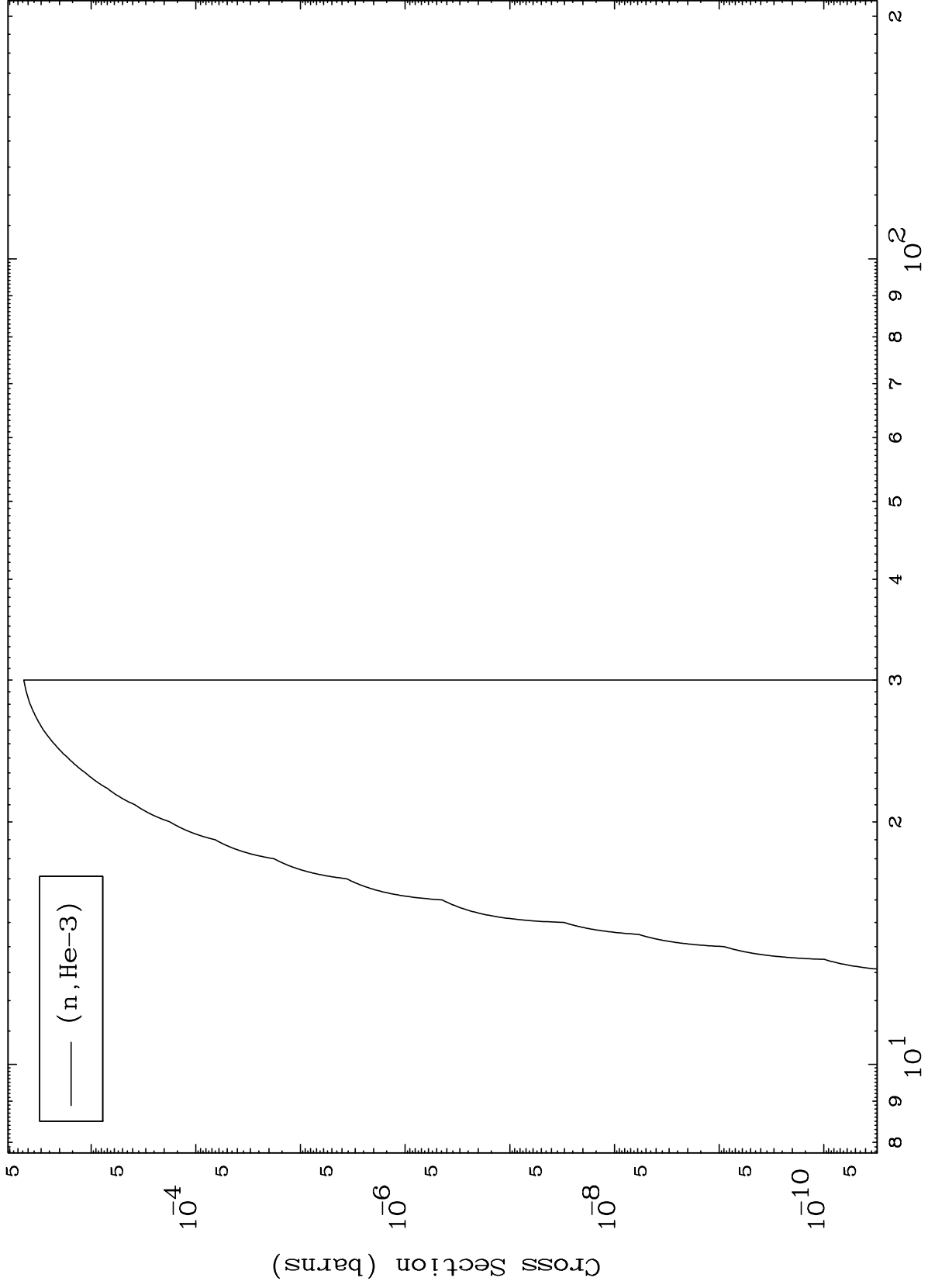
Incident Energy (MeV)

35-Br-78

MAT 3522

(n,He3) Levels
293 Kelvin Cross Sections

35-Br-78



13

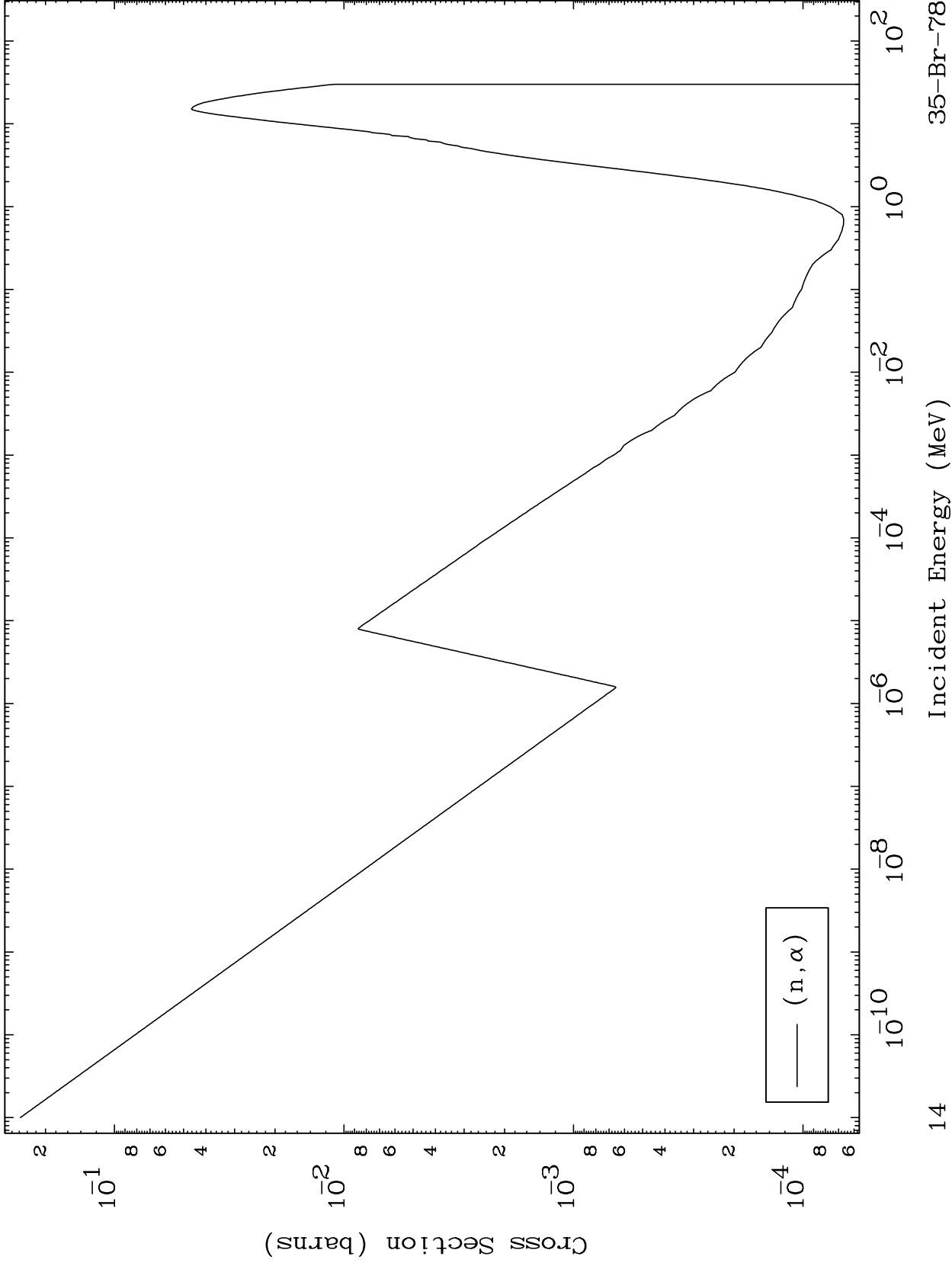
Incident Energy (MeV)

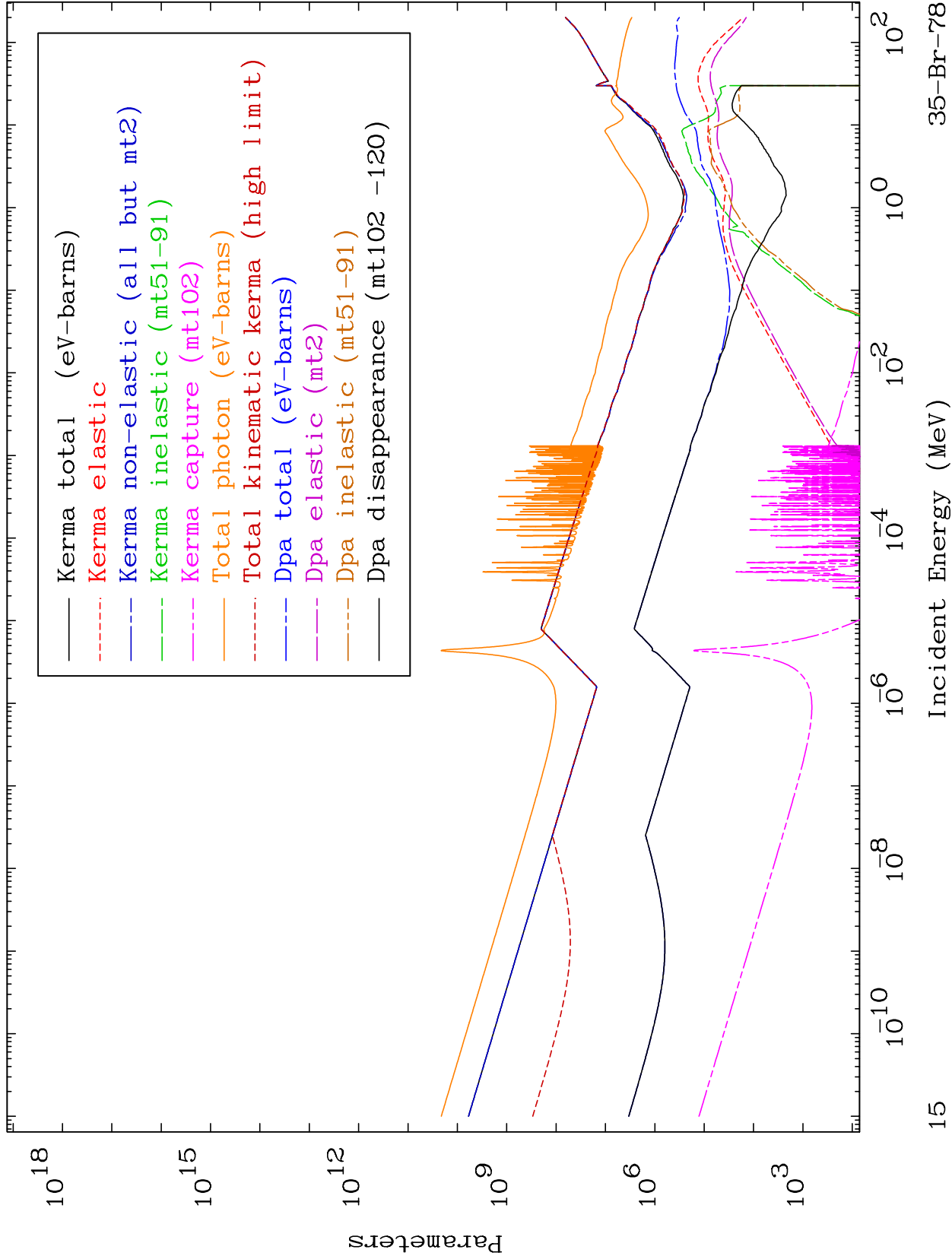
35-Br-78

MAT 3522

(n, α) Levels
293 Kelvin Cross Sections

35-Br-78

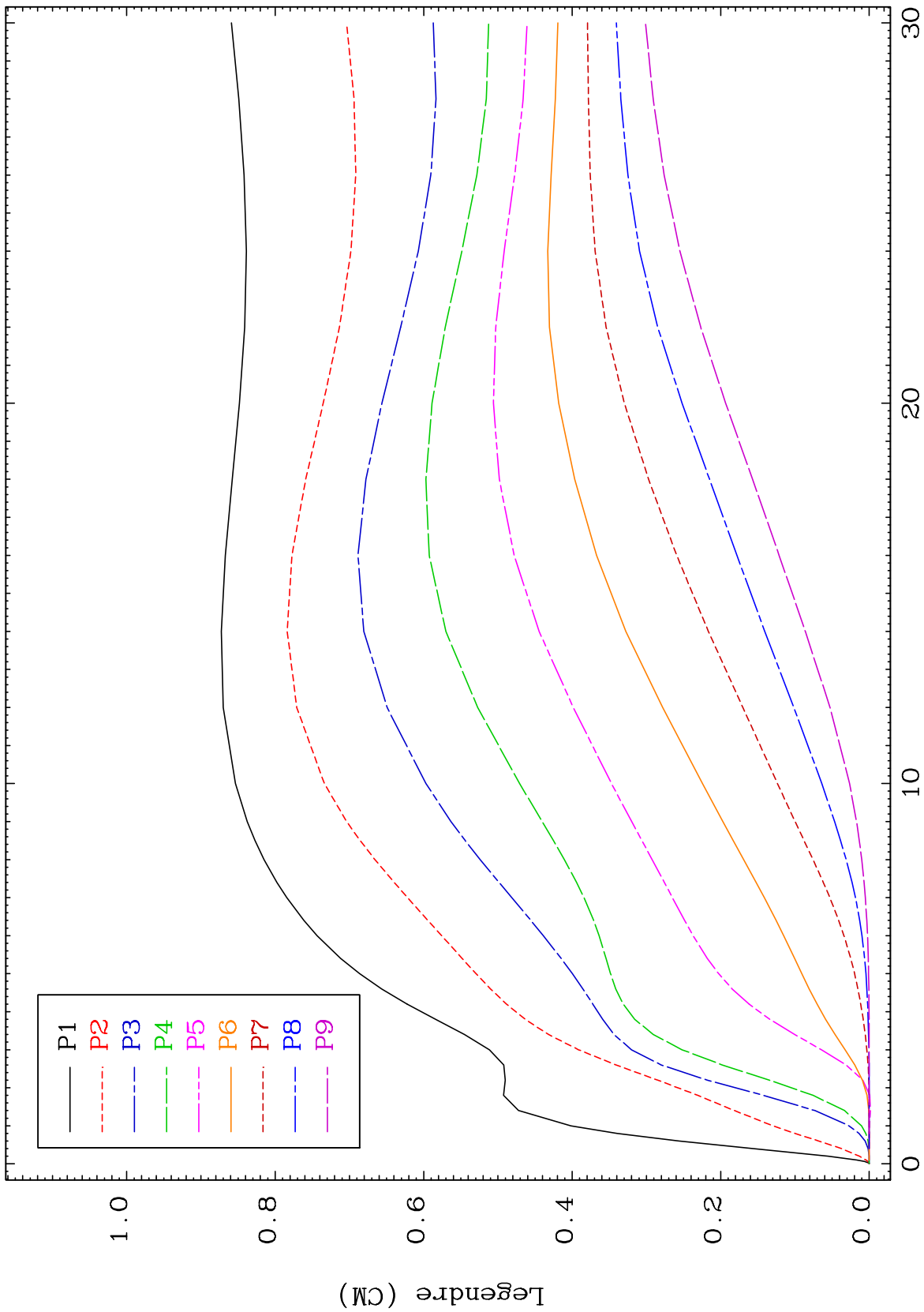




MAT 3522

Elastic Legendre Coefficients

³⁵Br-78



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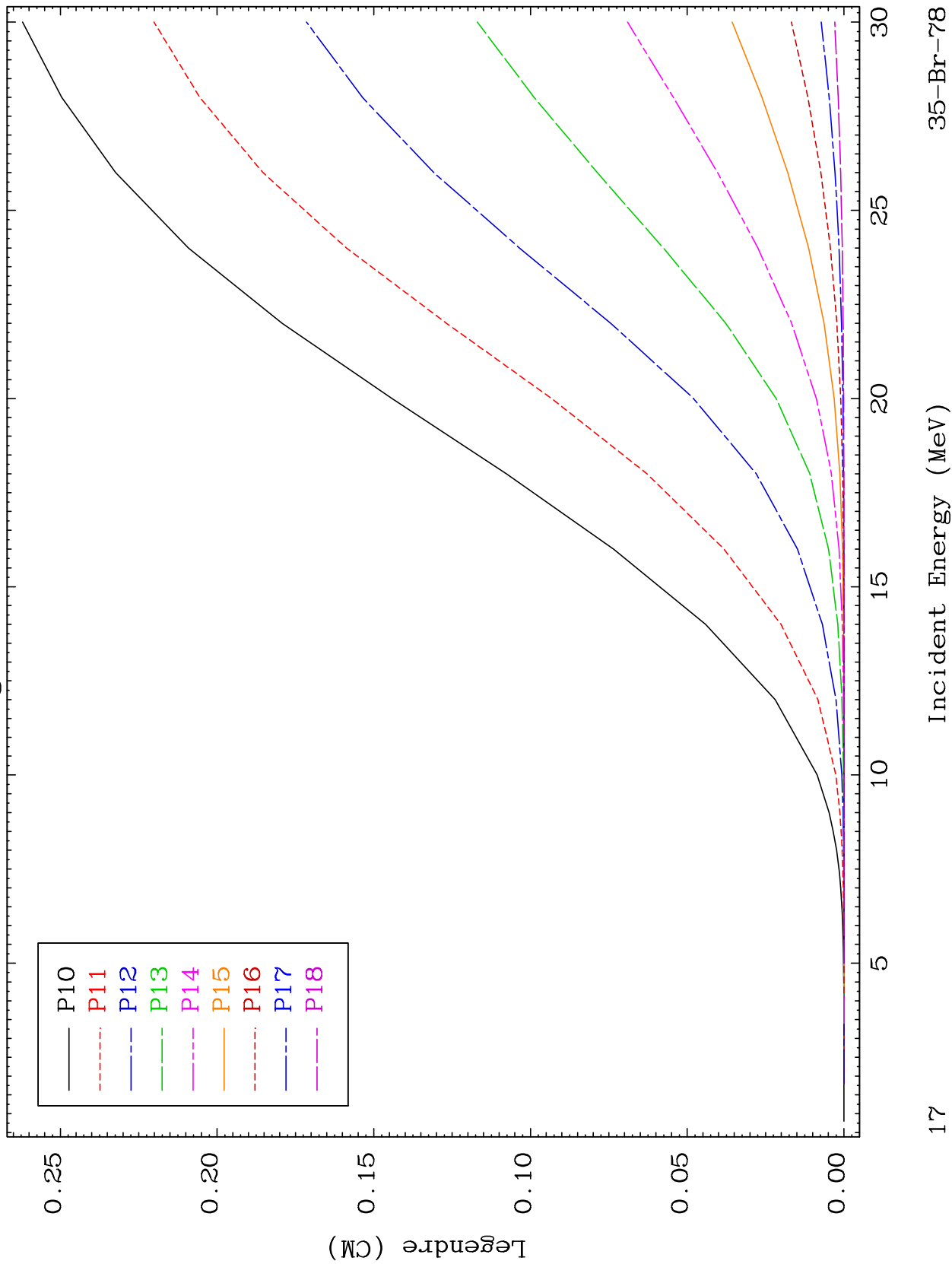
Incident Energy (MeV)

³⁵Br-78

MAT 3522

Elastic Legendre Coefficients

³⁵Br-78

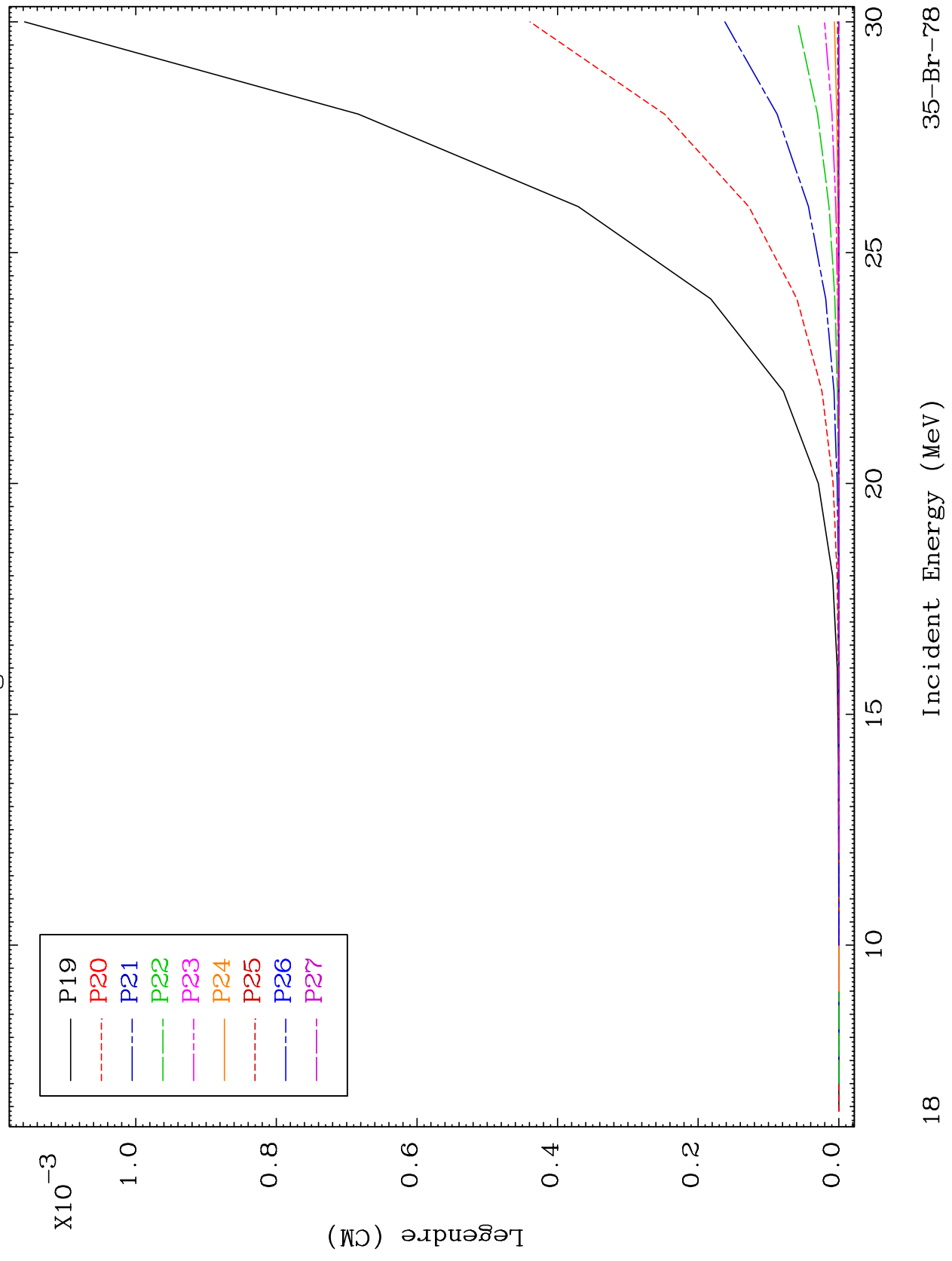


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MAT 3522

Elastic Legendre Coefficients

³⁵Br-78



18

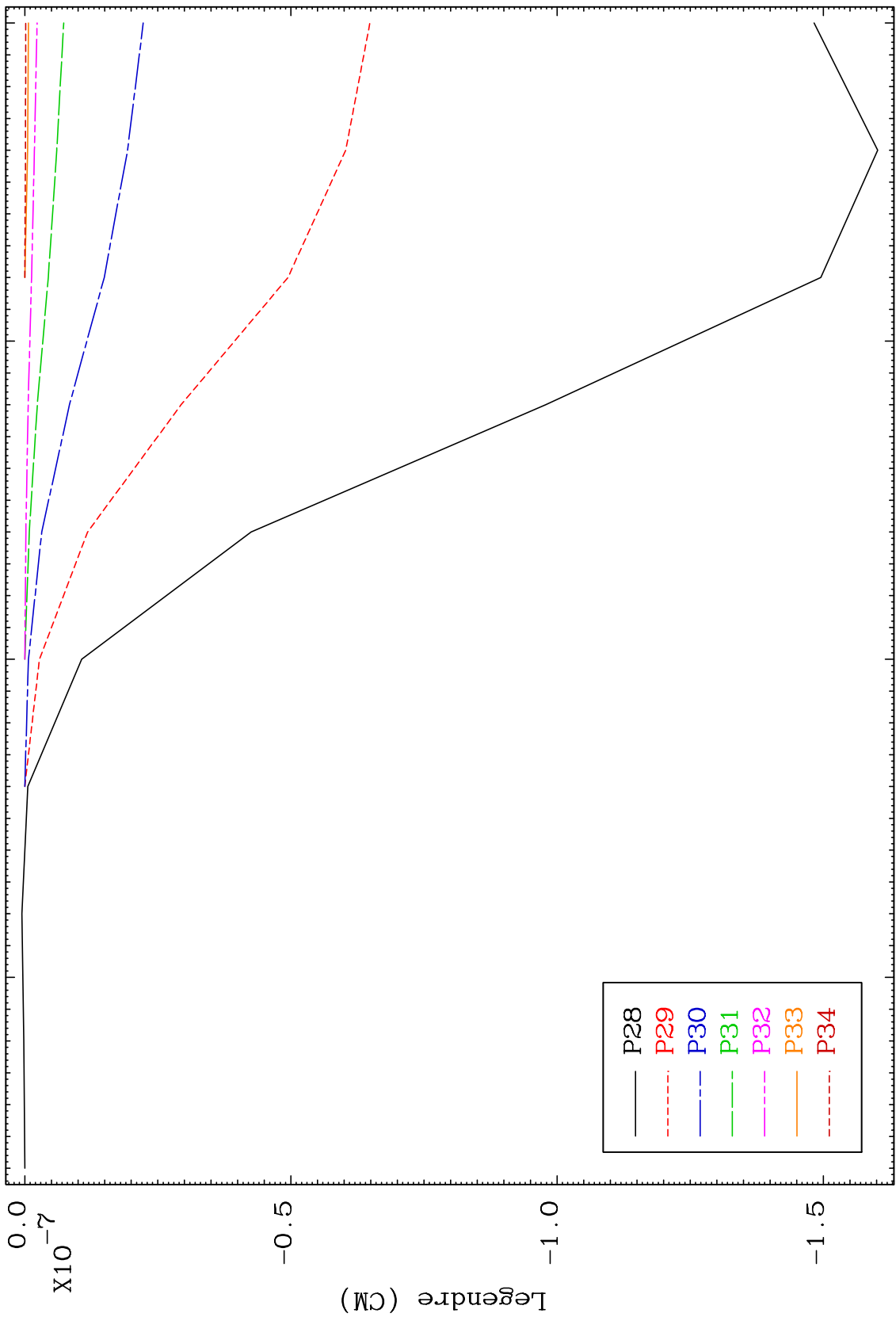
Incident Energy (MeV)

³⁵Br-78

MAT 3522

35-Br-78

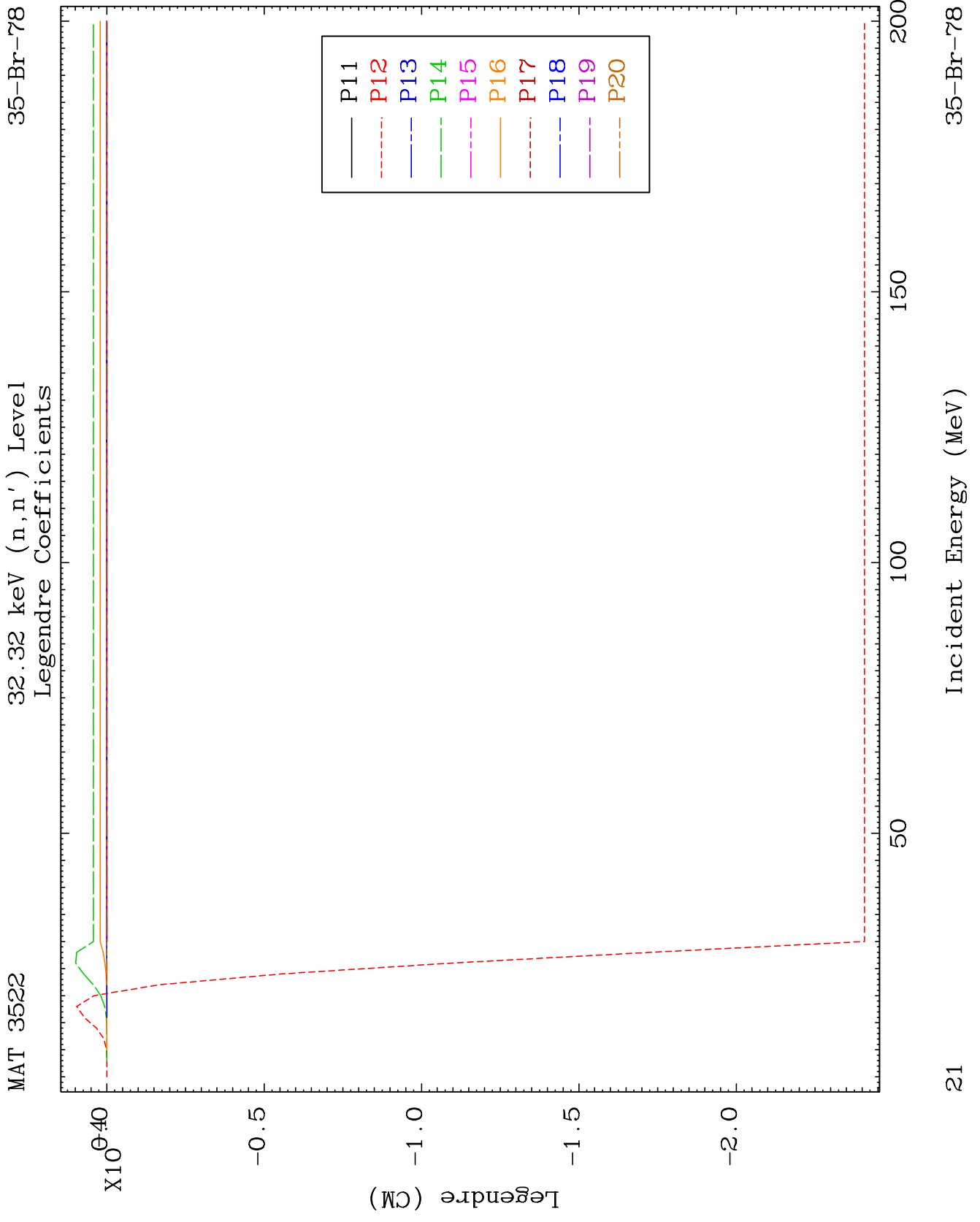
Elastic Legendre Coefficients

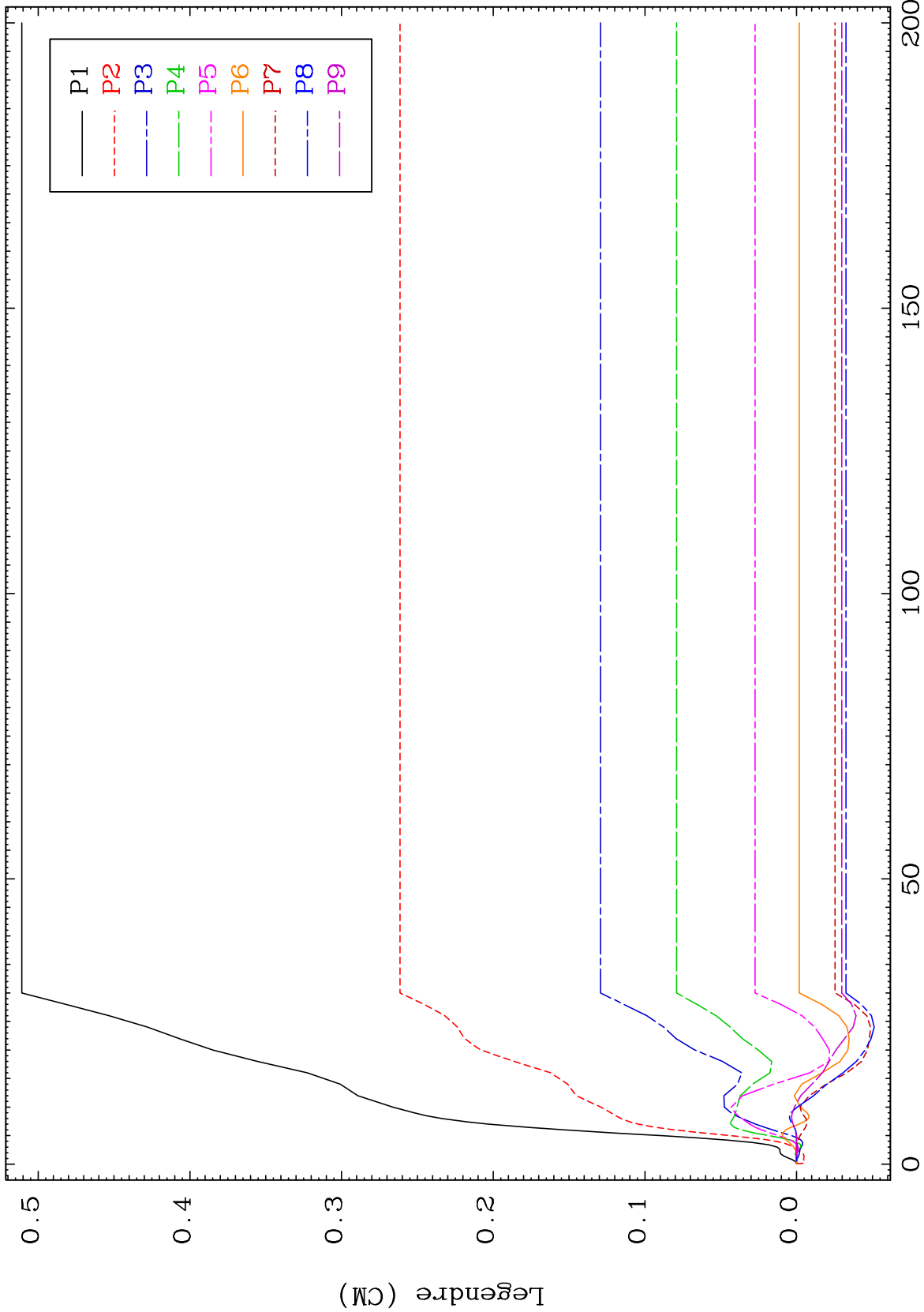


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Incident Energy (MeV)

35-Br-78

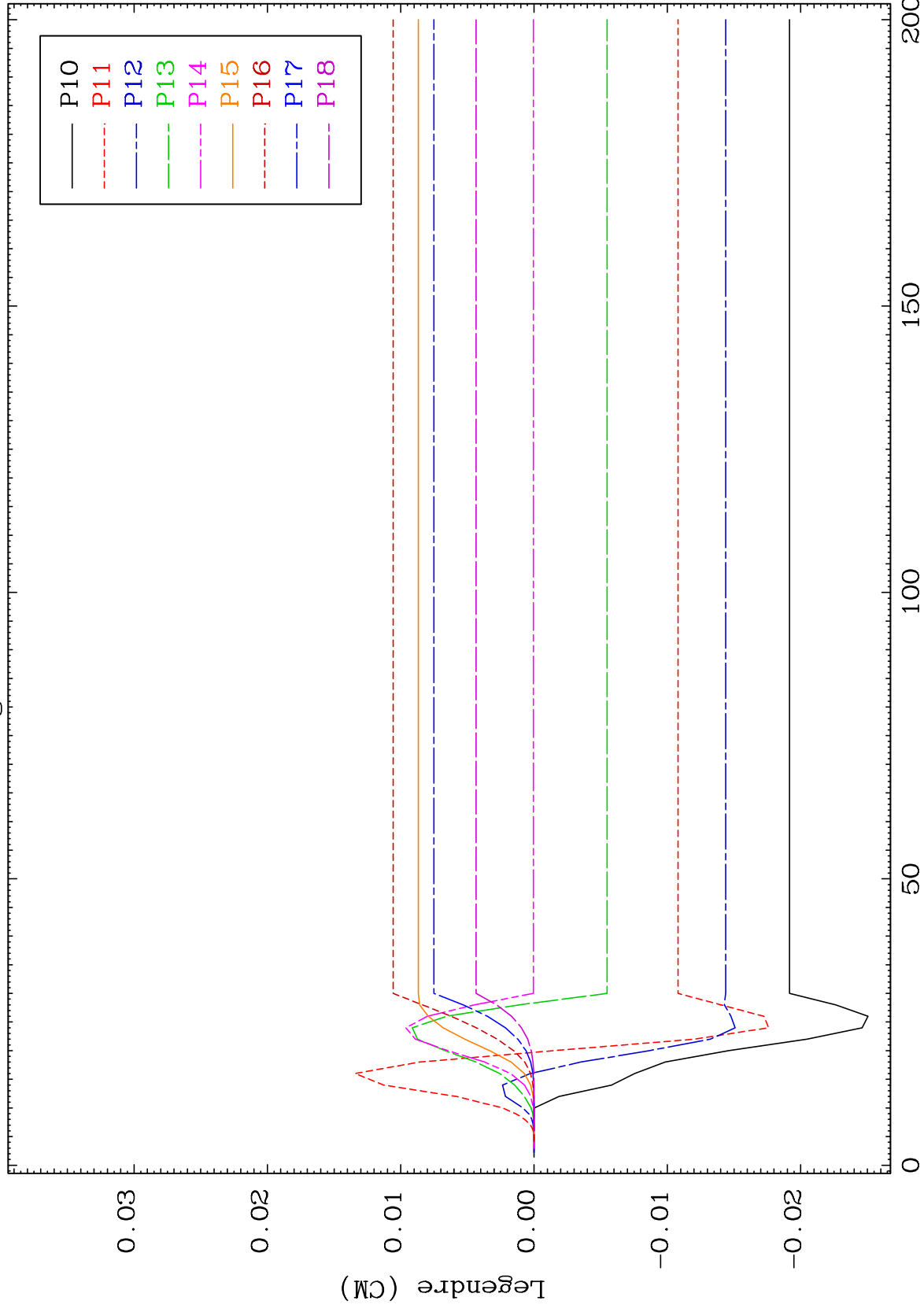




MAT 3522

55.11 keV (n,n') Level
Legendre Coefficients

35-Br-78



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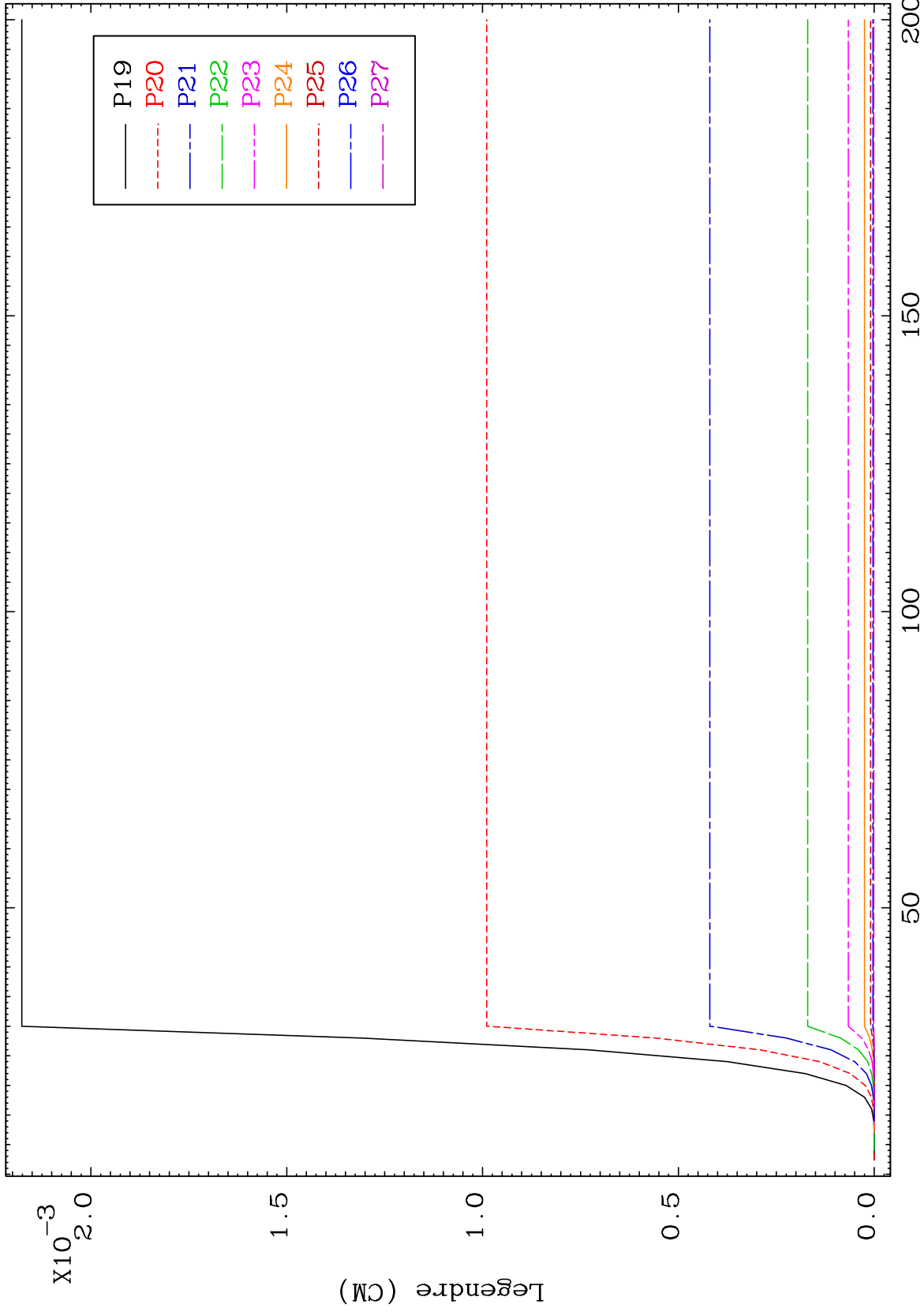
Incident Energy (MeV)

35-Br-78

MAT 3522

55.11 keV (n,n') Level
Legendre Coefficients

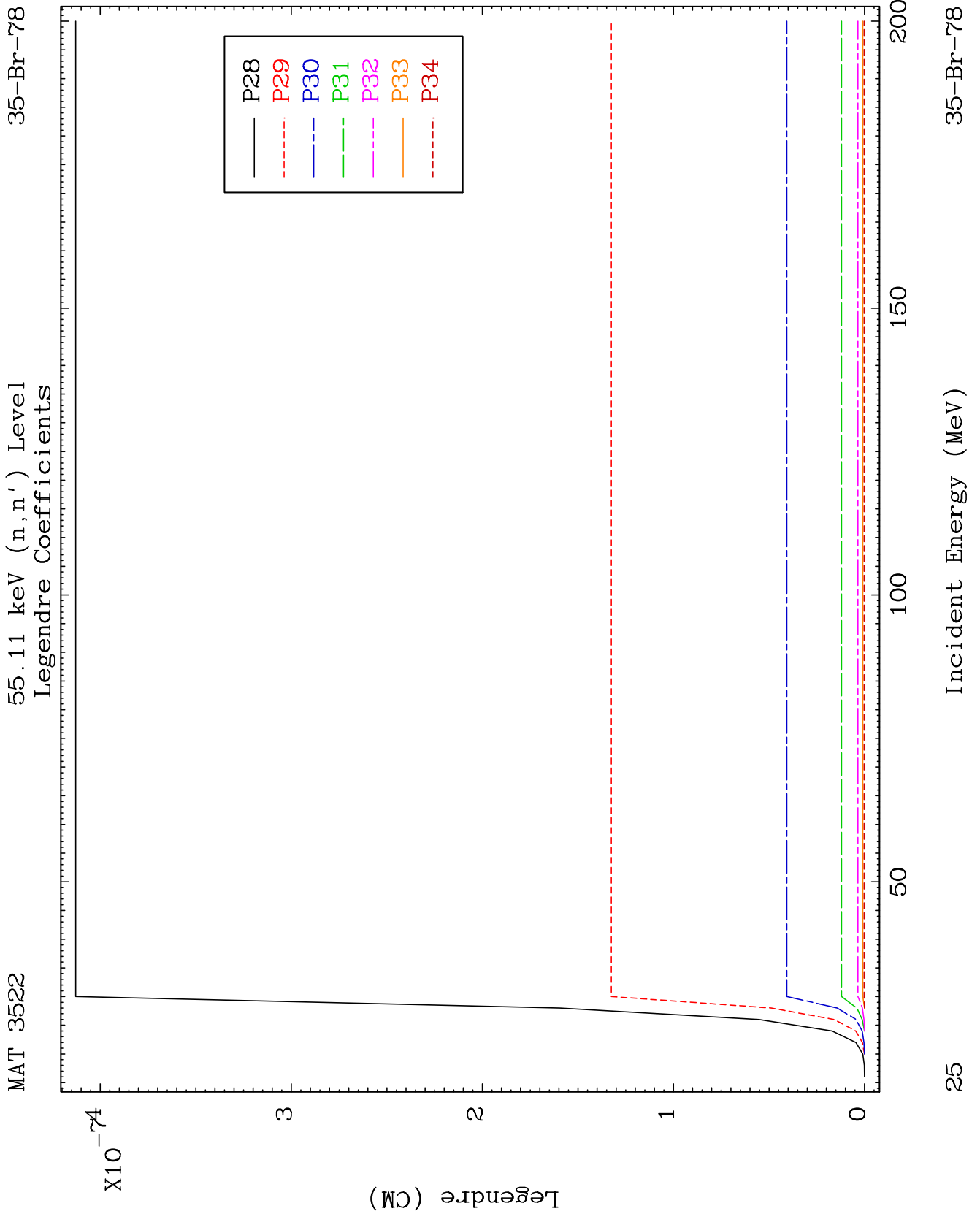
35-Br-78



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Incident Energy (MeV)

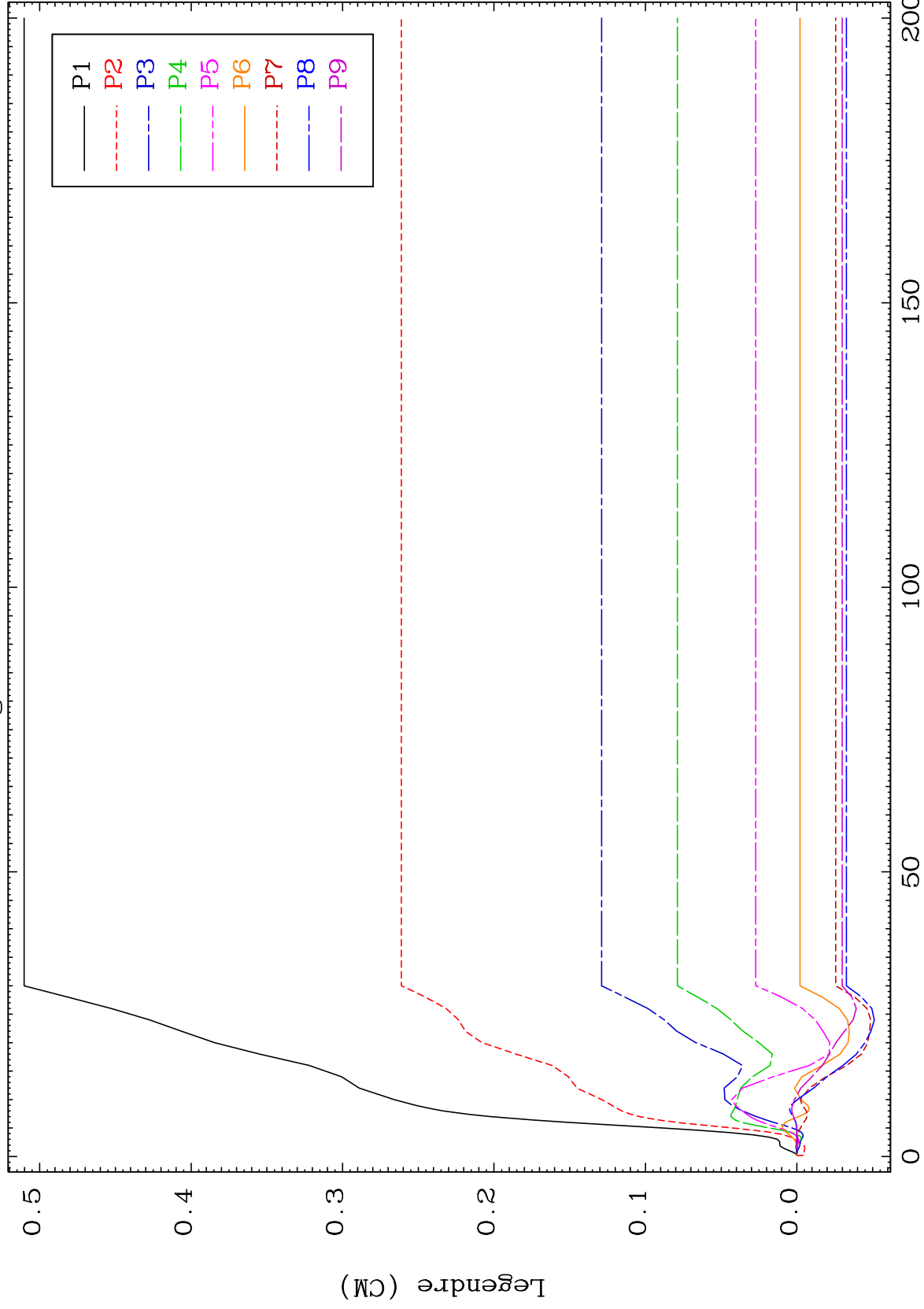
35-Br-78



MAT 3522

125.1 keV (n,n') Level
Legendre Coefficients

35-Br-78



26

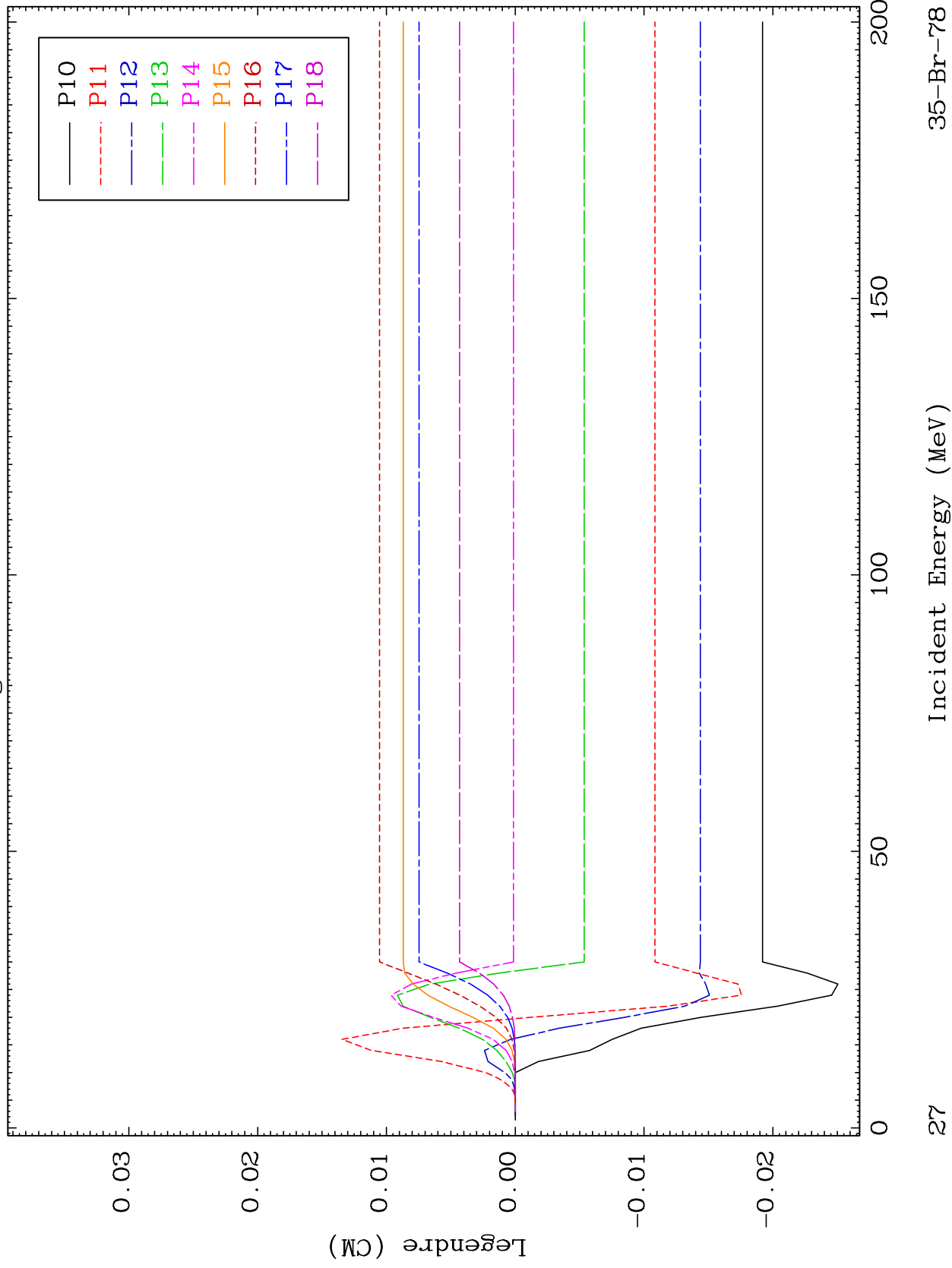
Incident Energy (MeV)

35-Br-78

MAT 3522

125.1 keV (n,n') Level
Legendre Coefficients

35-Br-78



27

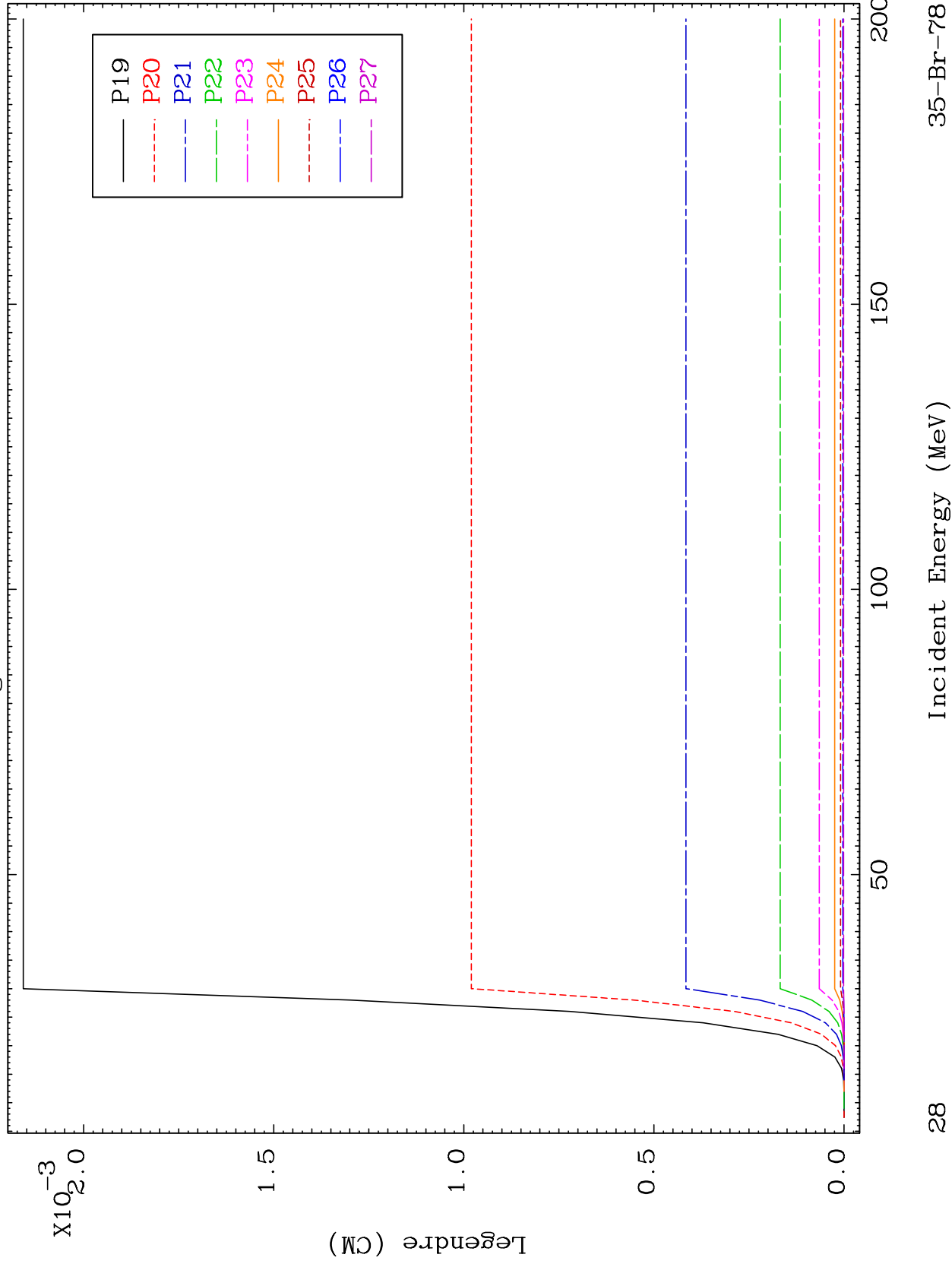
Incident Energy (MeV)

35-Br-78

MAT 3522

125.1 keV (n,n') Level
Legendre Coefficients

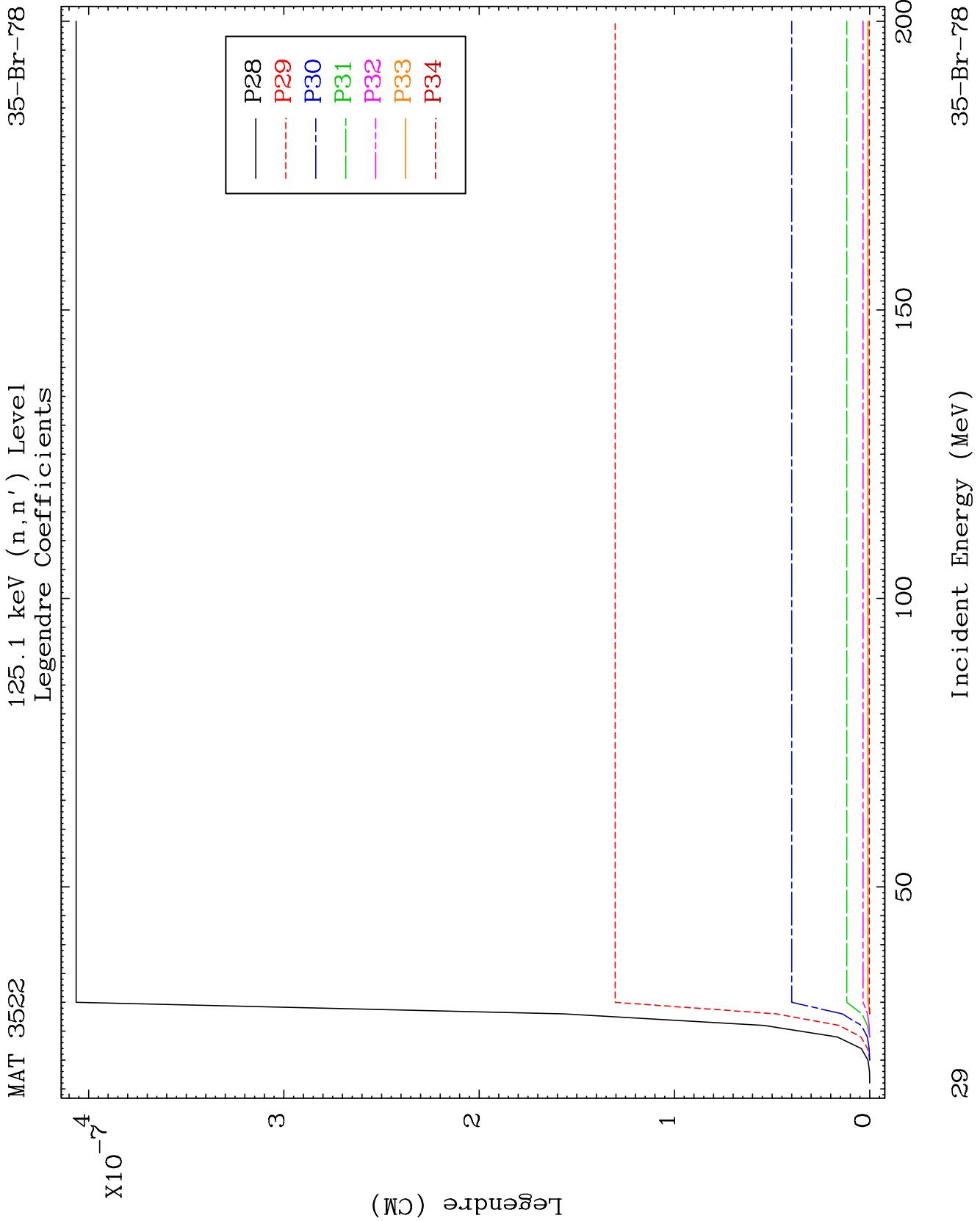
35-Br-78

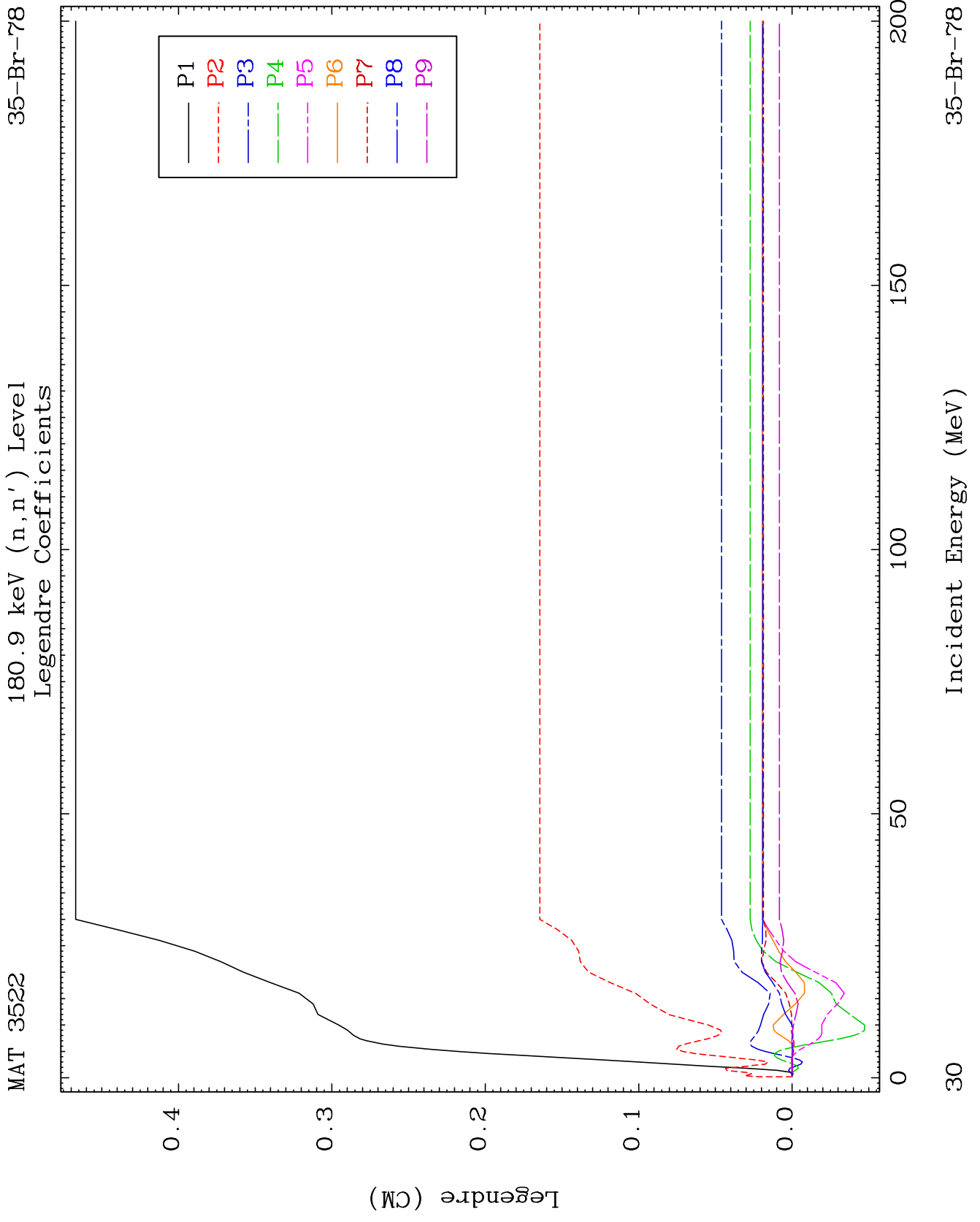


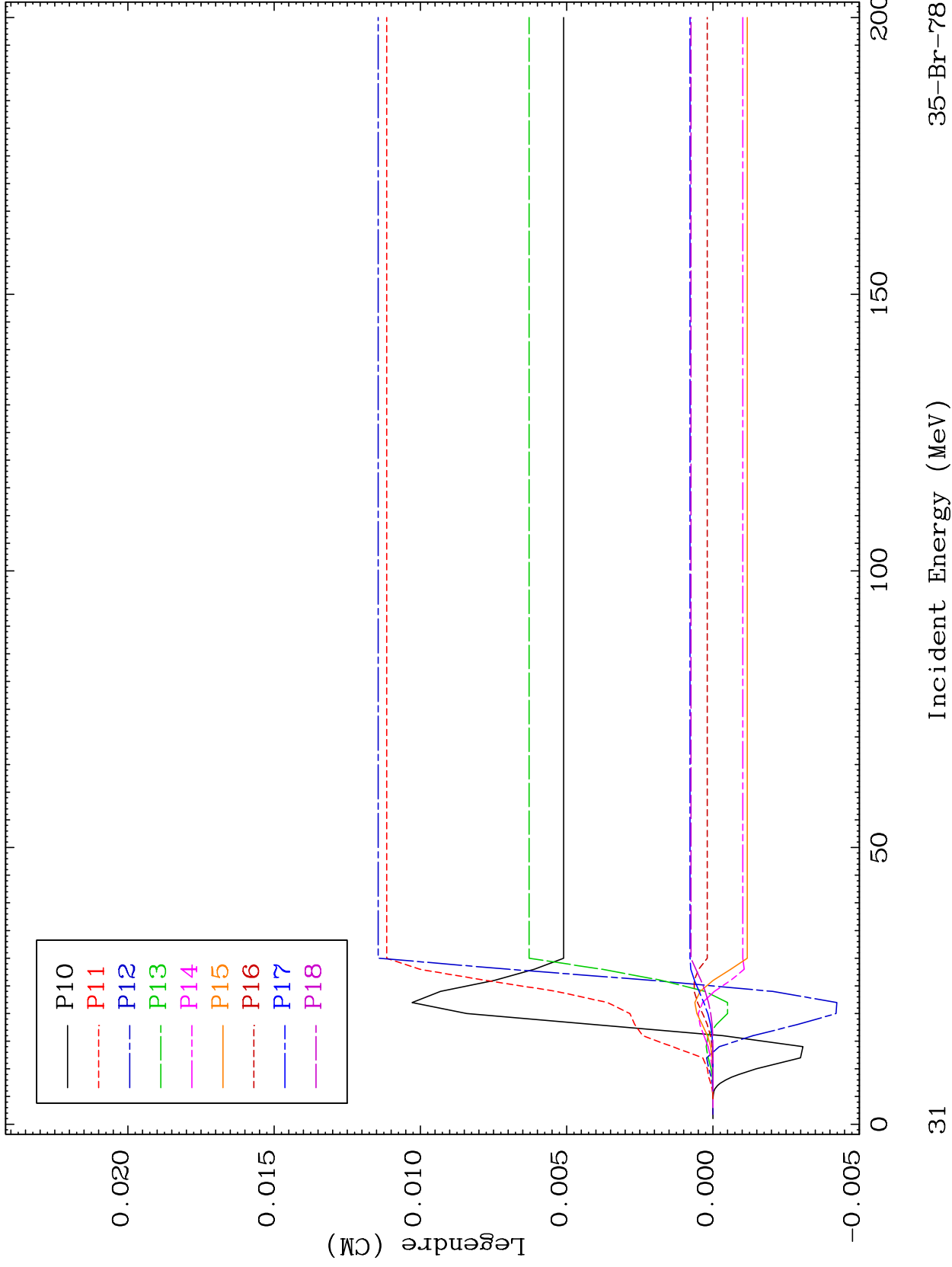
28

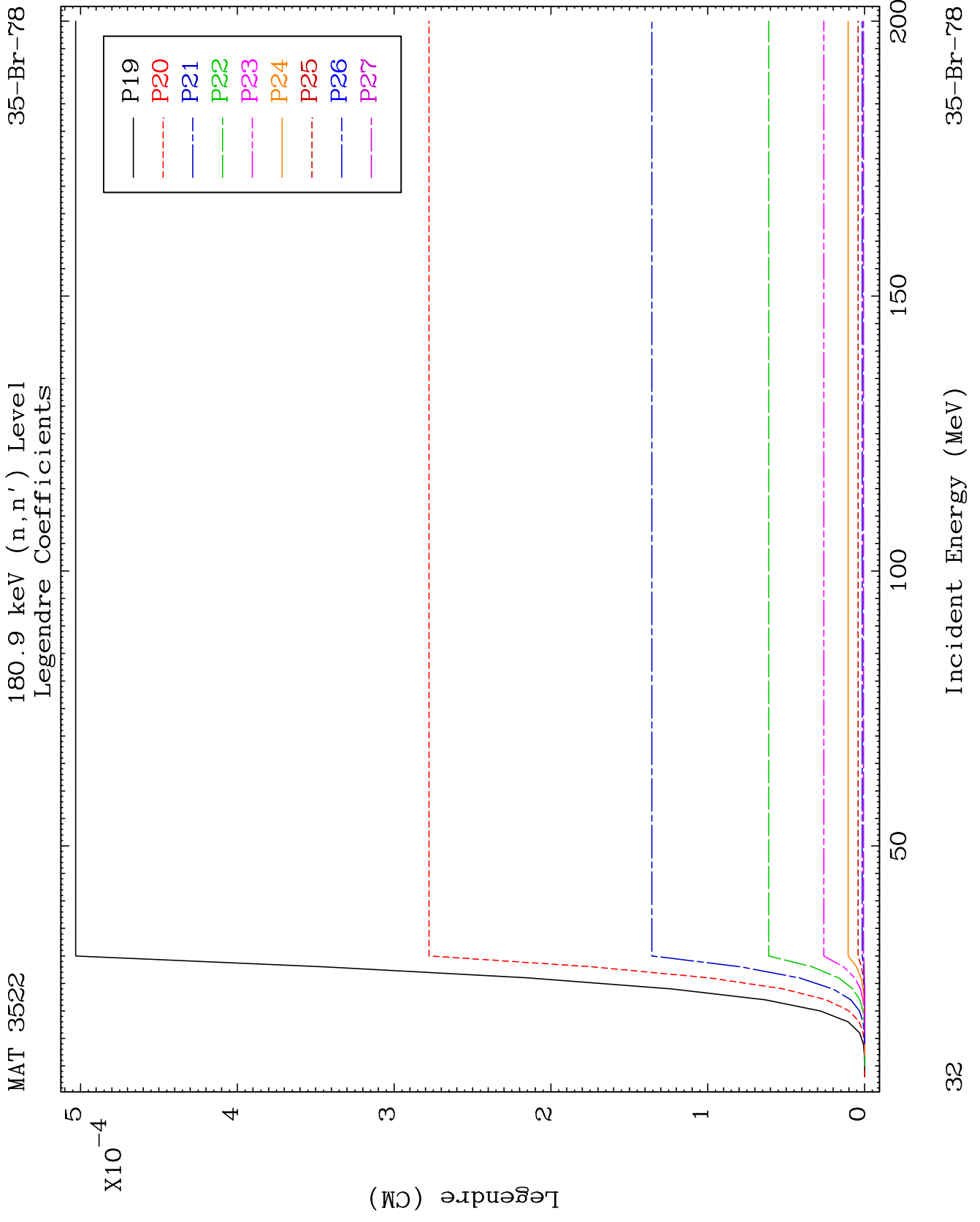
Incident Energy (MeV)

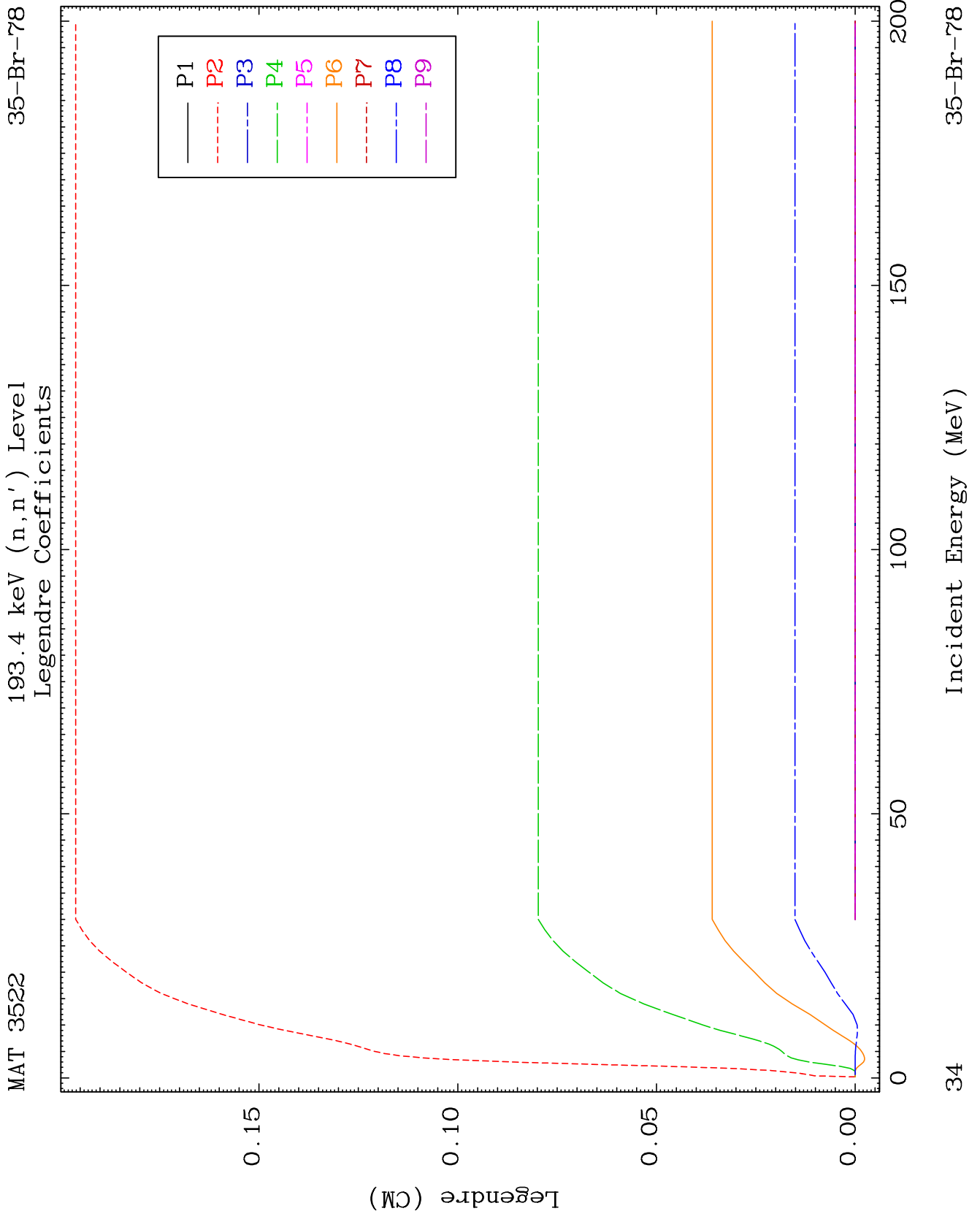
35-Br-78







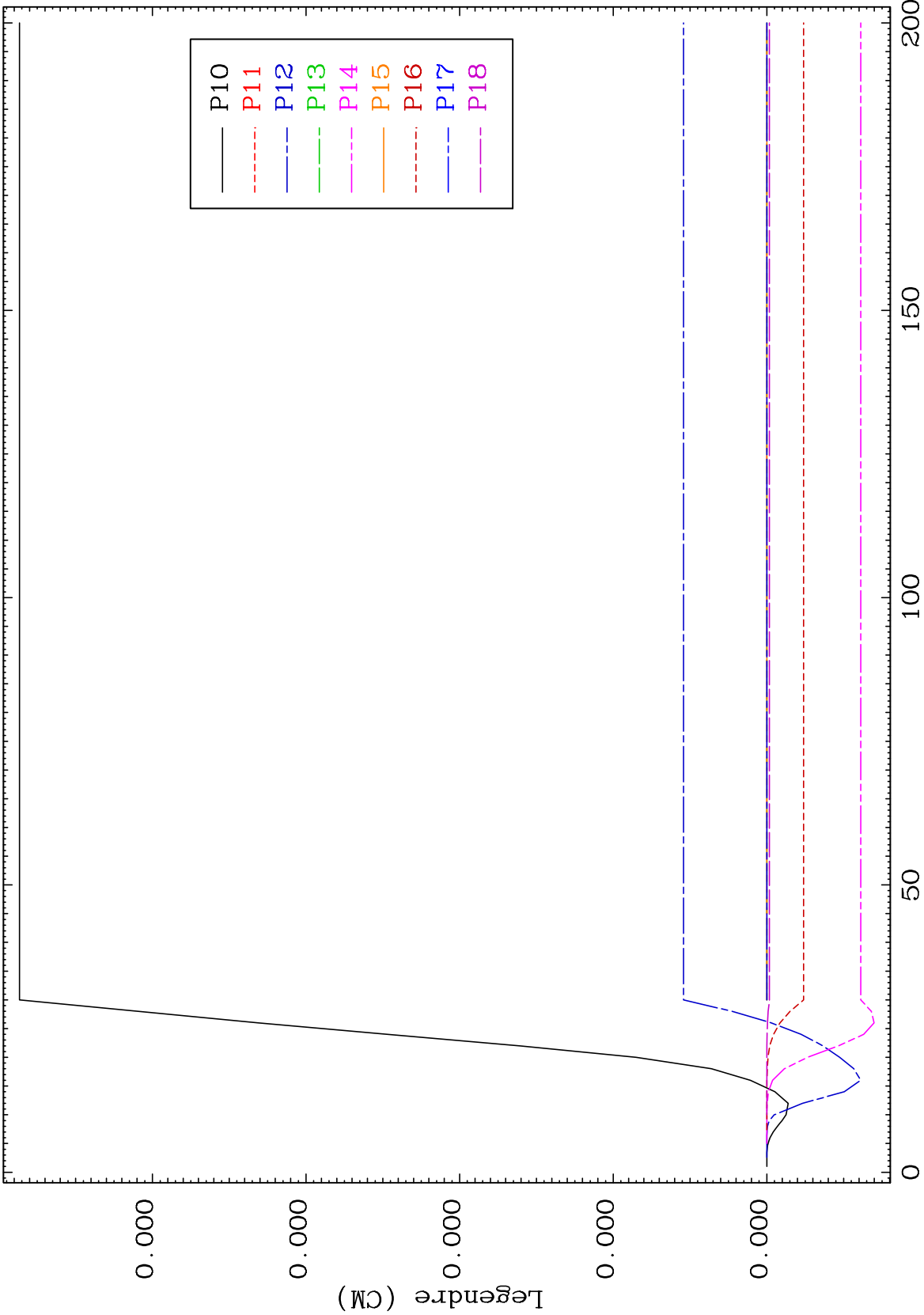




MAT 3522

193.4 keV (n,n') Level
Legendre Coefficients

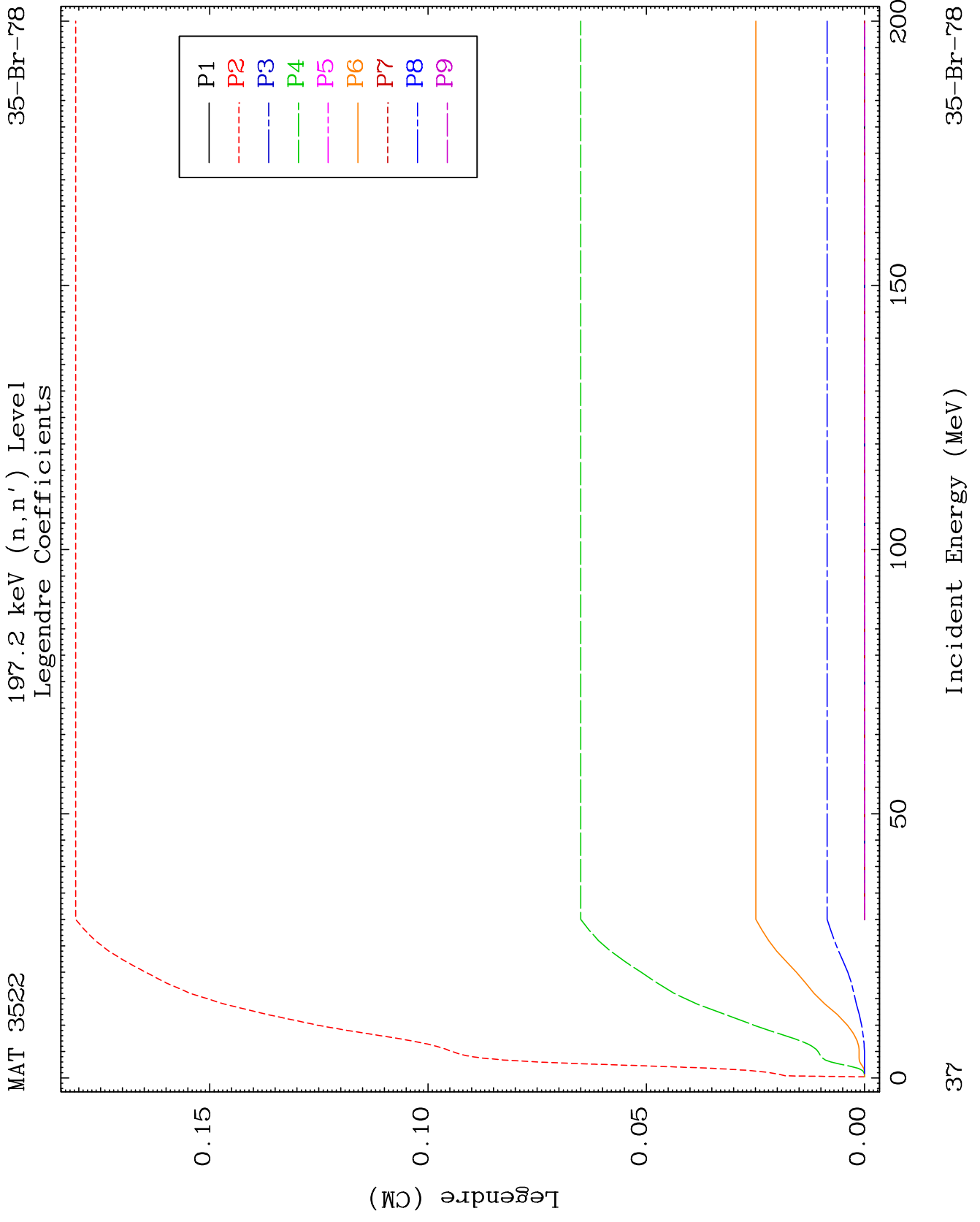
35-Br-78



35

Incident Energy (MeV)

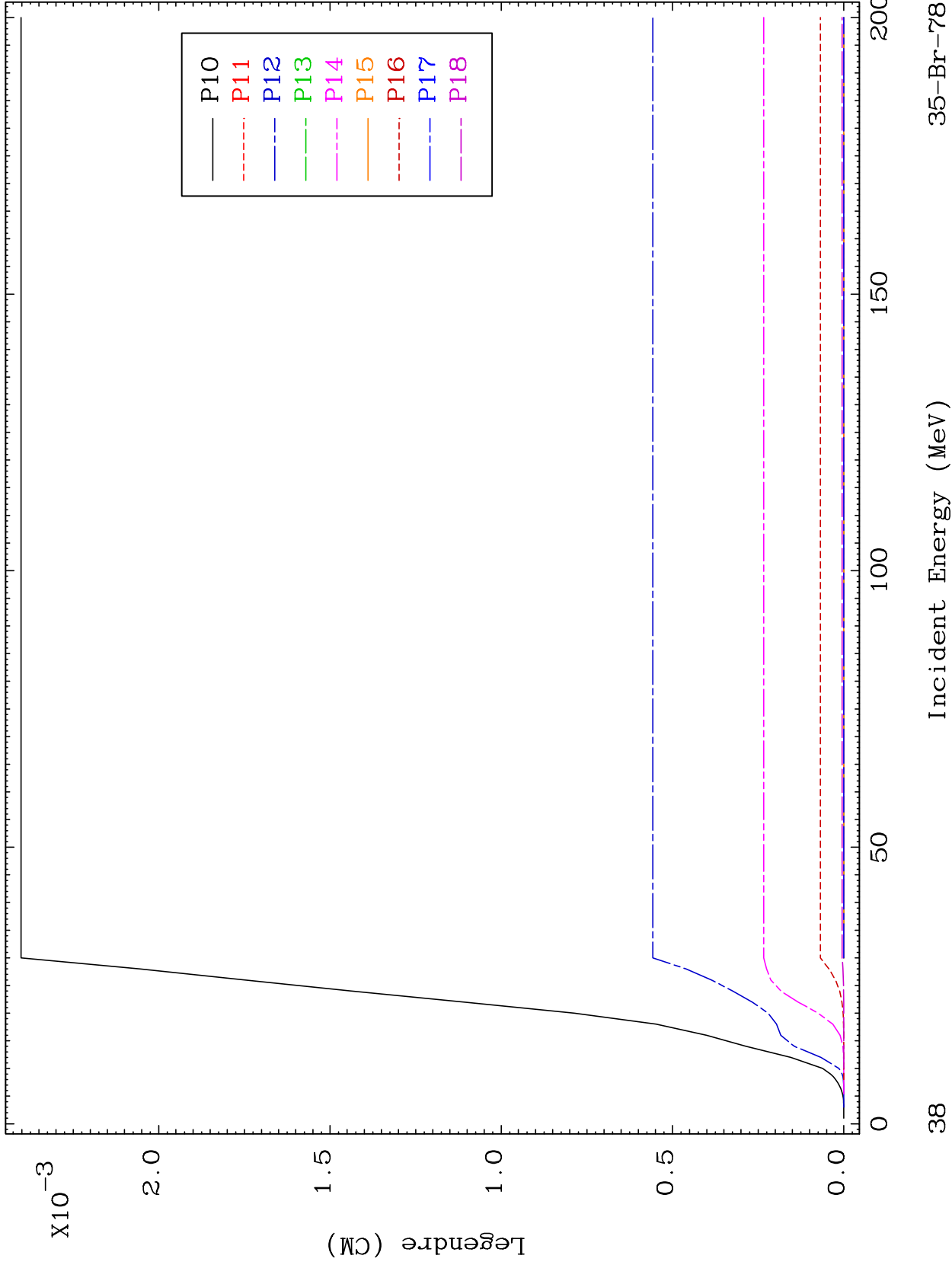
35-Br-78

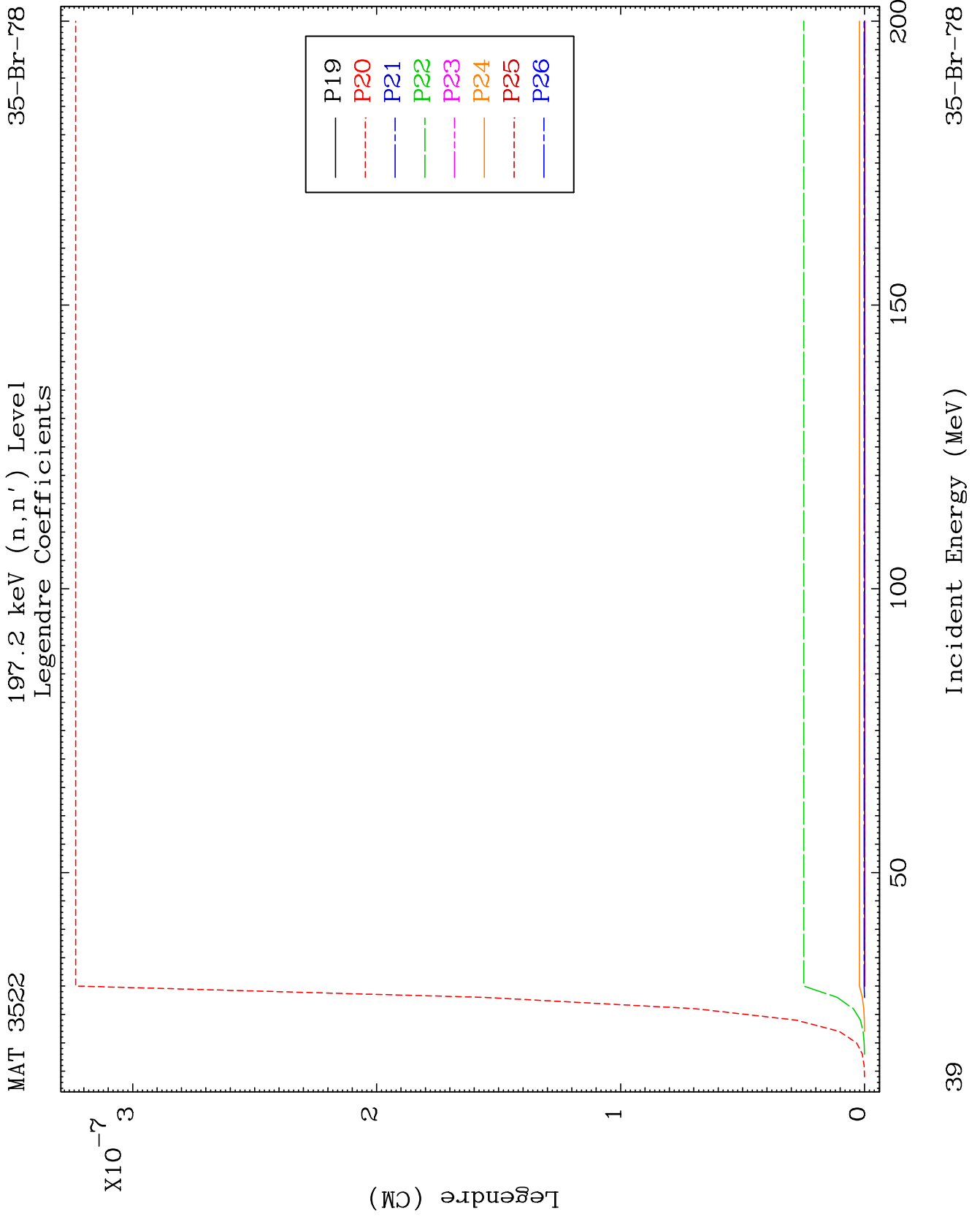


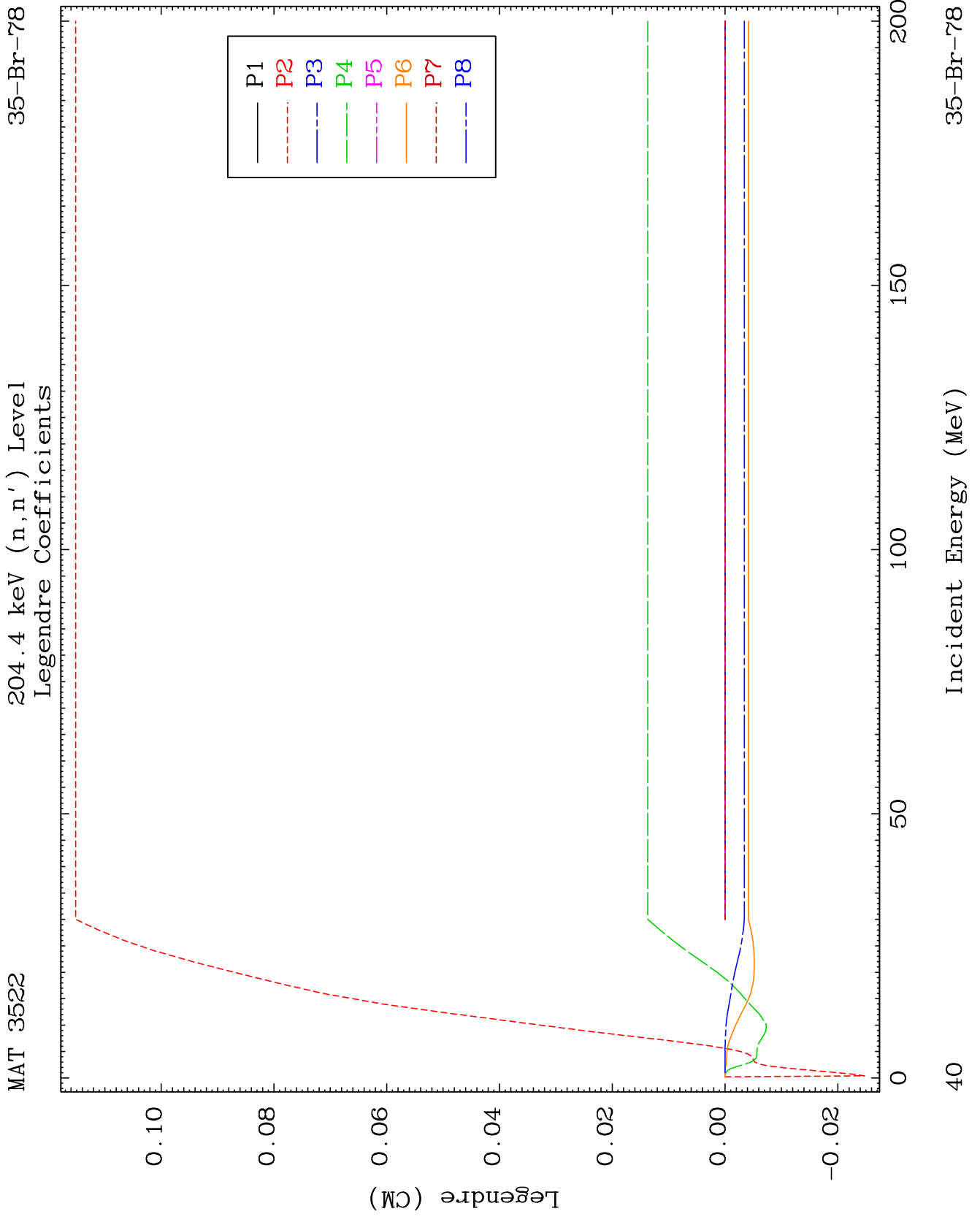
MAT 3522

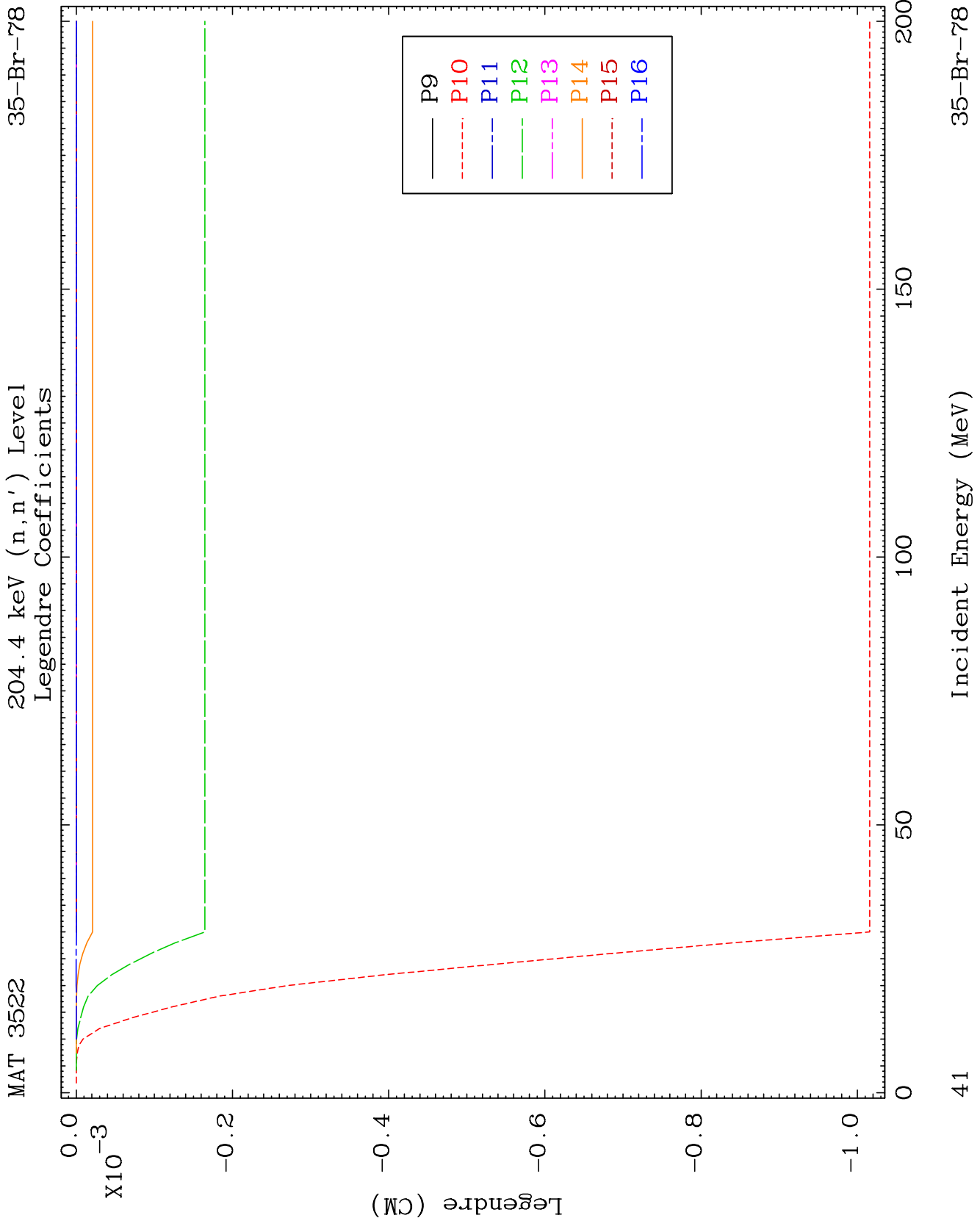
197.2 keV (n,n') Level
Legendre Coefficients

35-Br-78





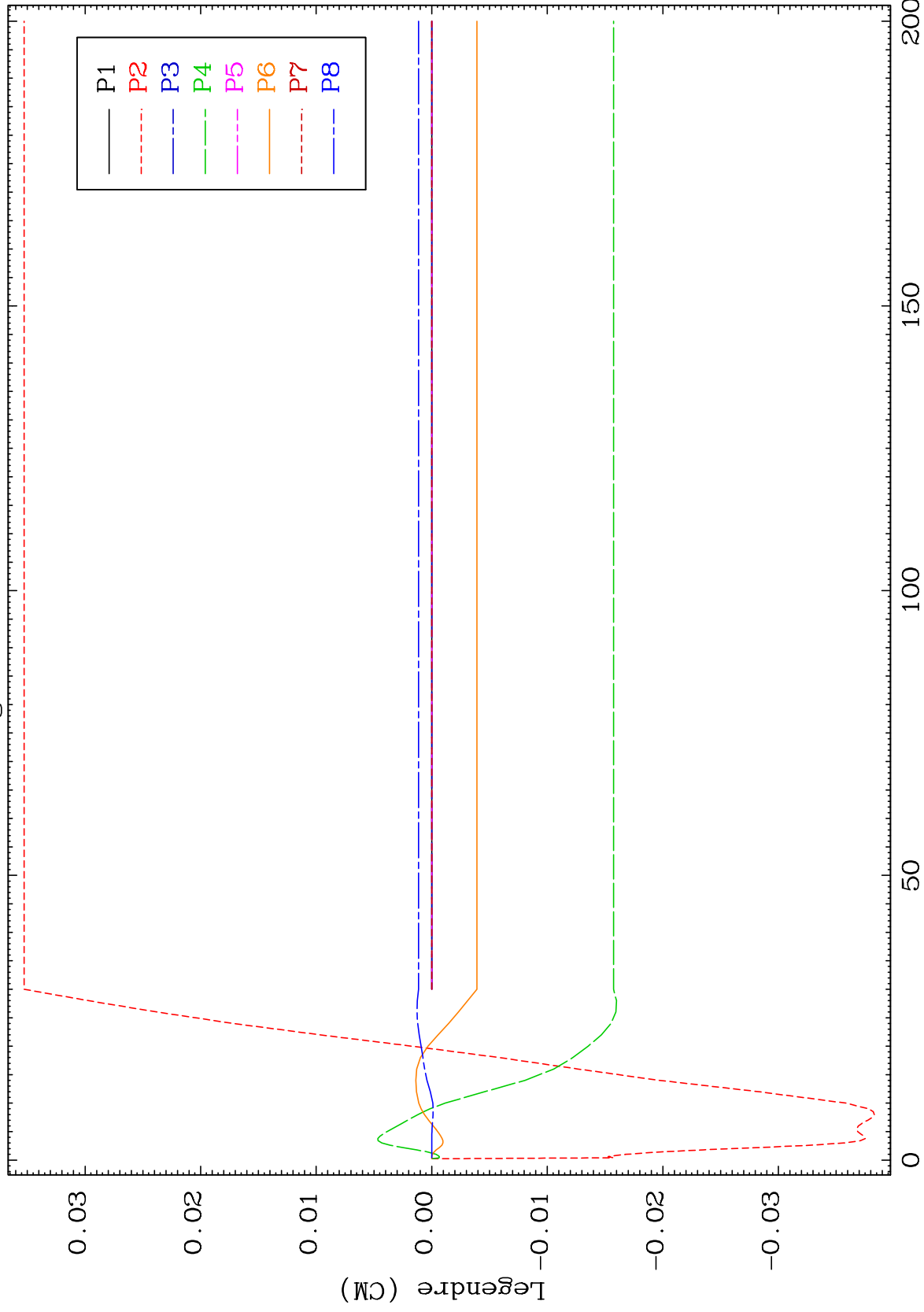




MAT 3522

227.7 keV (n,n') Level
Legendre Coefficients

35-Br-78



43

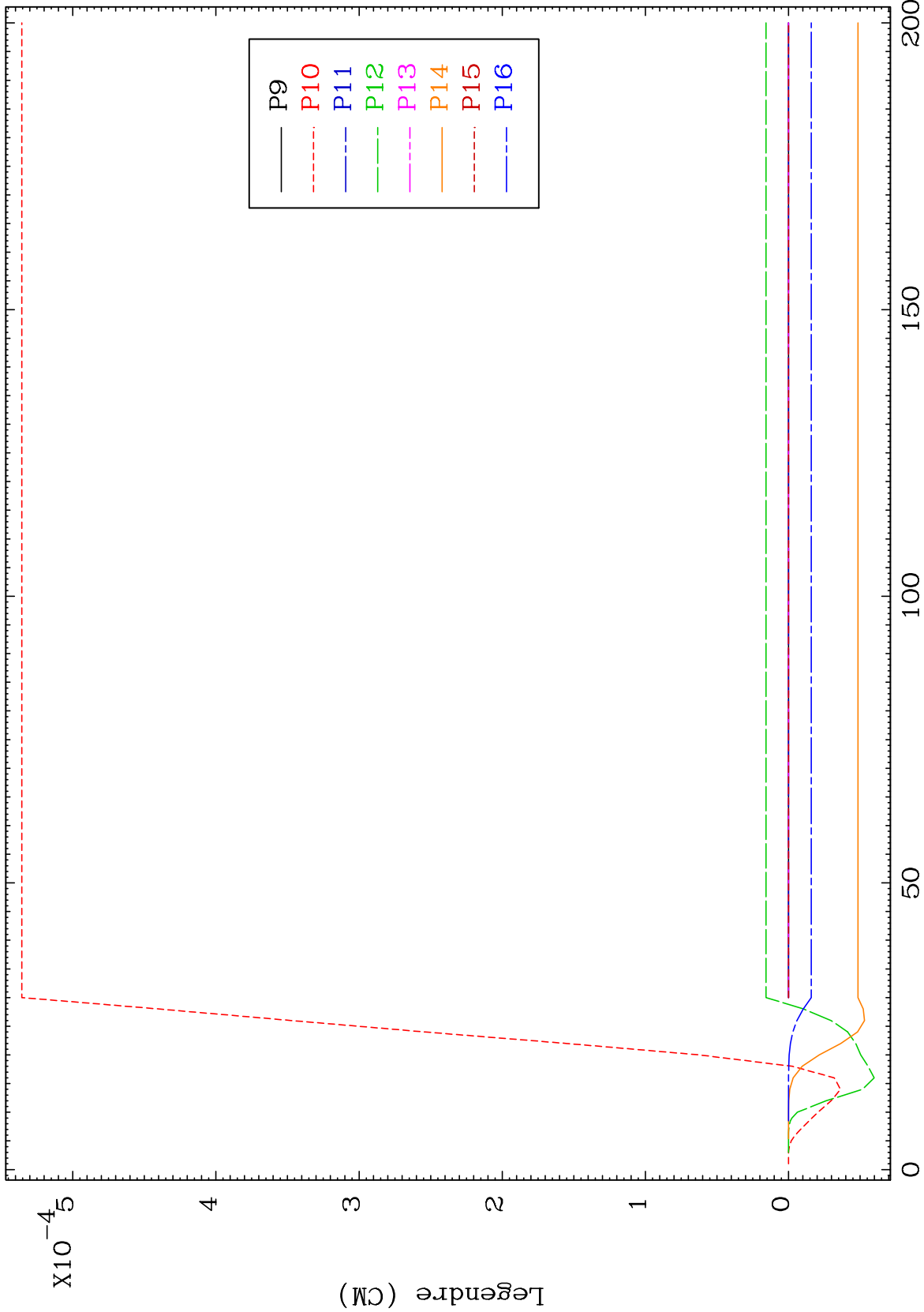
Incident Energy (MeV)

35-Br-78

MAT 3522

227.7 keV (n,n') Level
Legendre Coefficients

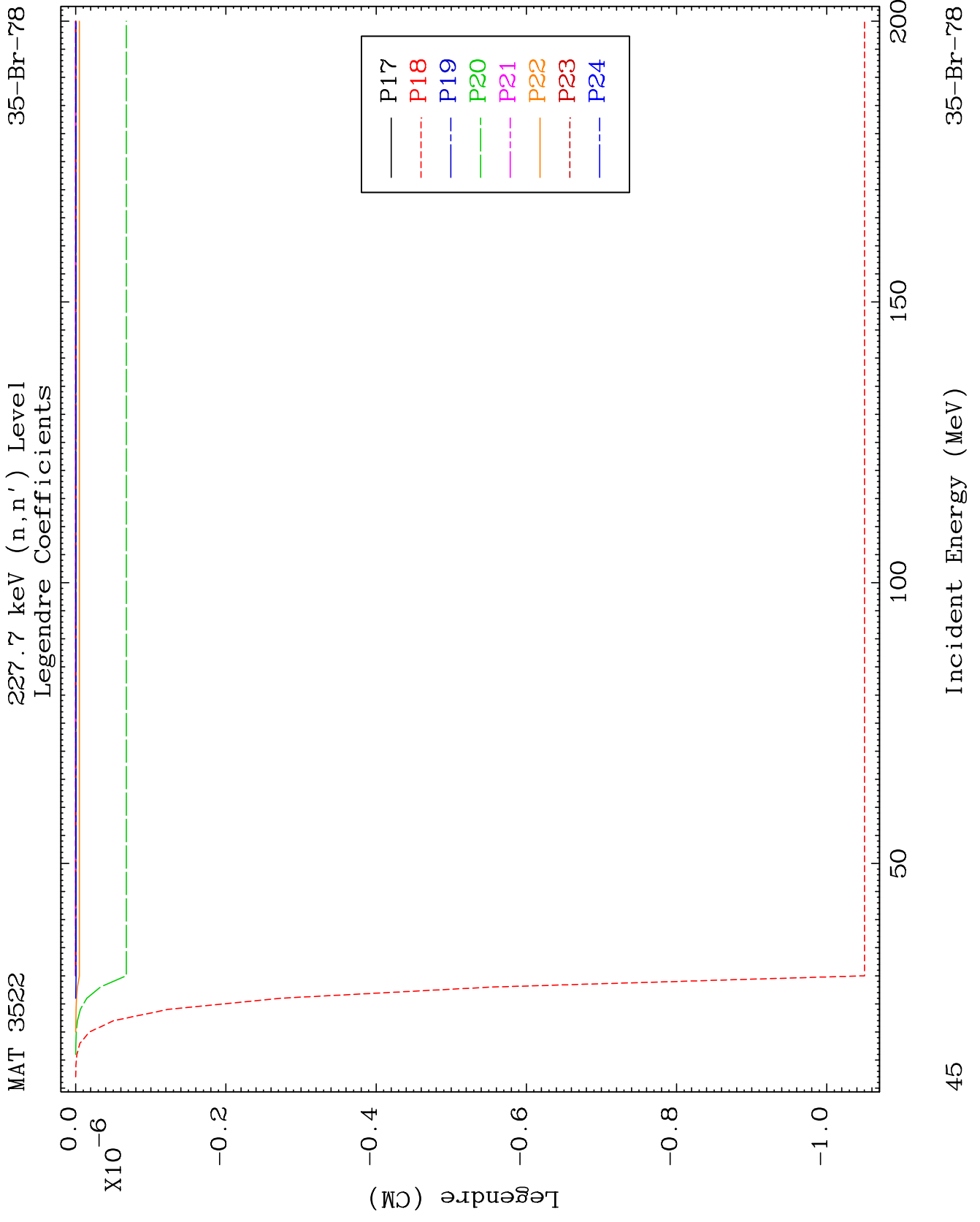
35-Br-78



44

Incident Energy (MeV)

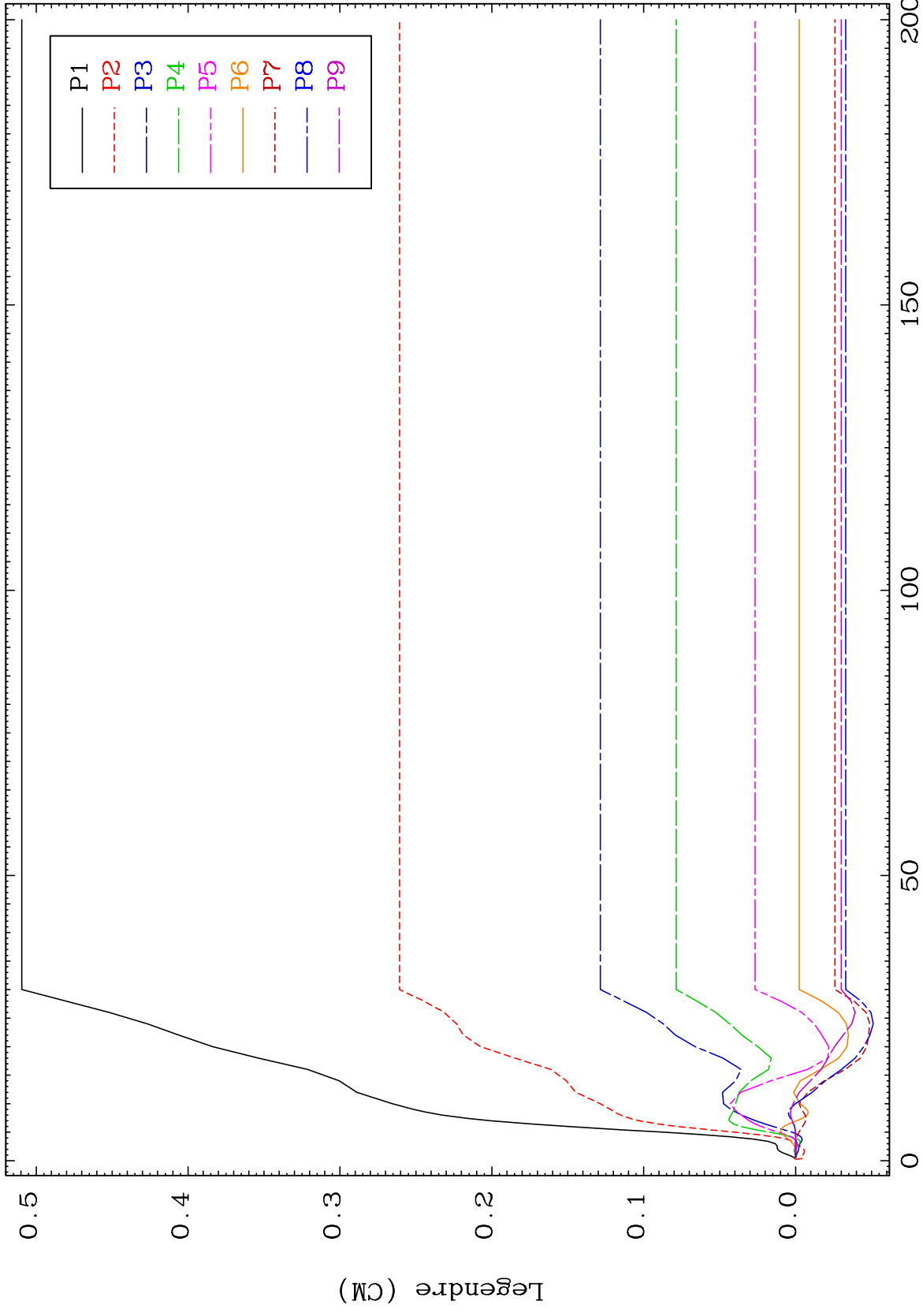
35-Br-78



MAT 3522

244.6 keV (n,n') Level
Legendre Coefficients

35-Br-78



48

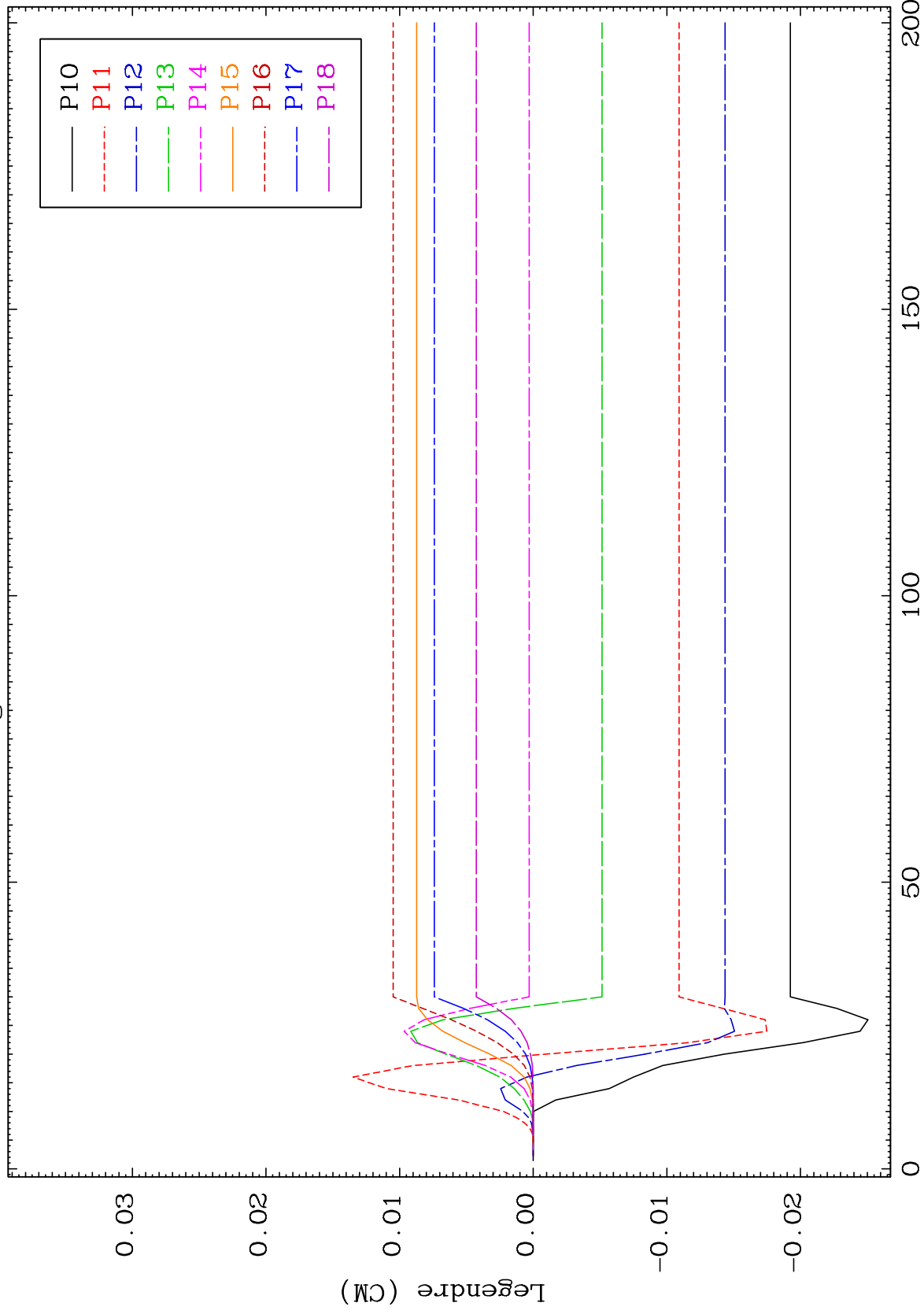
Incident Energy (MeV)

35-Br-78

MAT 3522

244.6 keV (n,n') Level
Legendre Coefficients

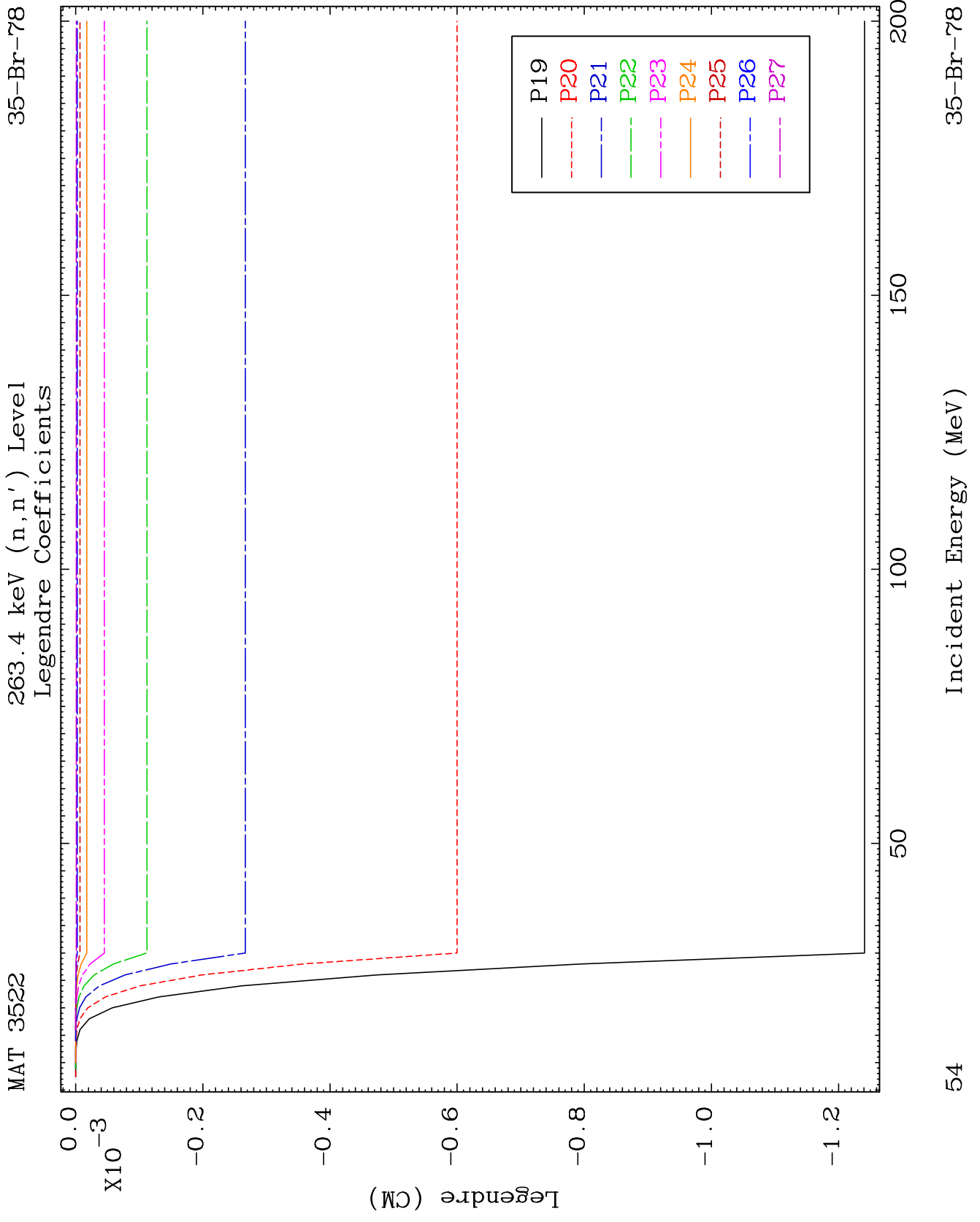
35-Br-78

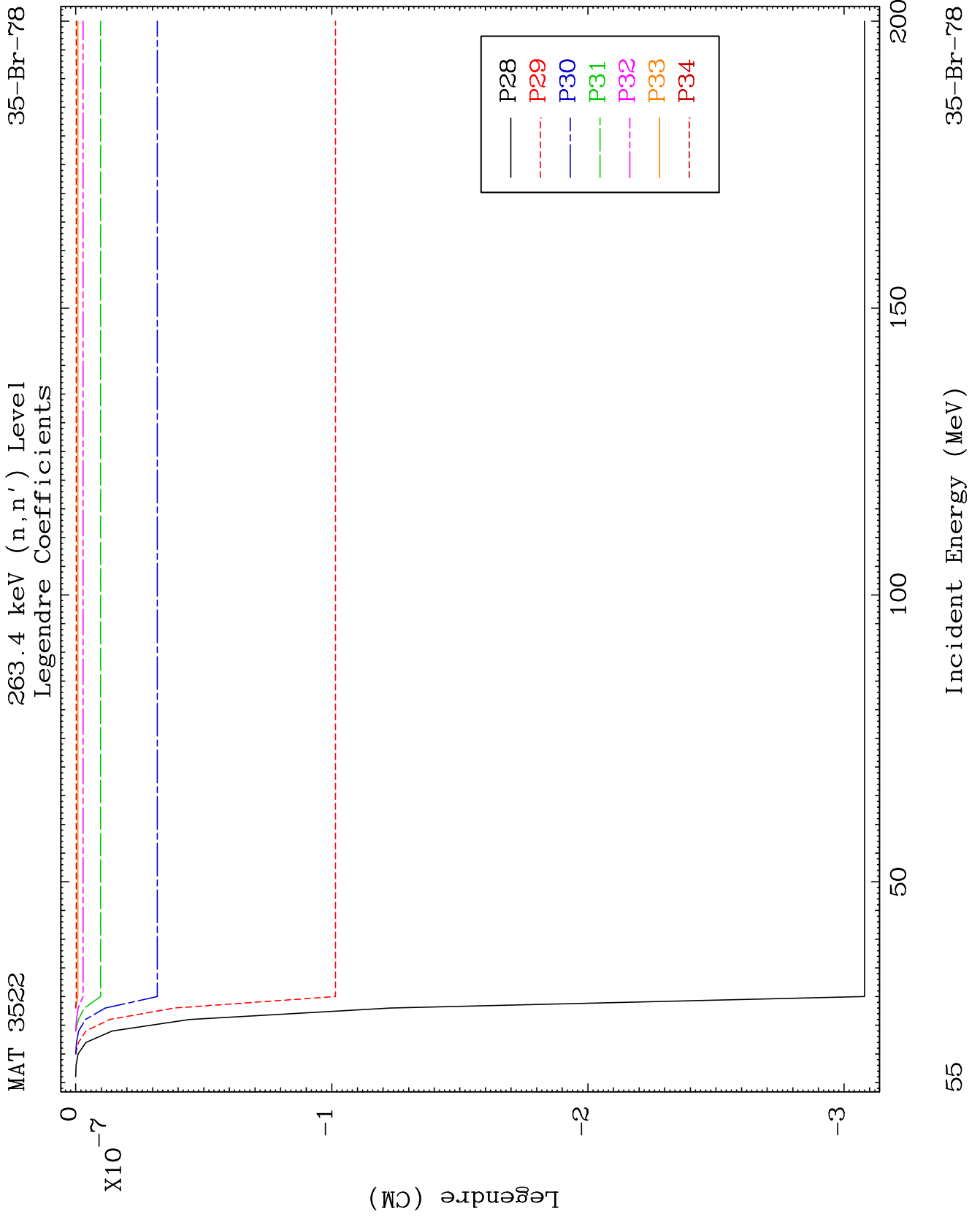


49

Incident Energy (MeV)

35-Br-78

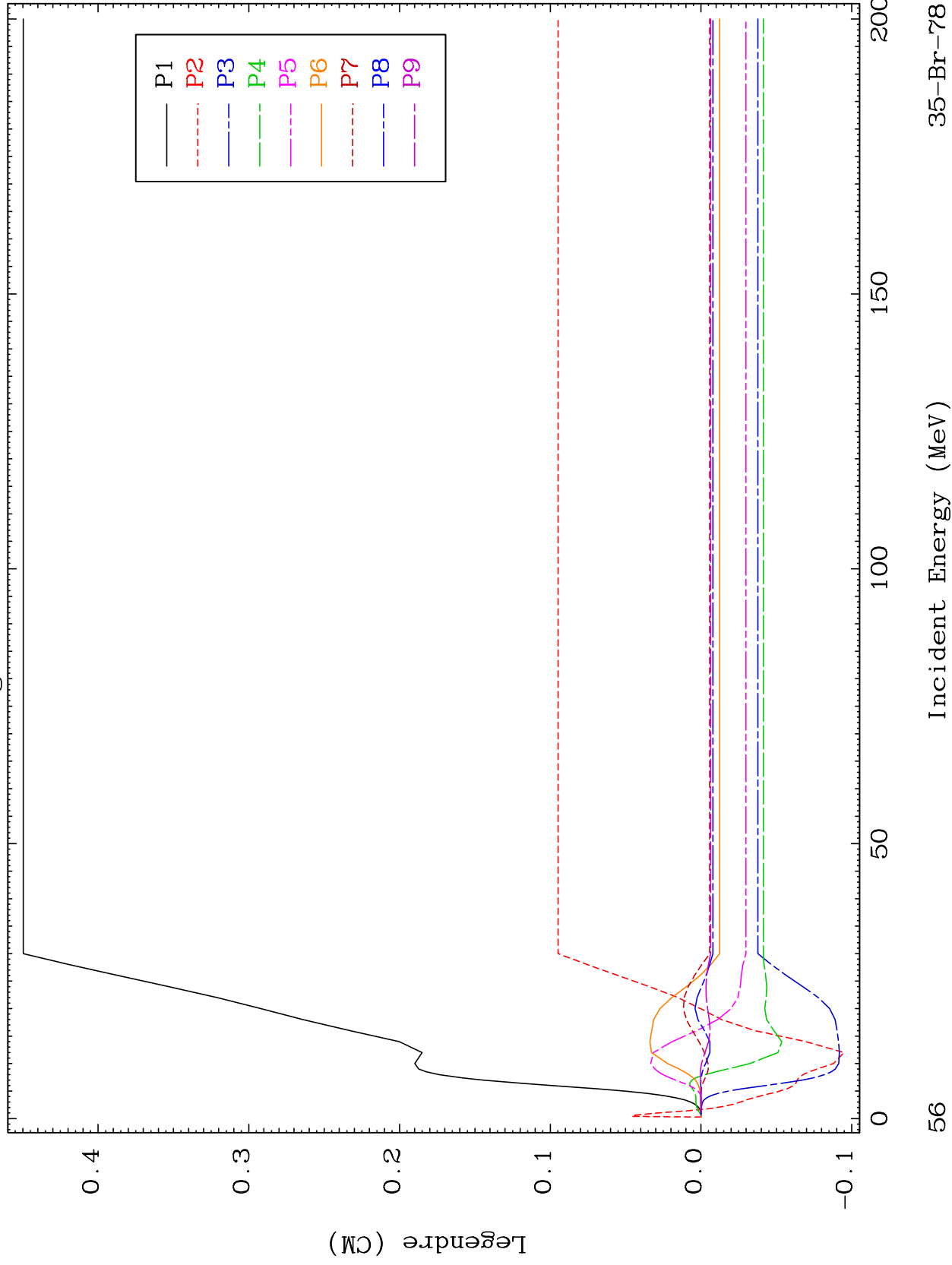




MAT 3522

265.0 keV (n,n') Level
Legendre Coefficients

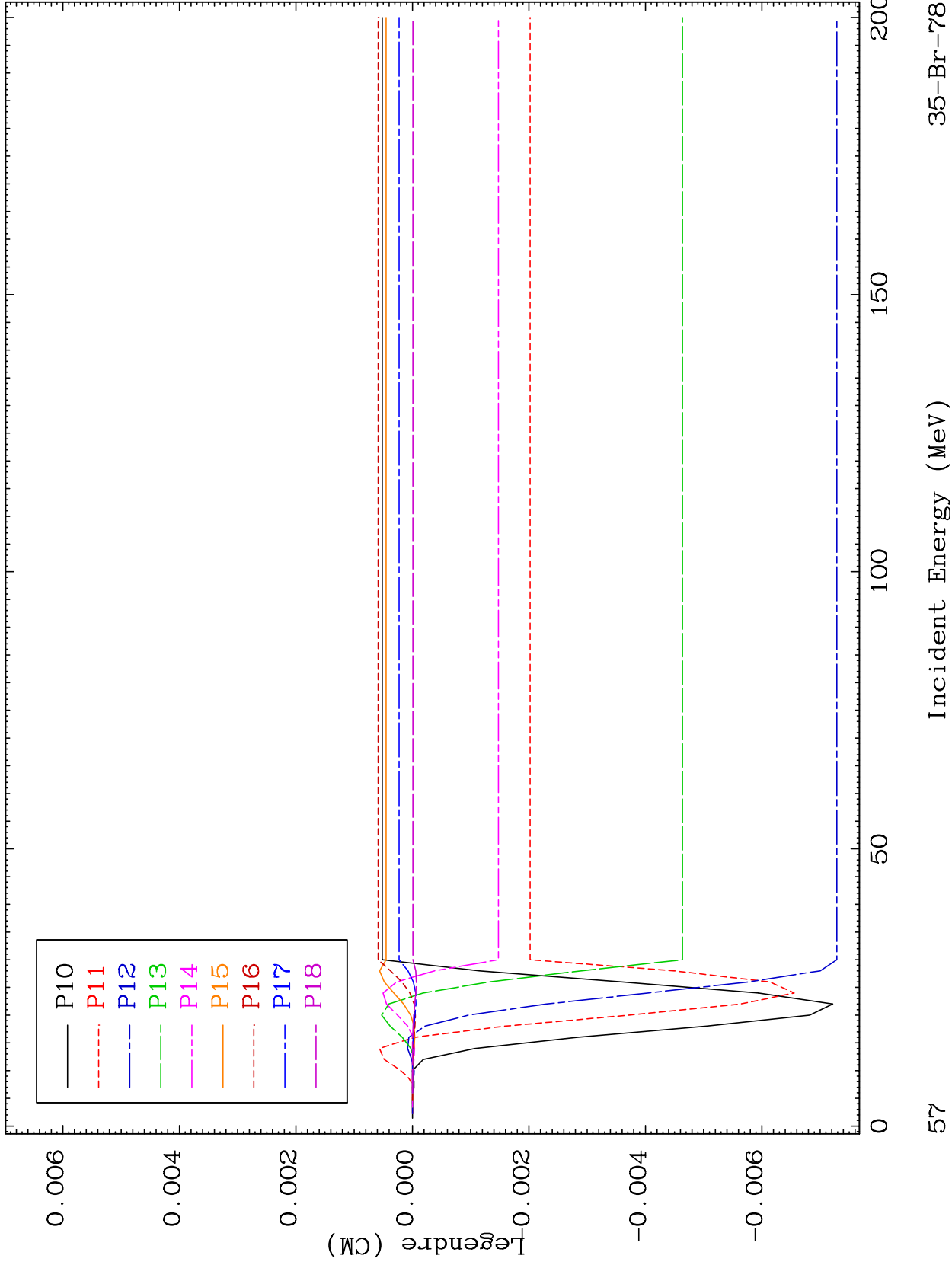
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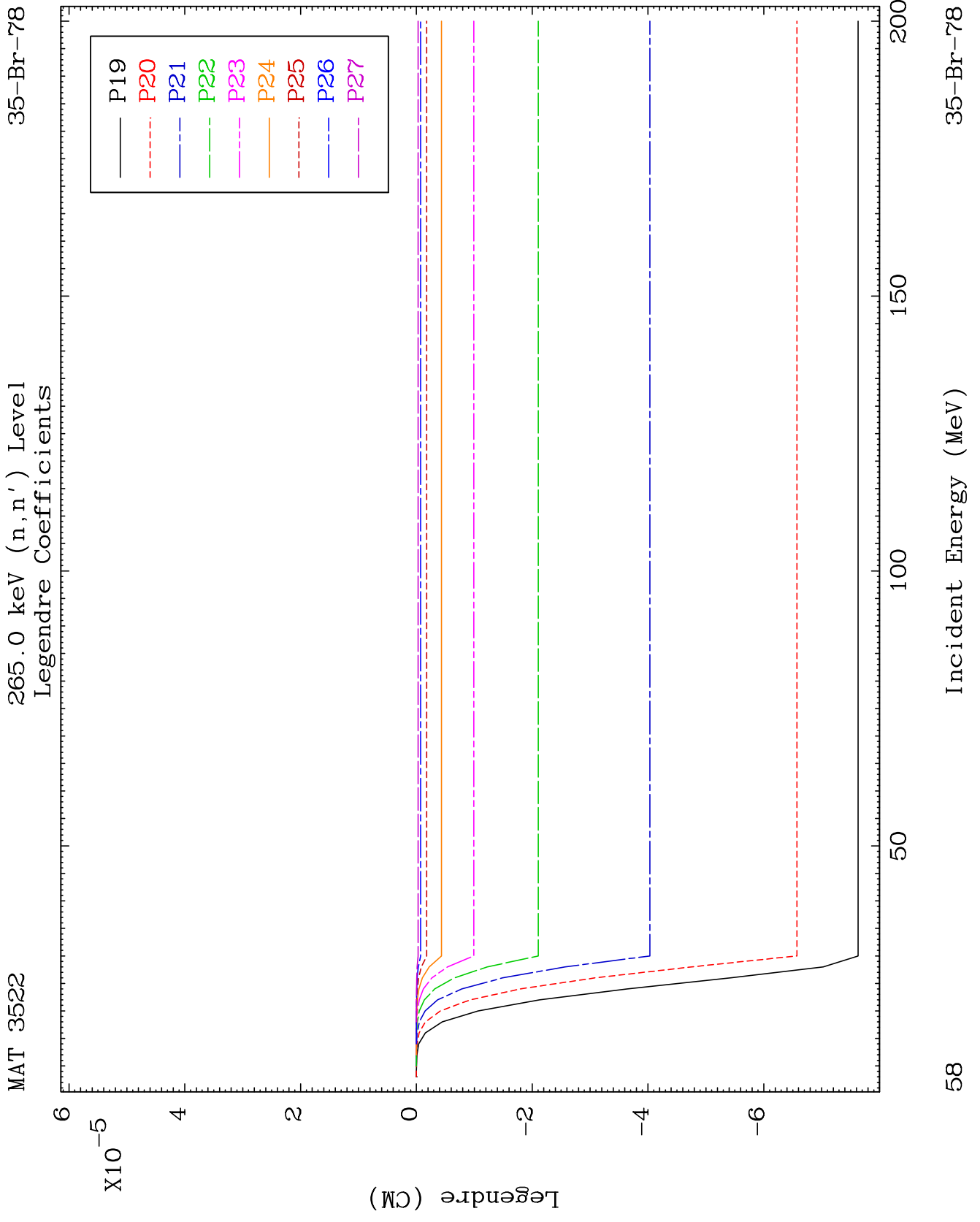


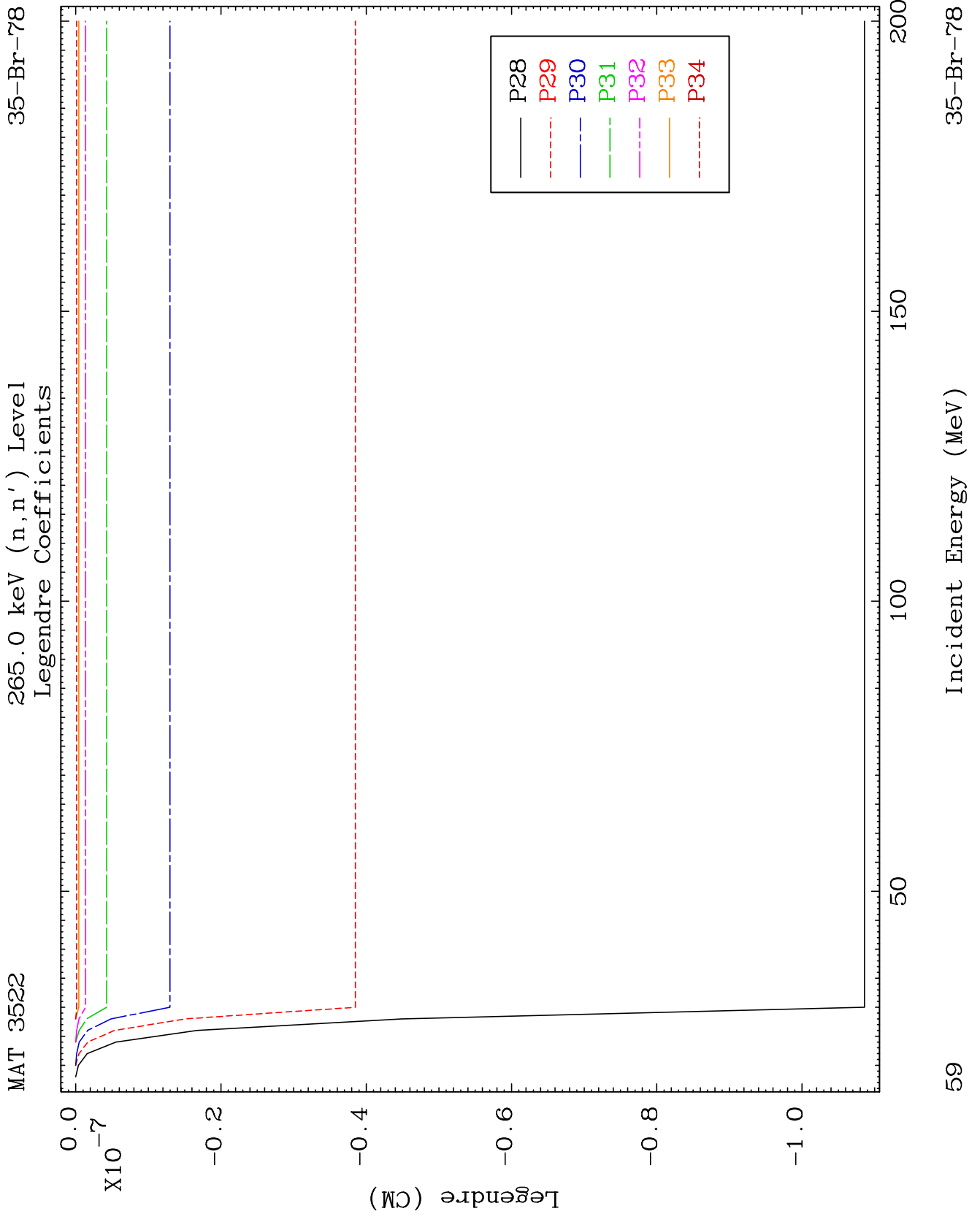
35-Br-78

Incident Energy (MeV)

56



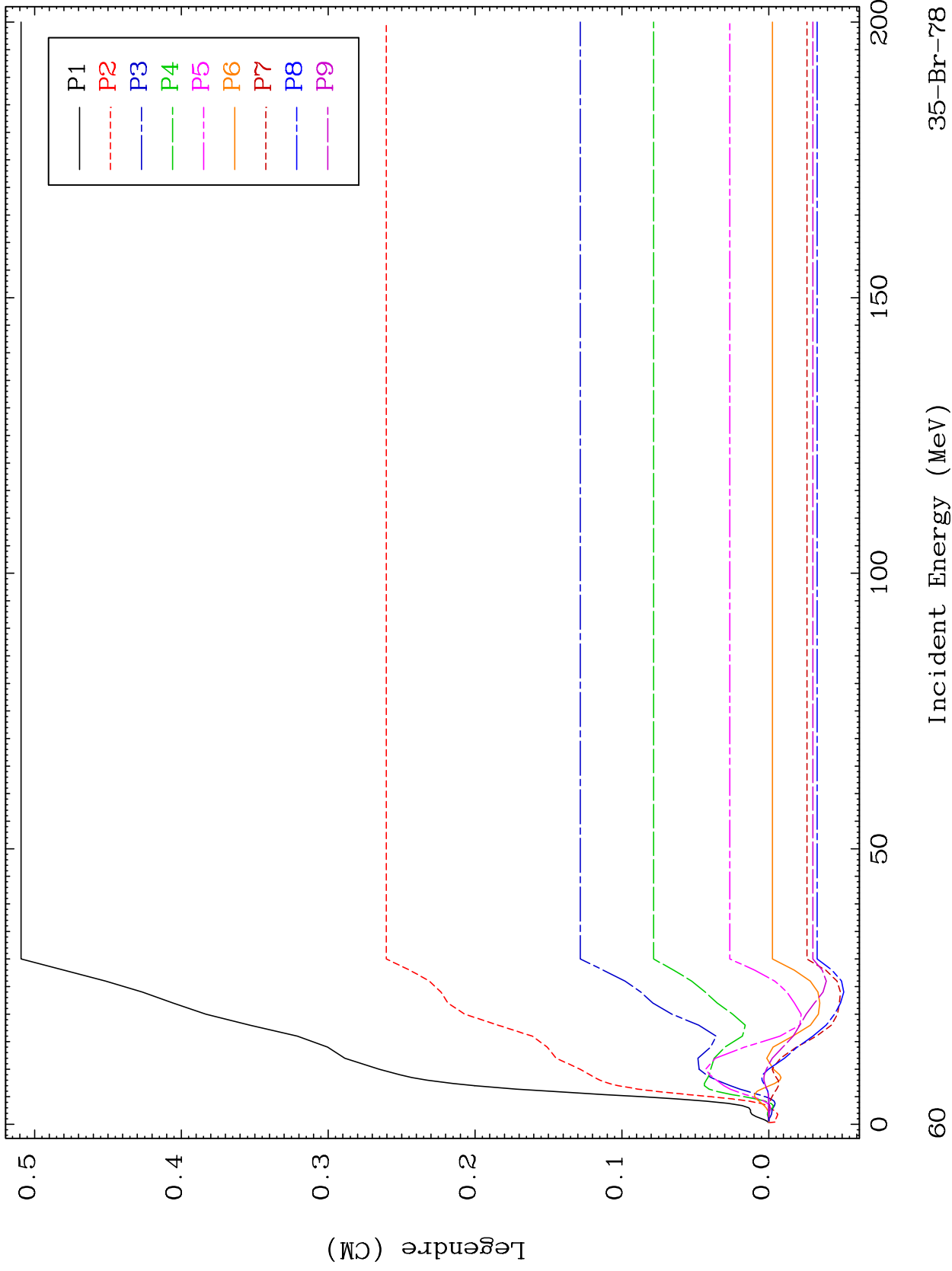




MAT 3522

284.3 keV (n,n') Level
Legendre Coefficients

35-Br-78

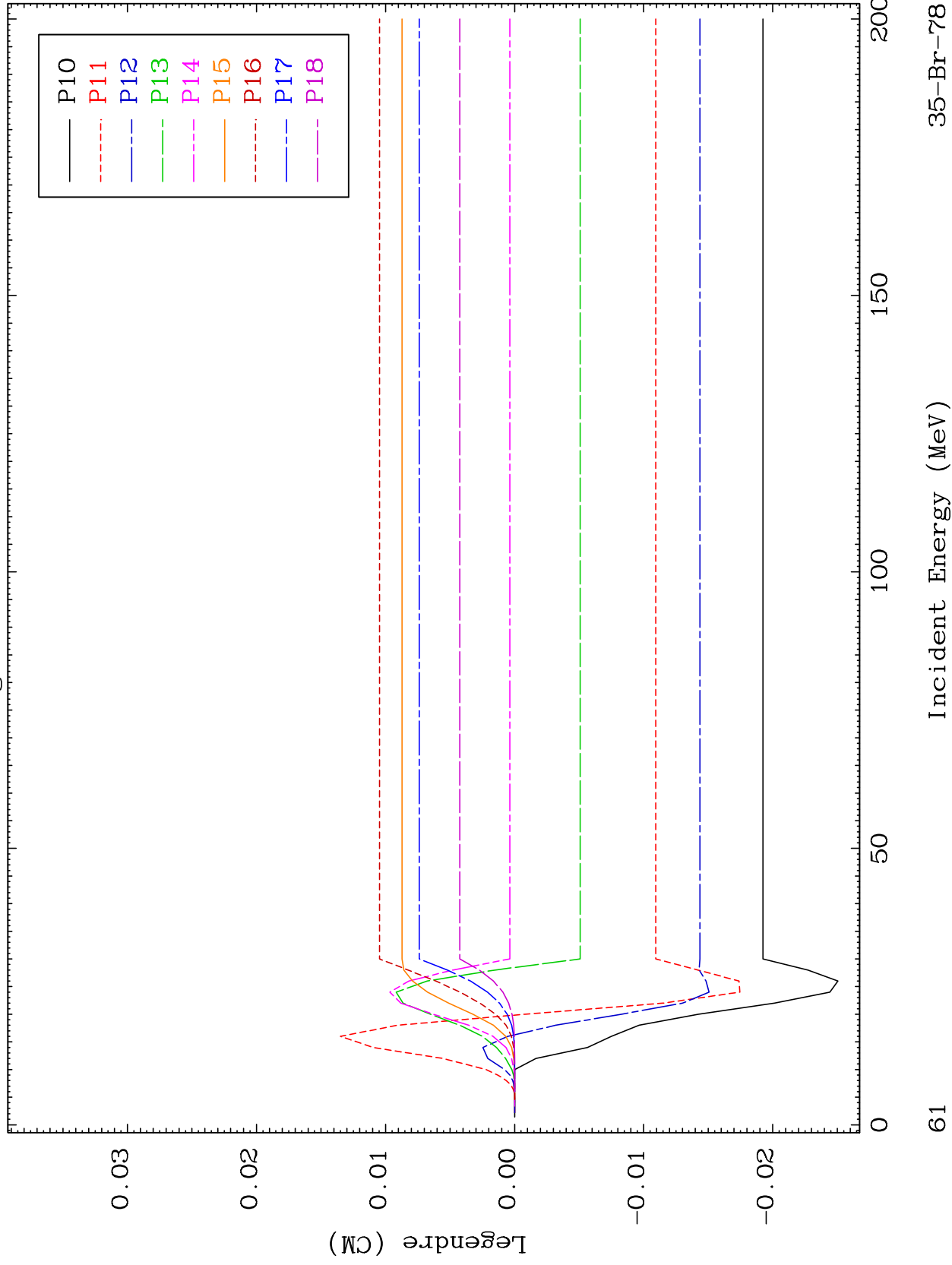


35-Br-78

MAT 3522

284.3 keV (n,n') Level
Legendre Coefficients

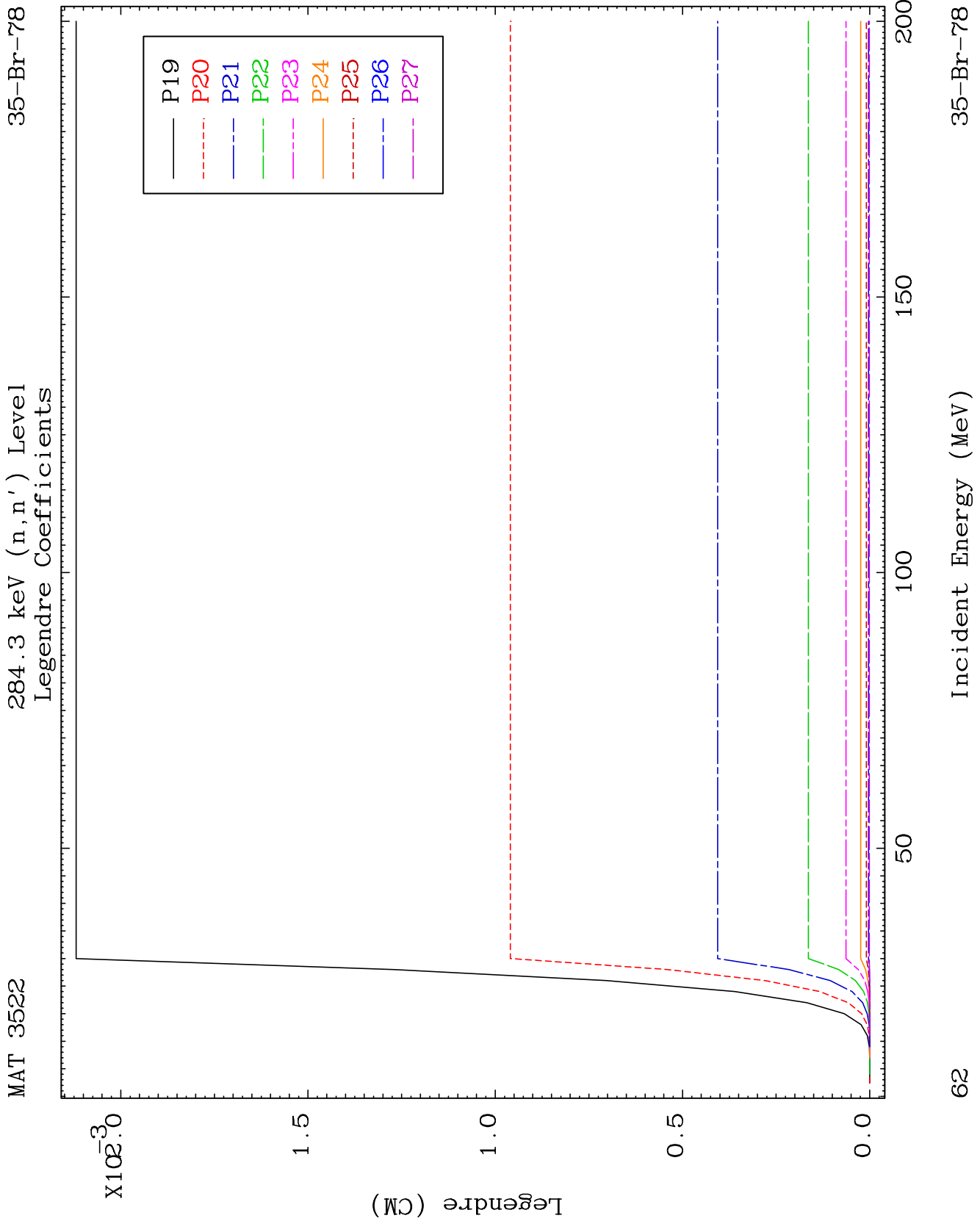
35-Br-78



35-Br-78

Incident Energy (MeV)

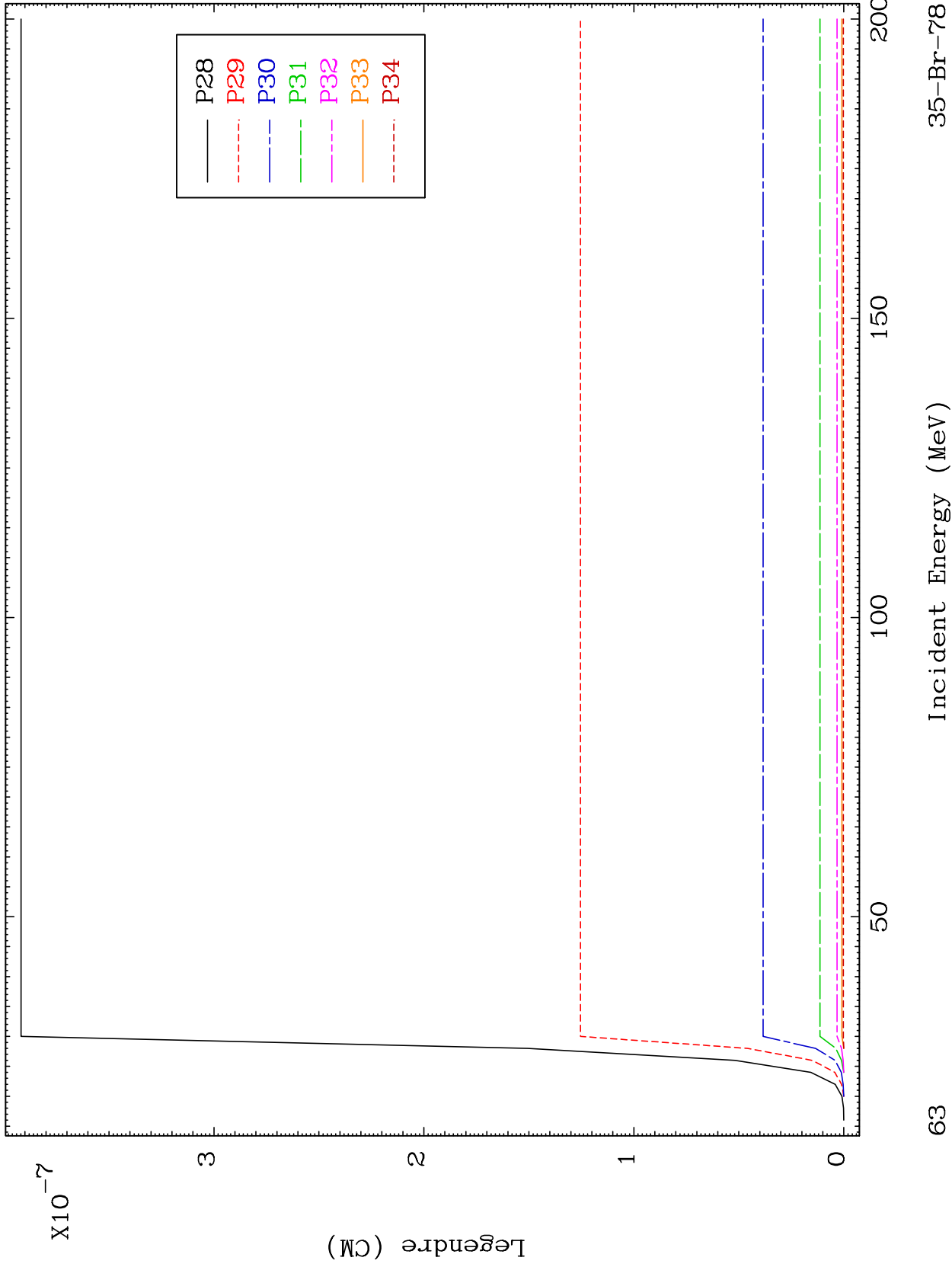
61



MAT 3522

284.3 keV (n,n') Level
Legendre Coefficients

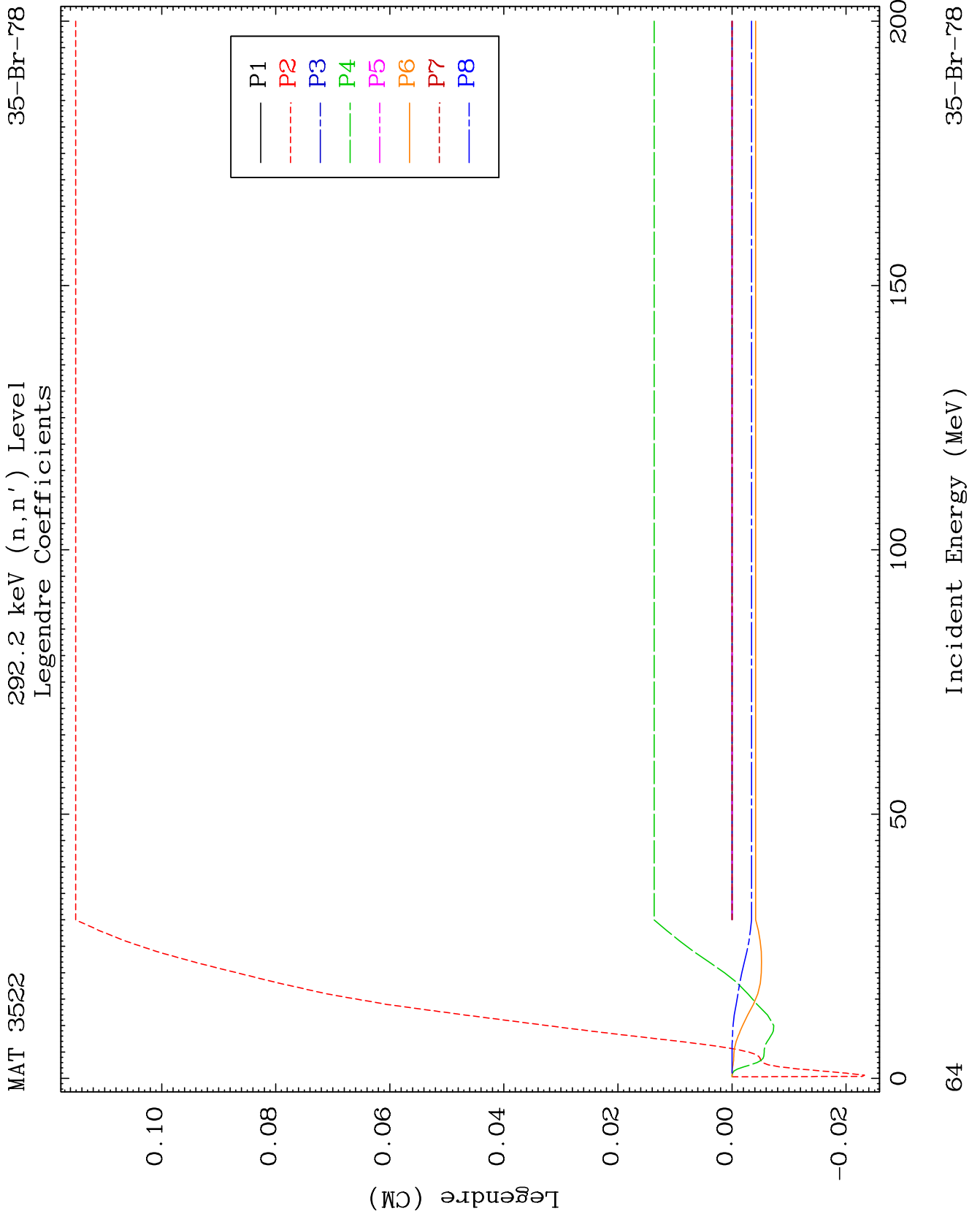
35-Br-78

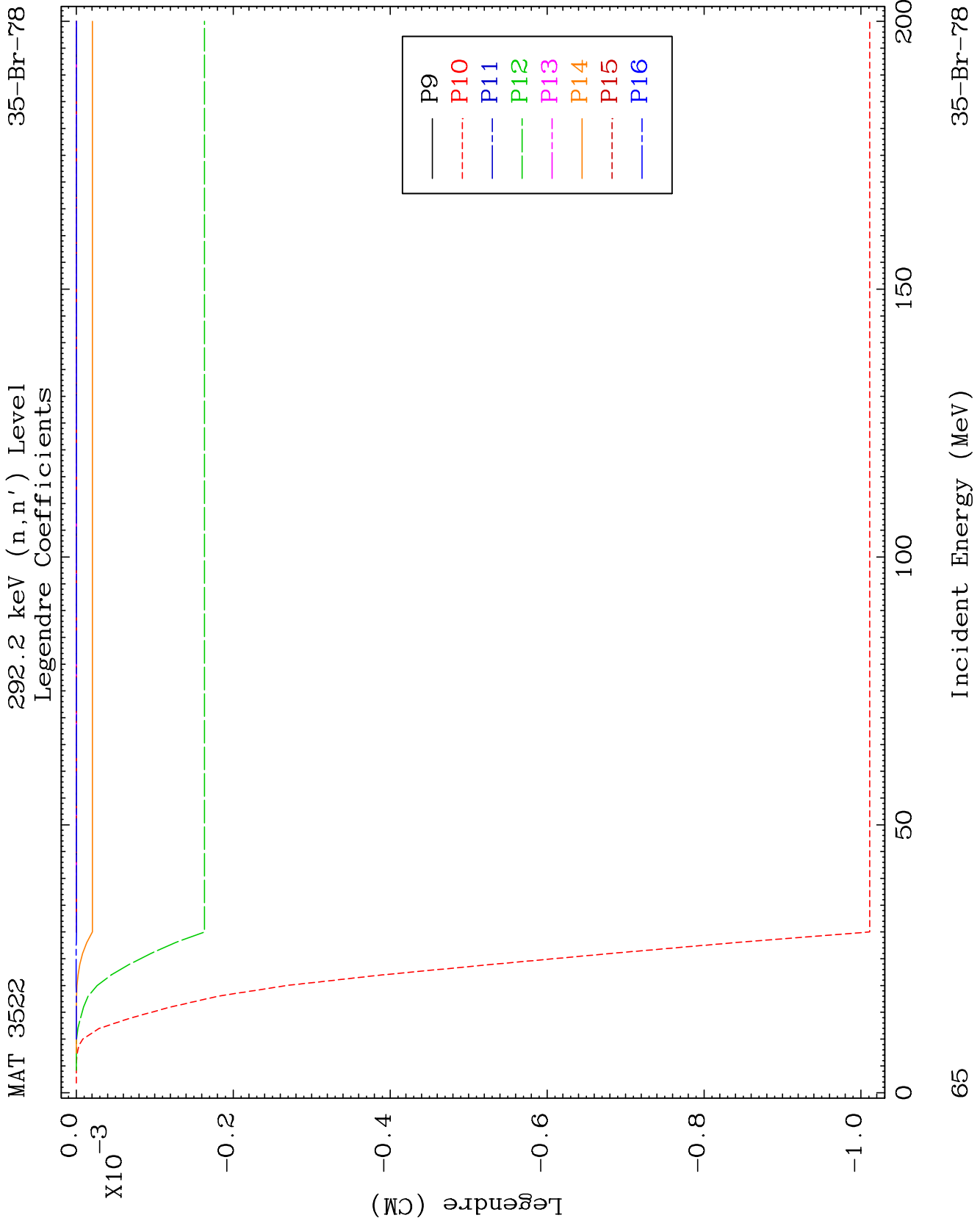


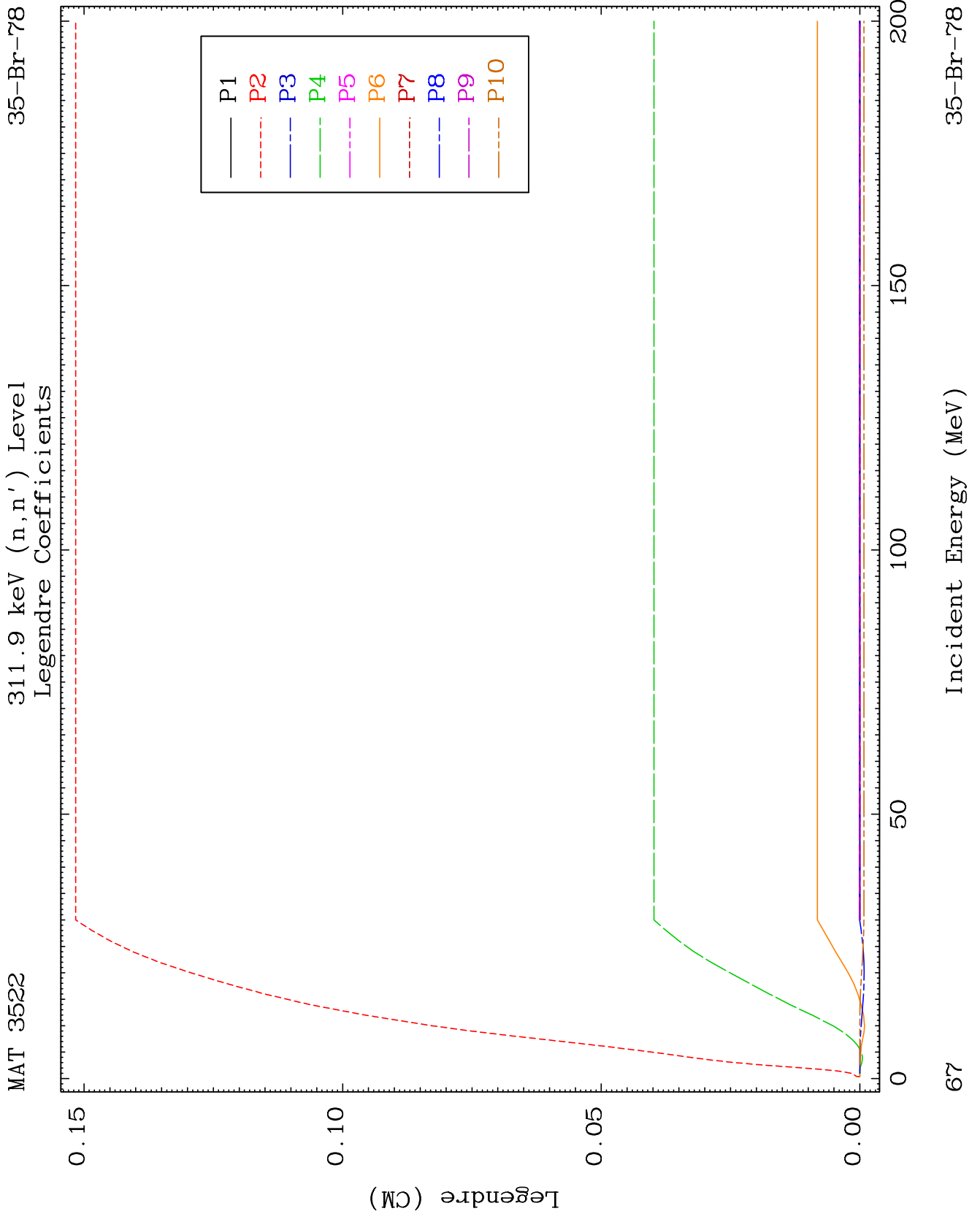
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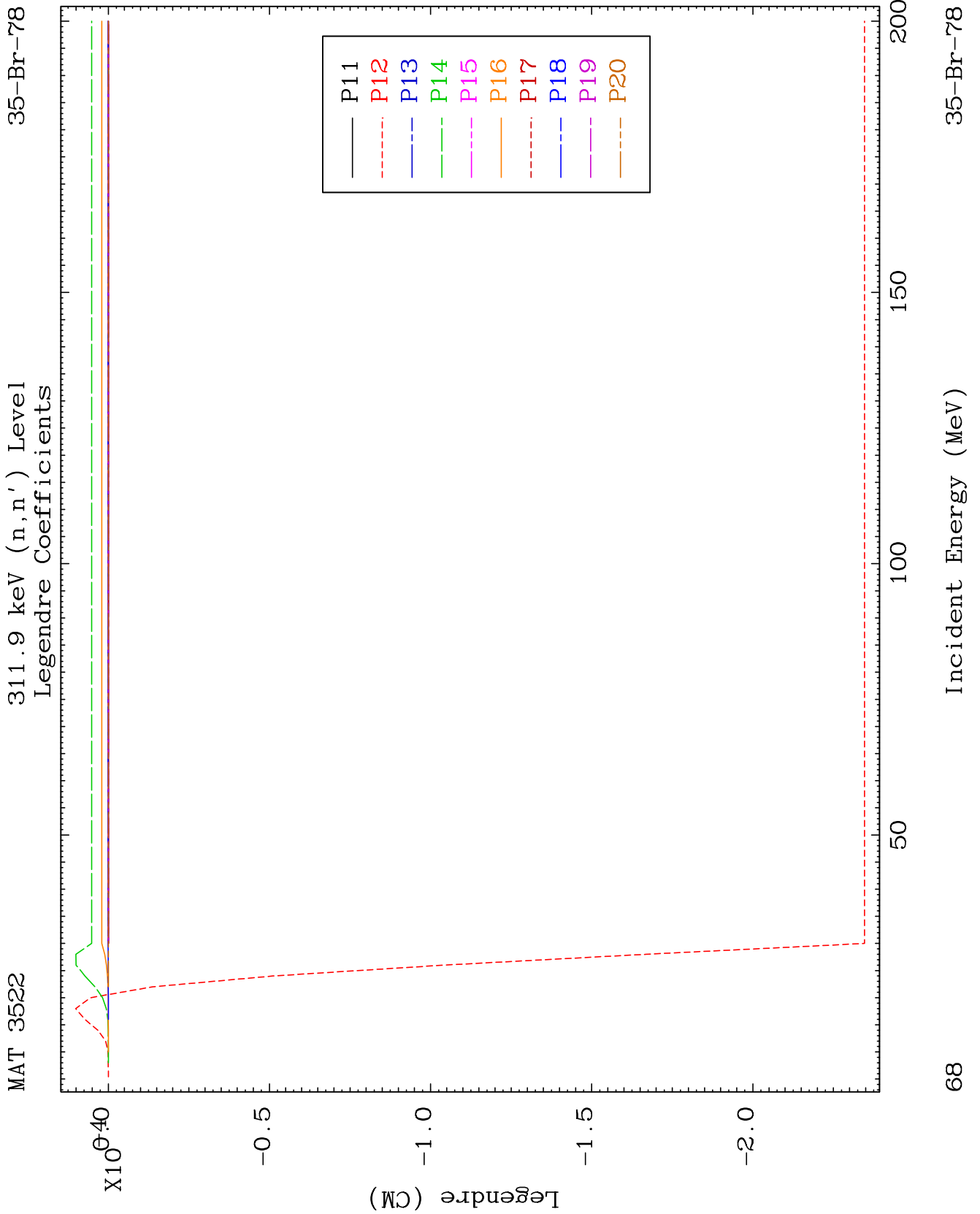
Incident Energy (MeV)

35-Br-78





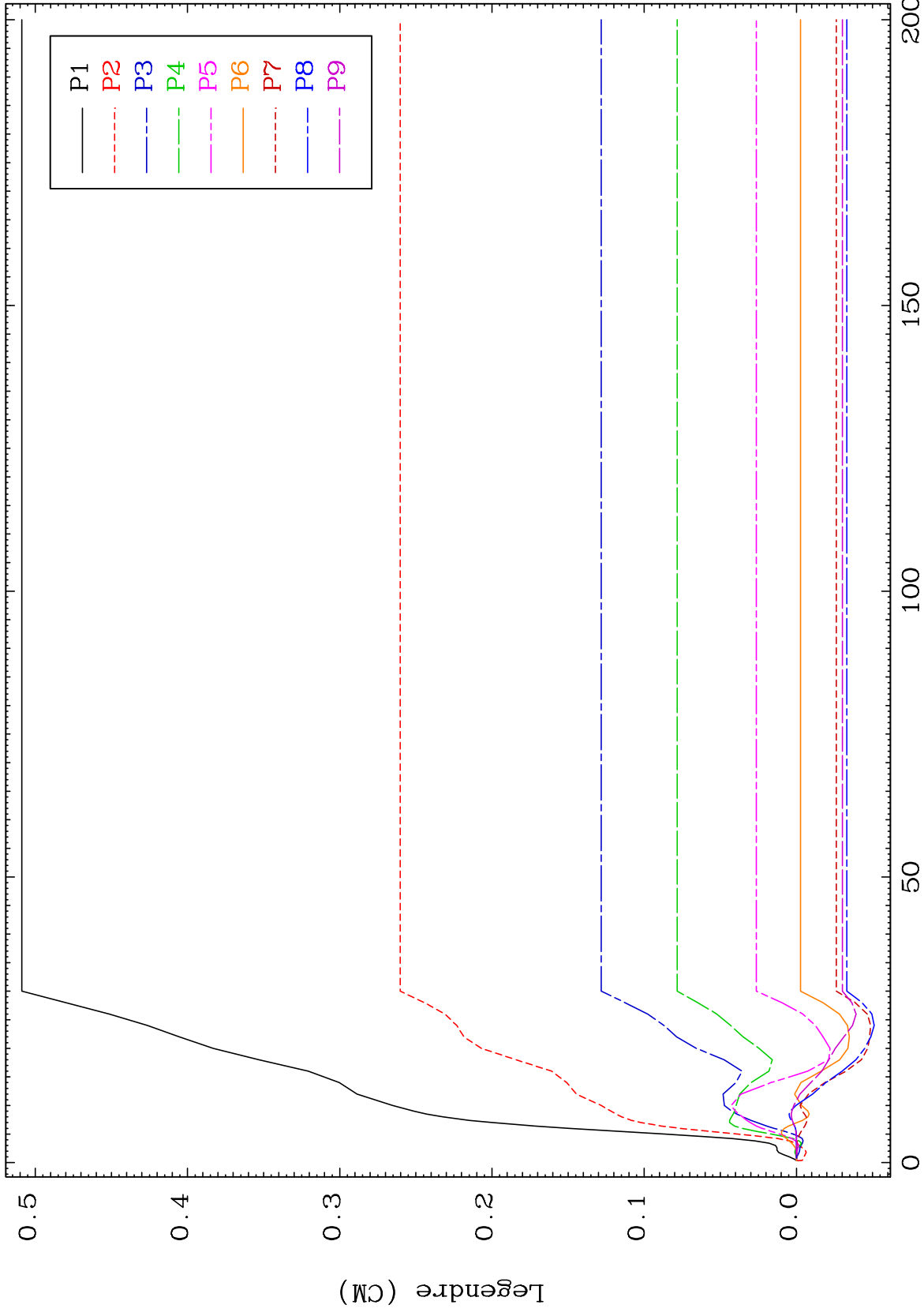




MAT 3522

329.5 keV (n,n') Level
Legendre Coefficients

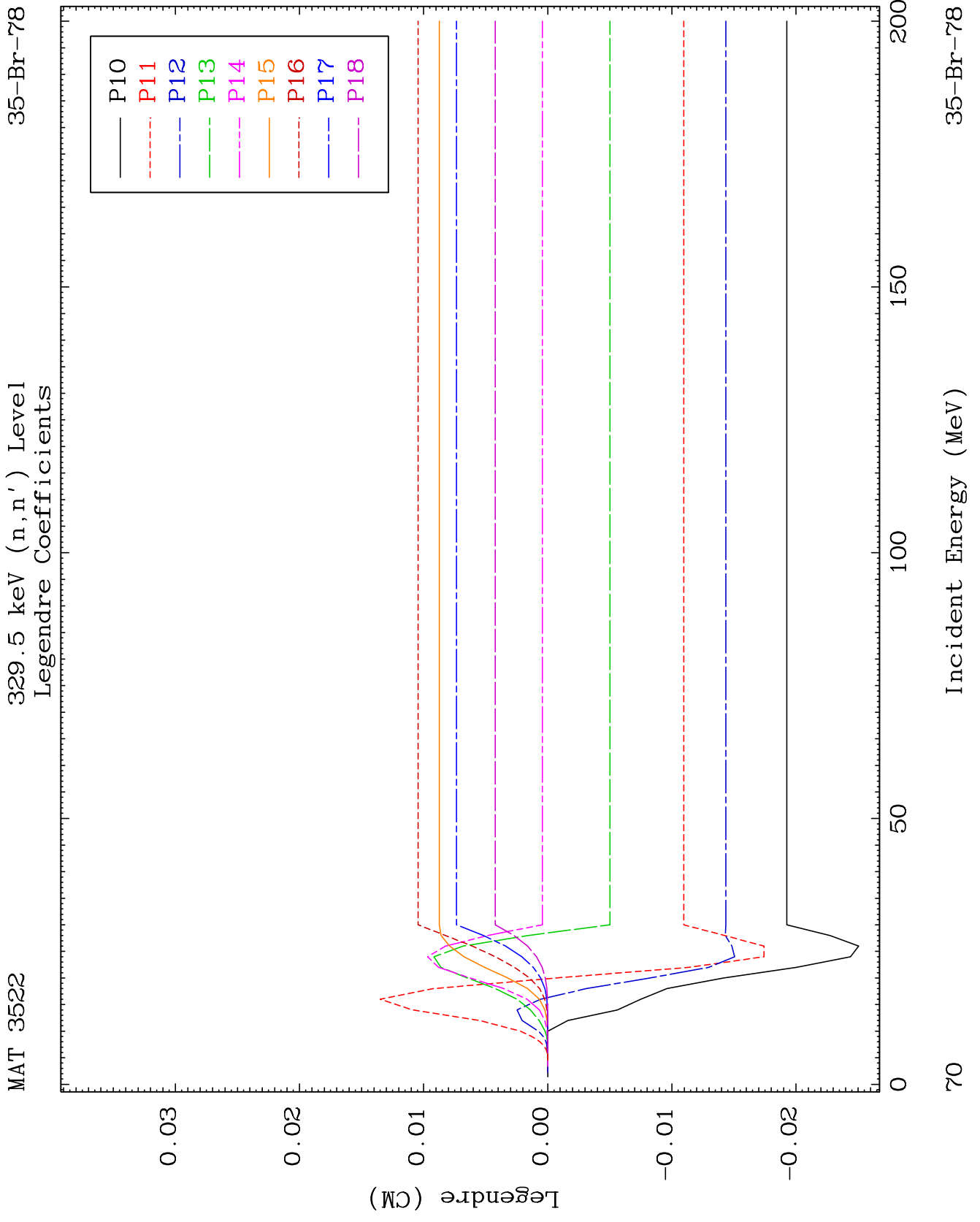
35-Br-78



69

Incident Energy (MeV)

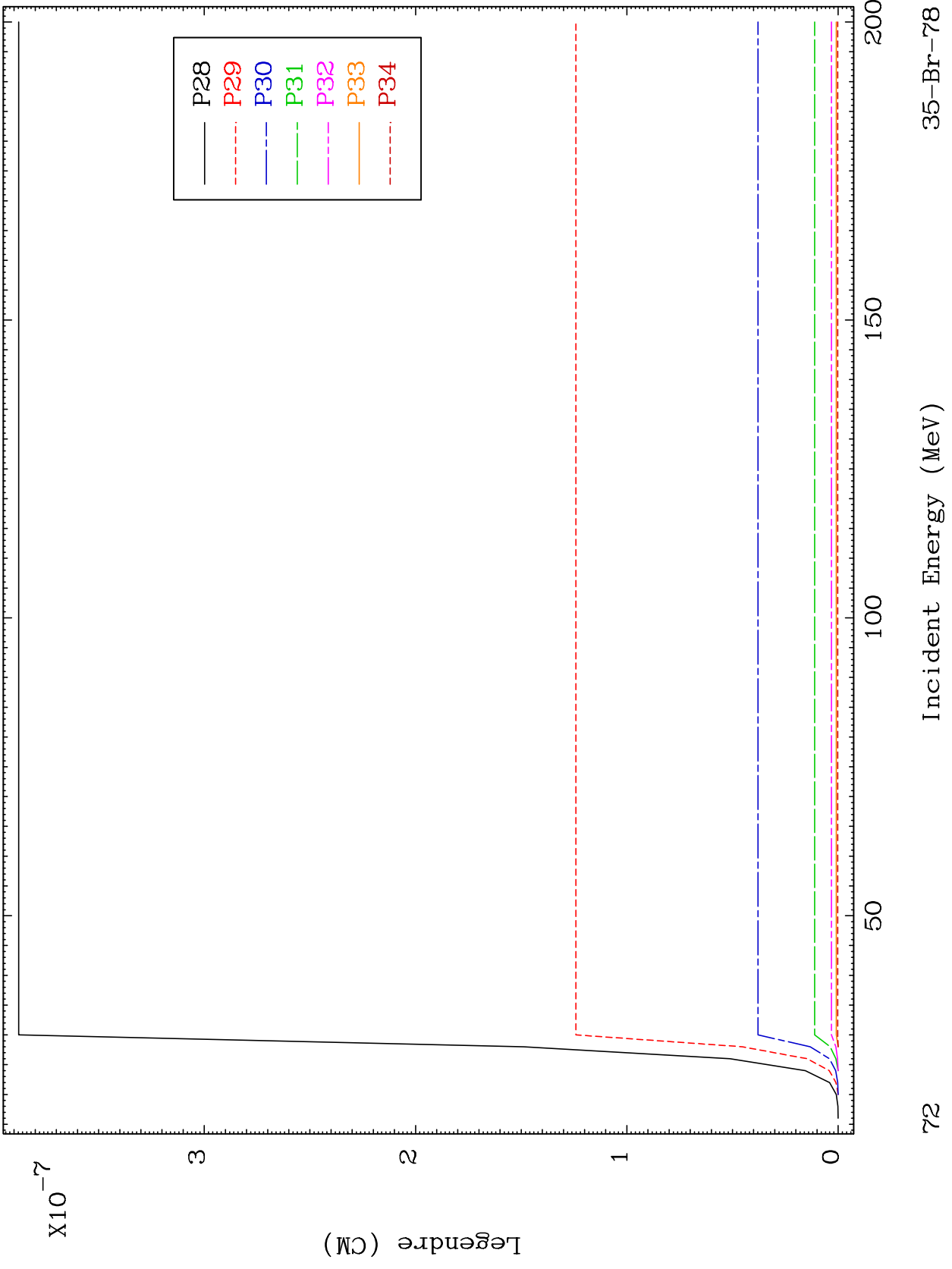
35-Br-78



MAT 3522

329.5 keV (n,n') Level
Legendre Coefficients

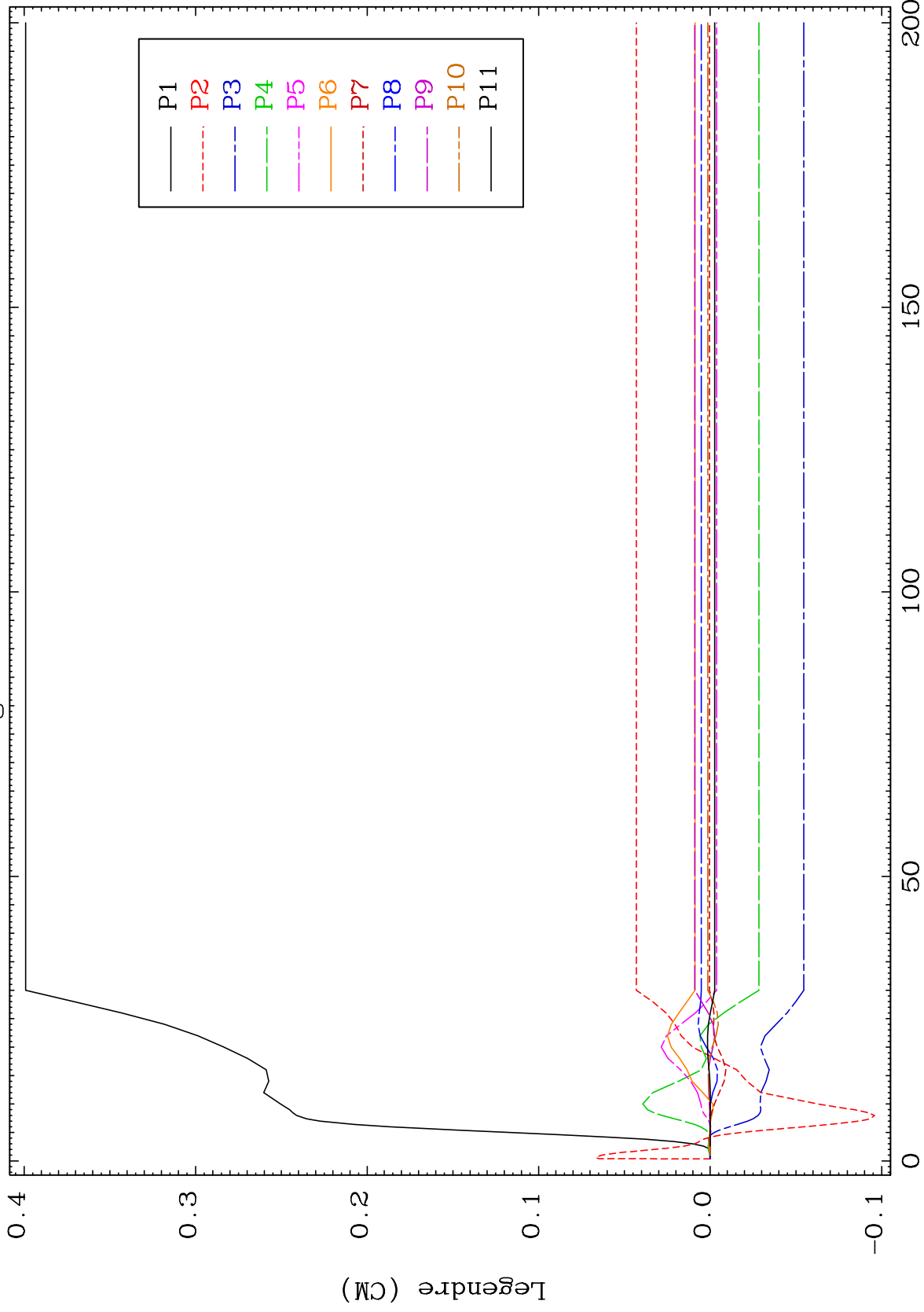
35-Br-78



MAT 3522

337.8 keV (n,n') Level
Legendre Coefficients

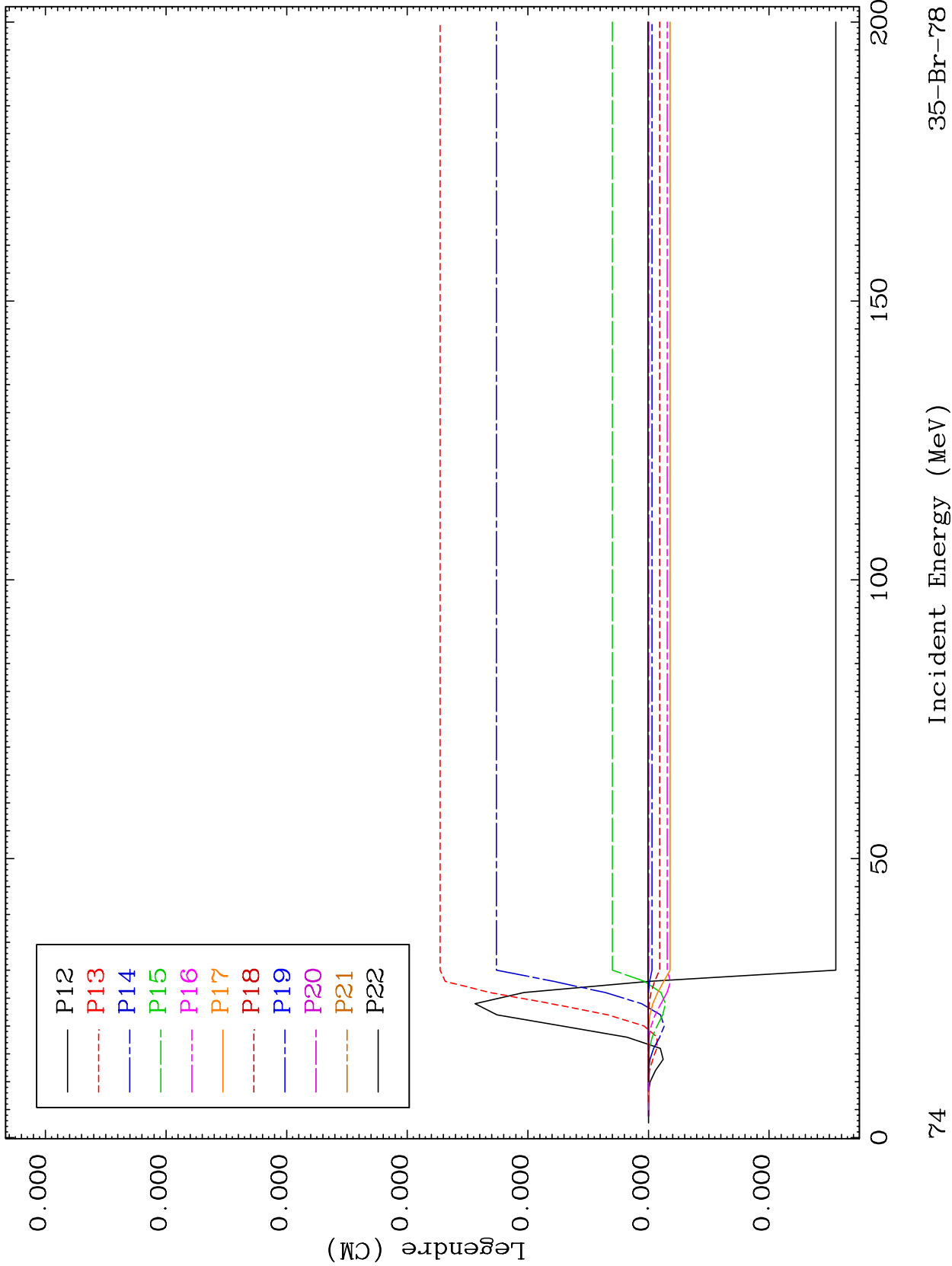
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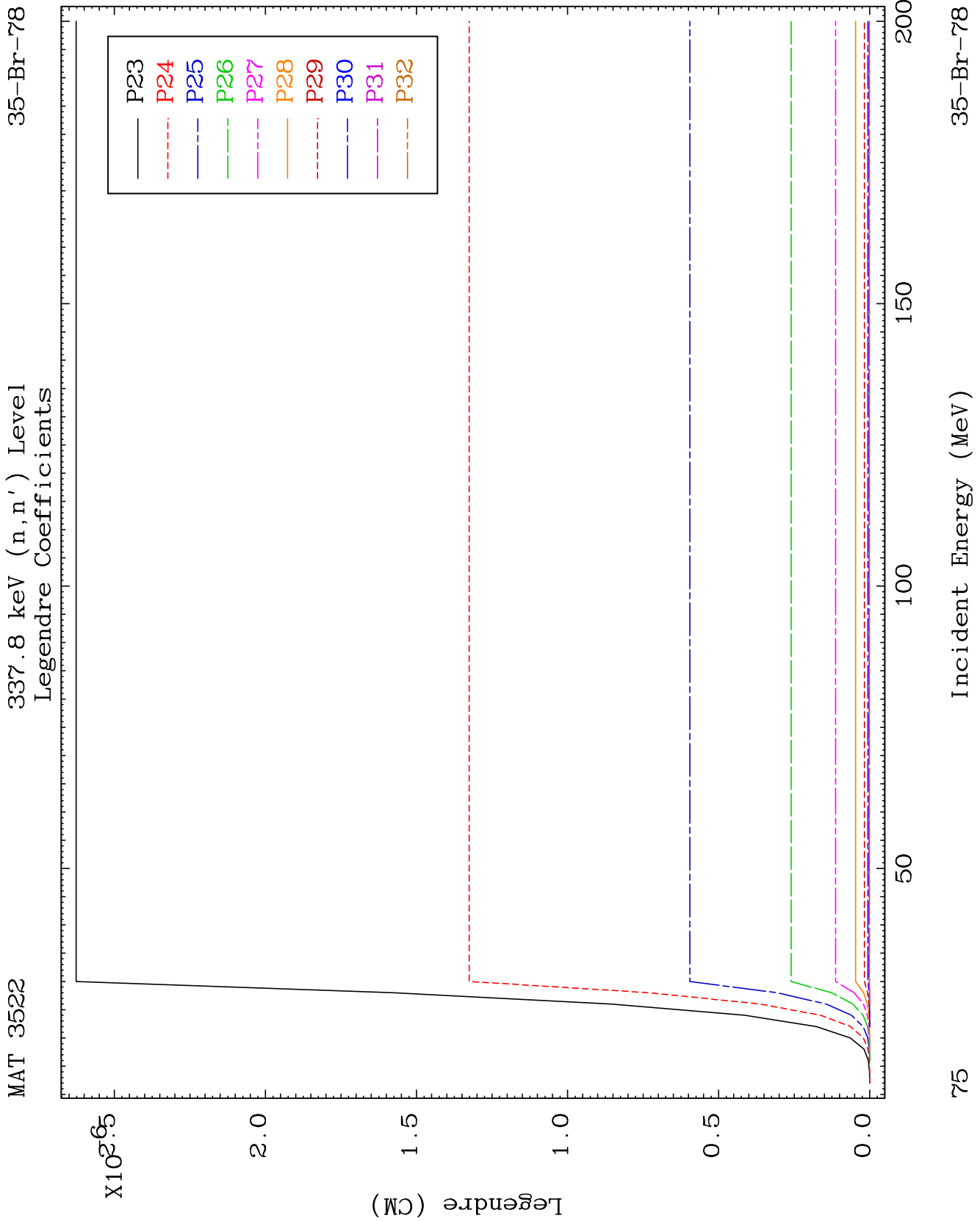


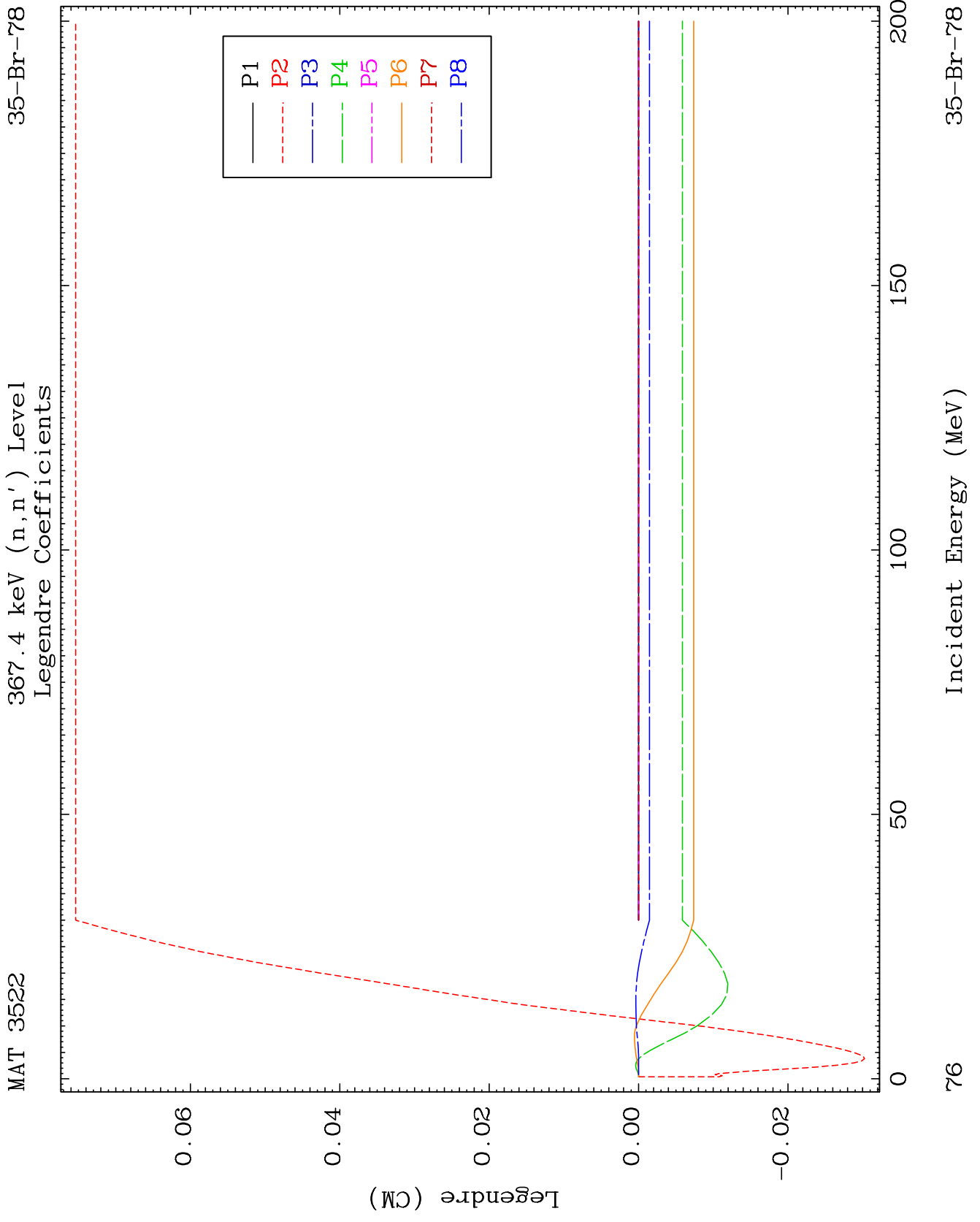
73

Incident Energy (MeV)

35-Br-78



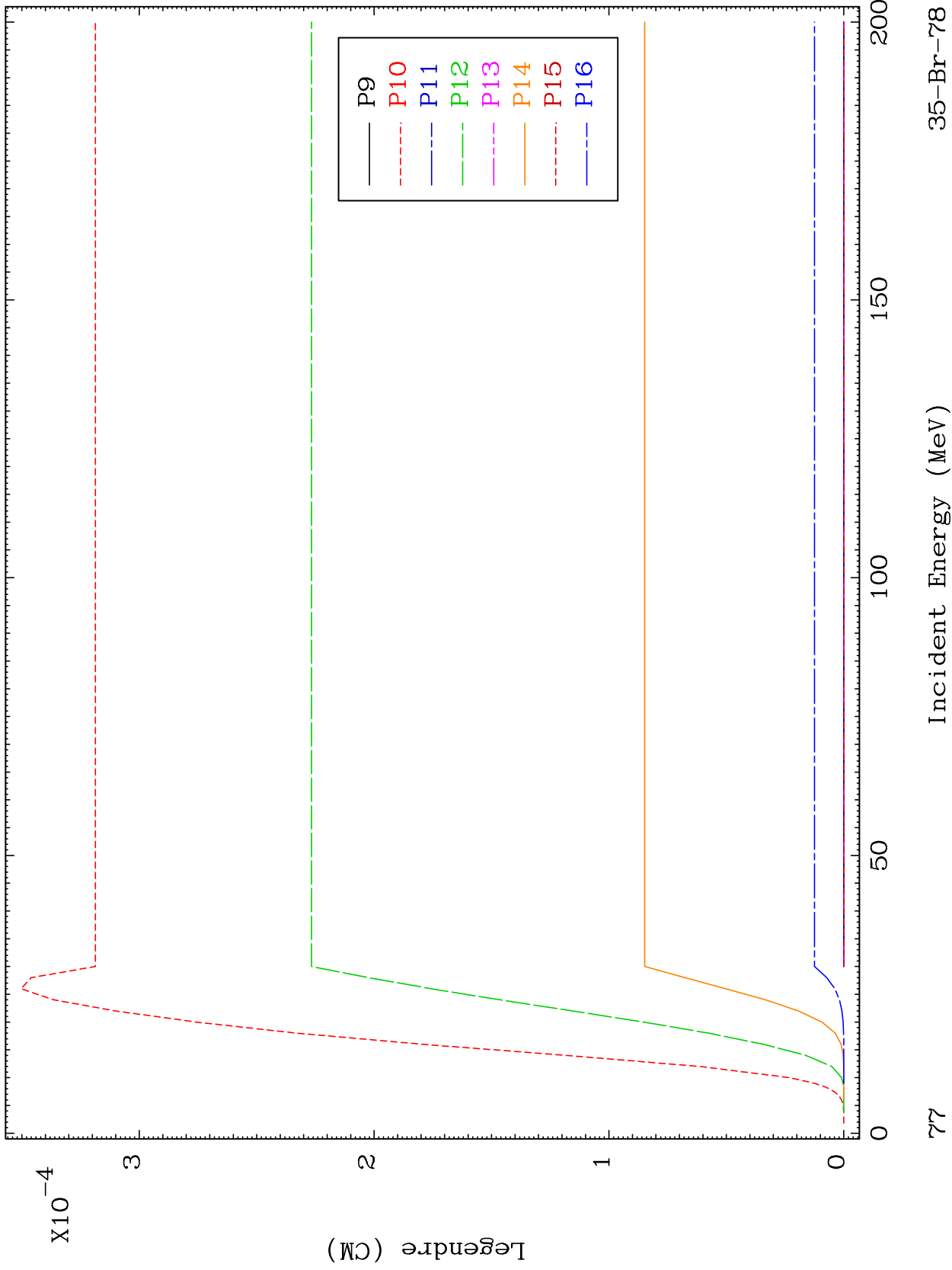




MAT 3522

367.4 keV (n,n') Level
Legendre Coefficients

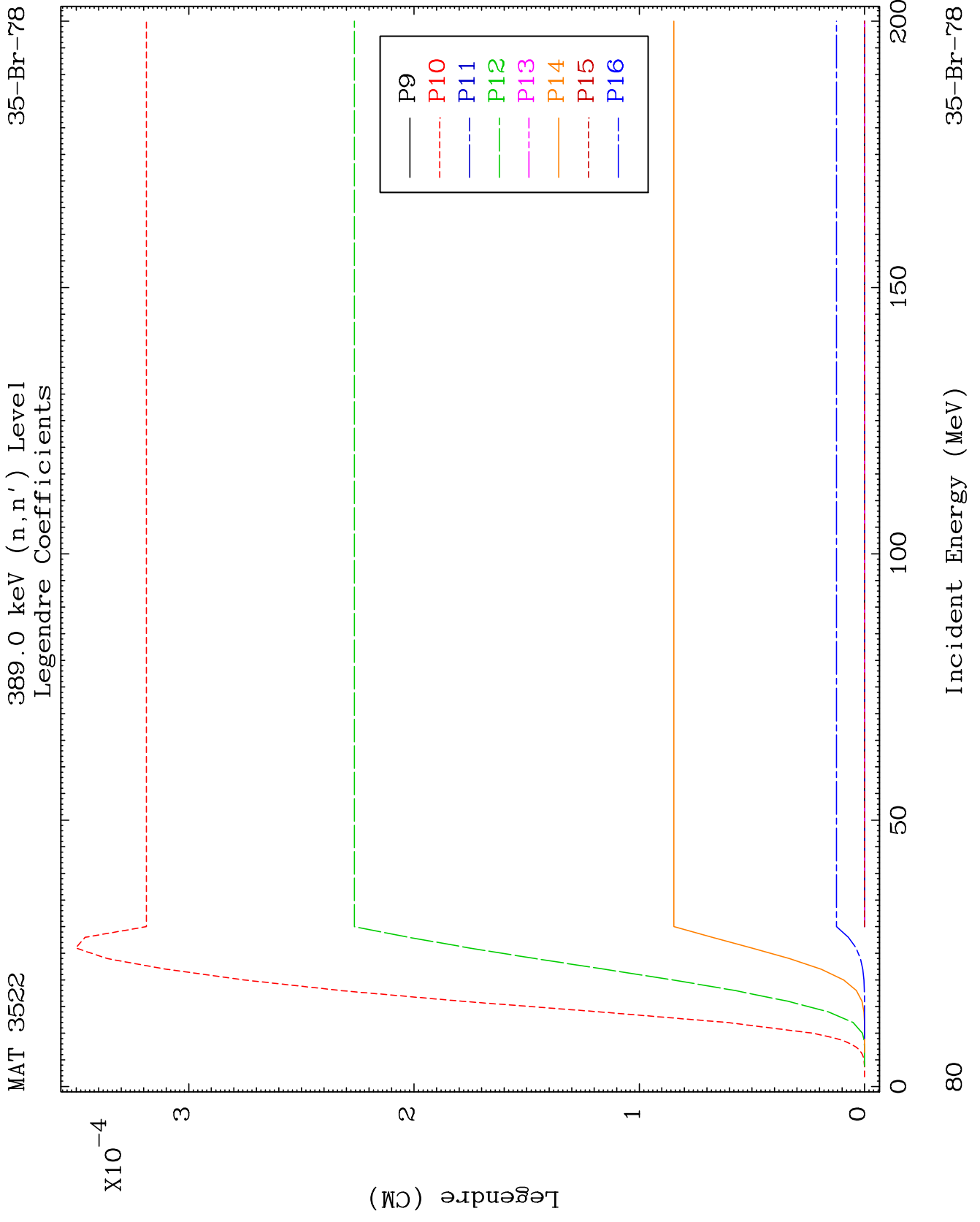
35-Br-78

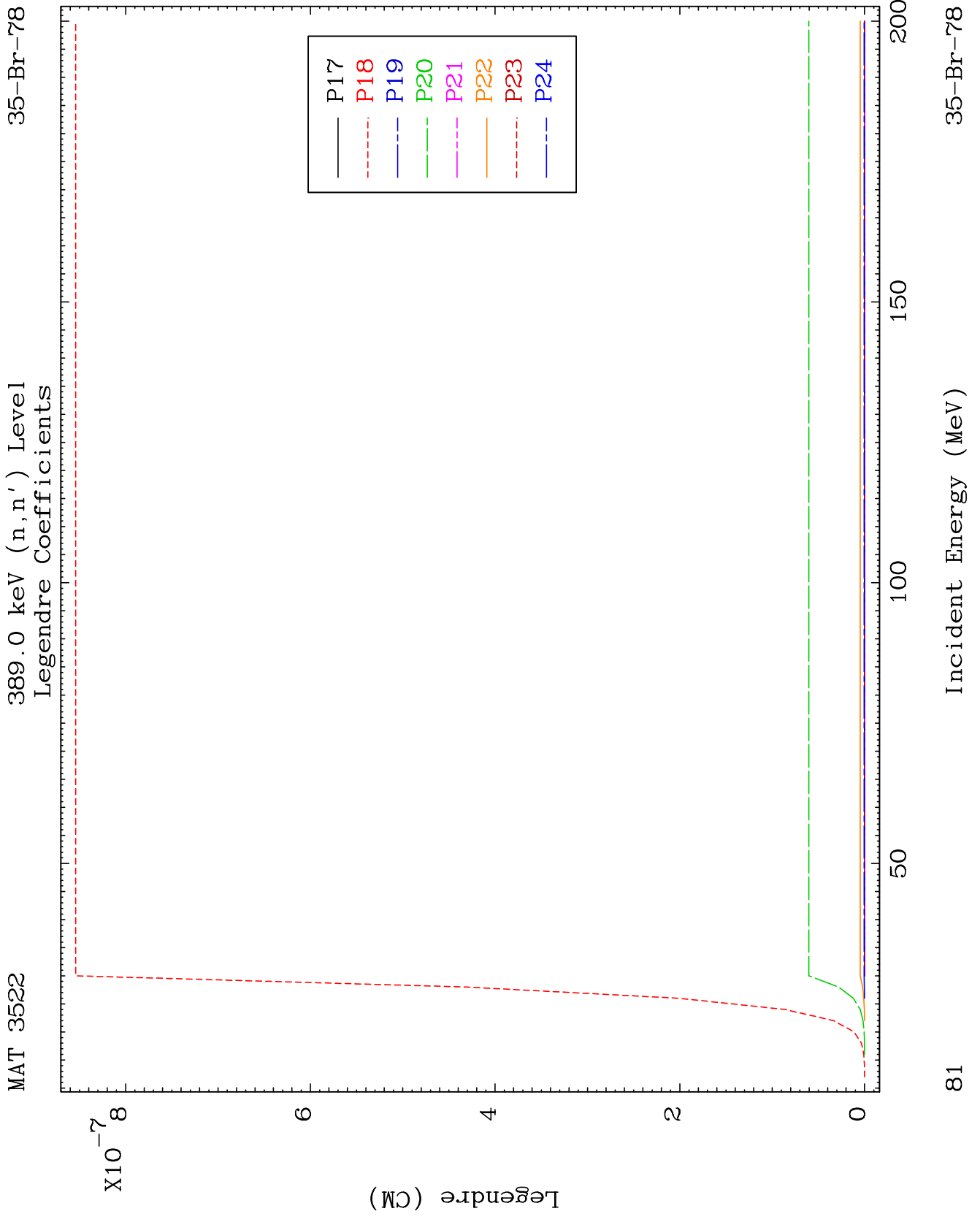


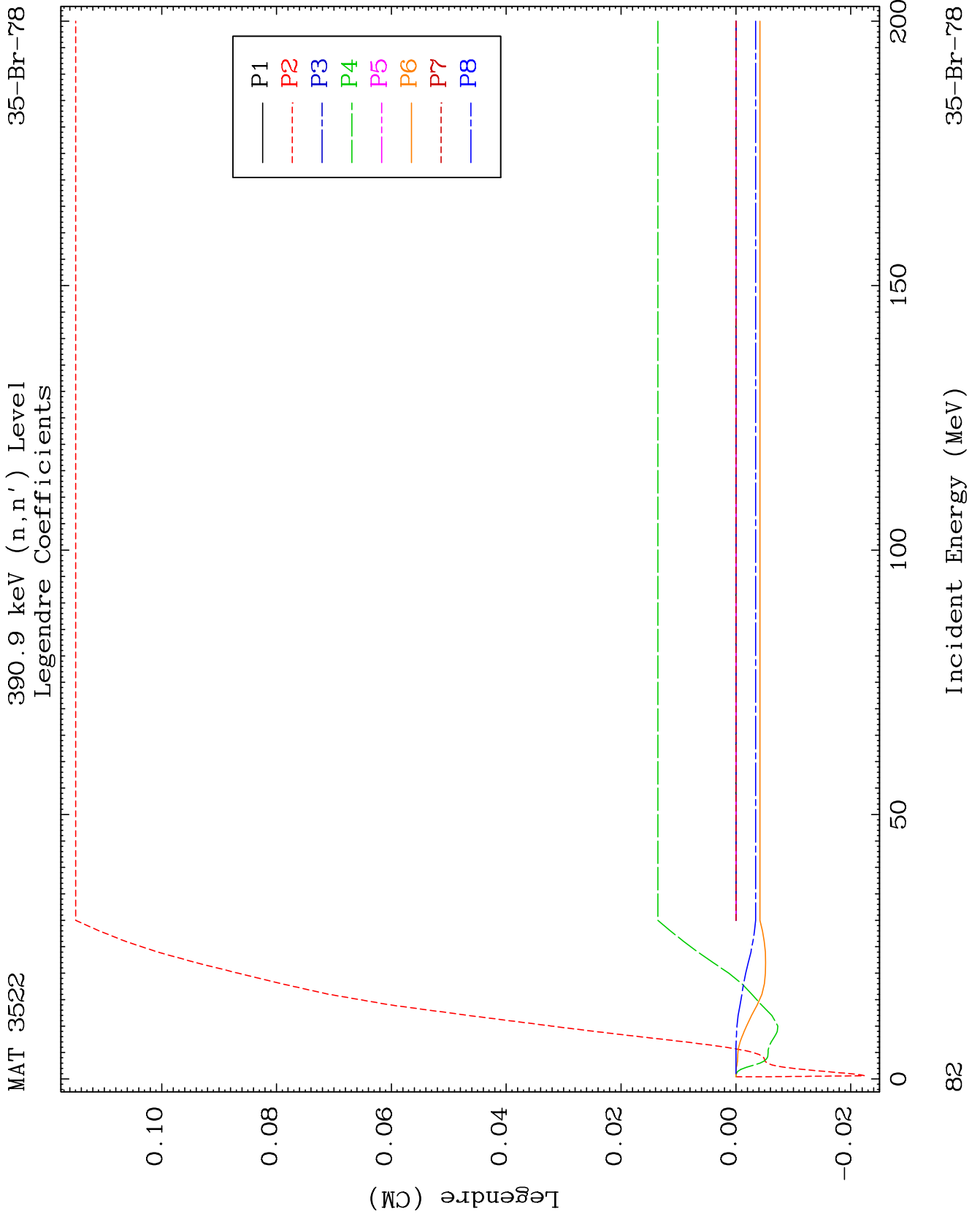
77

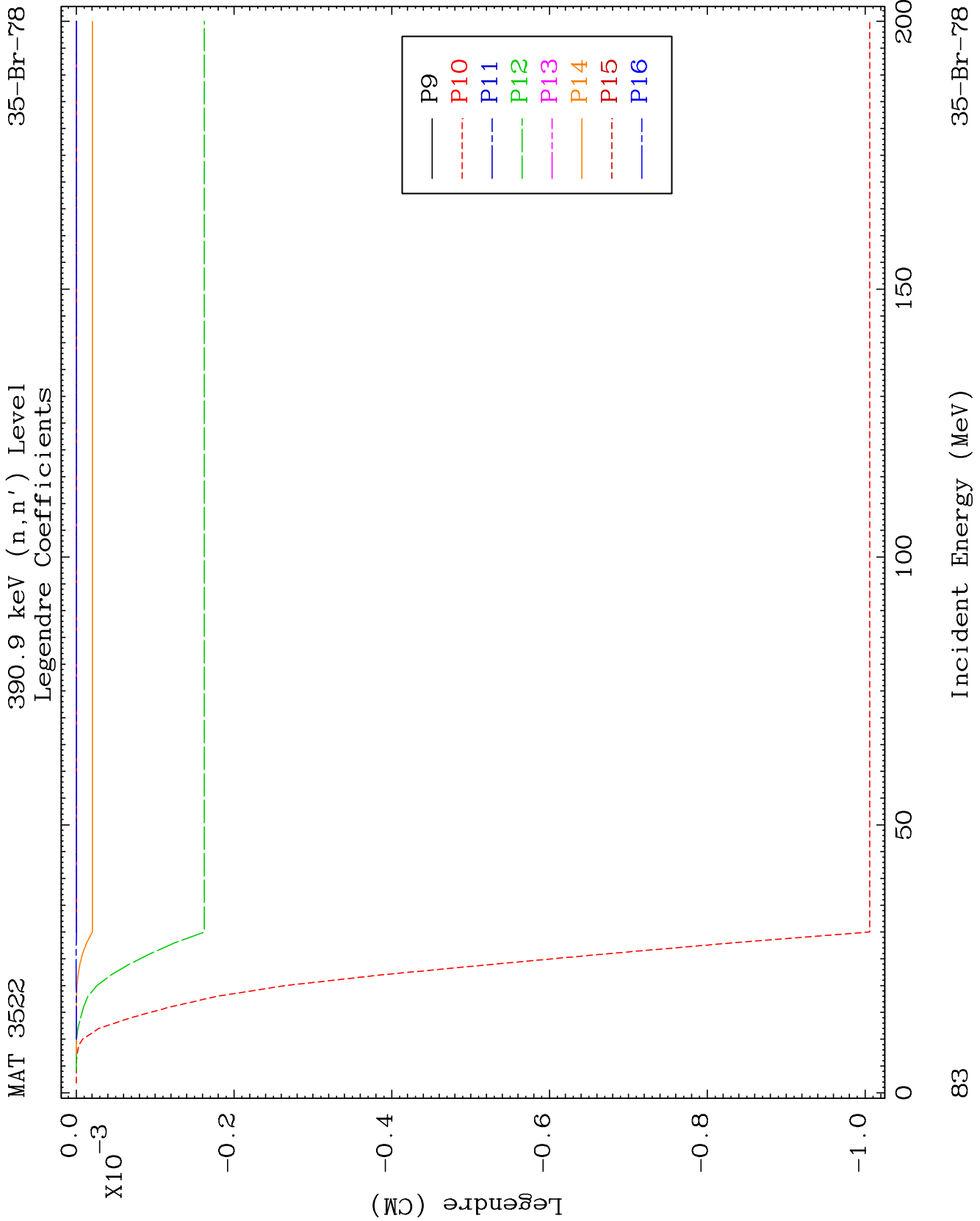
Incident Energy (MeV)

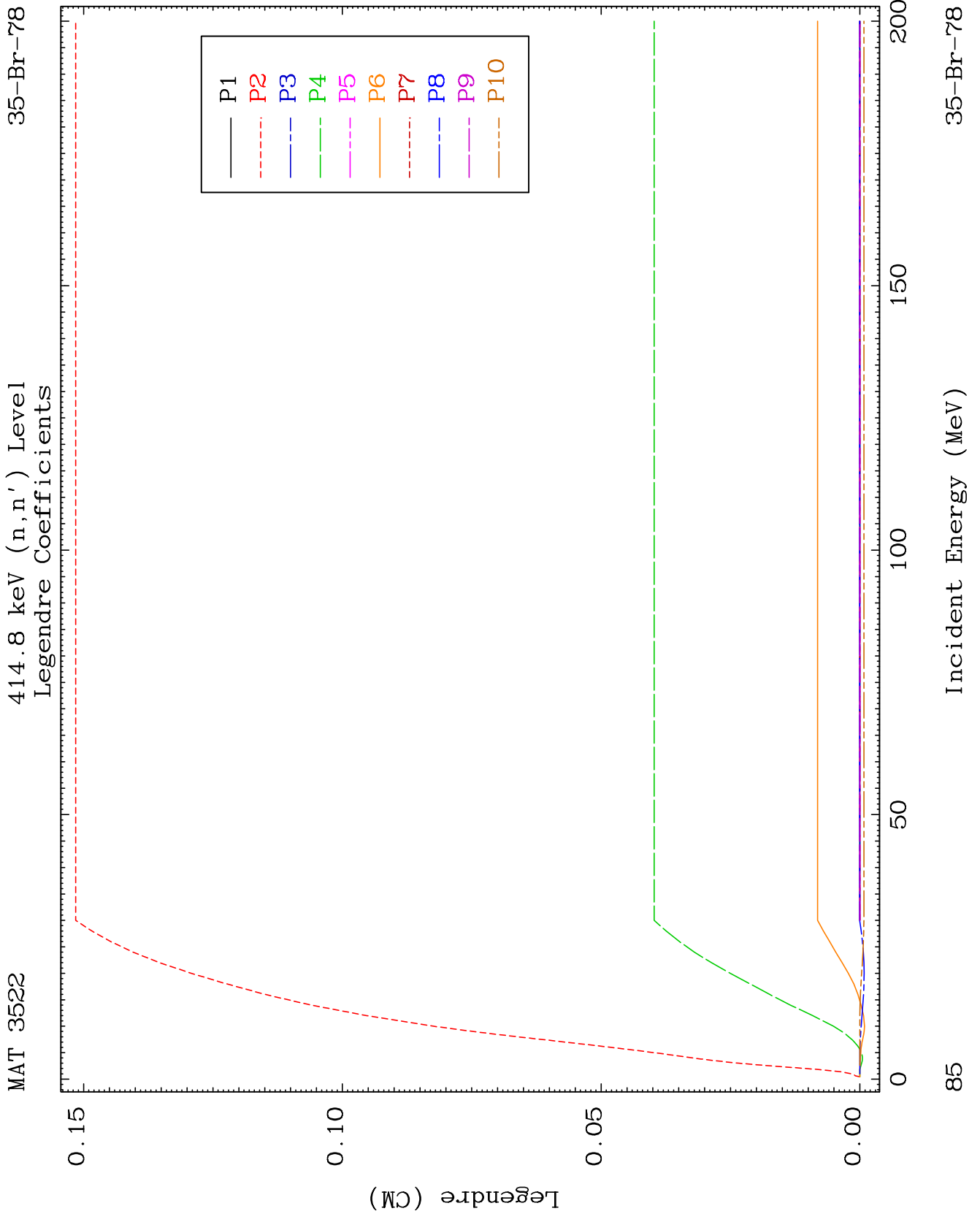
35-Br-78







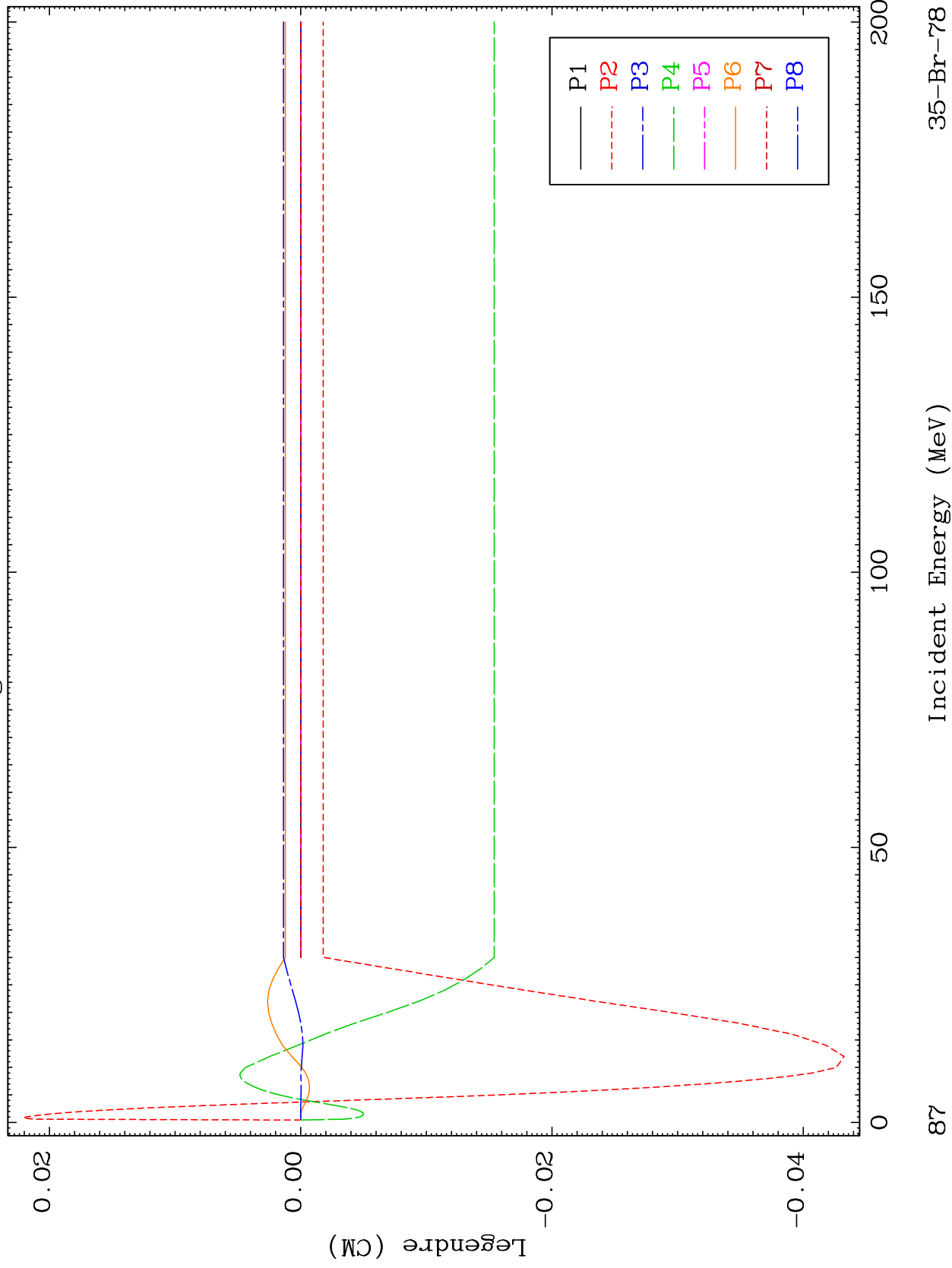




MAT 3522

423.4 keV (n,n') Level
Legendre Coefficients

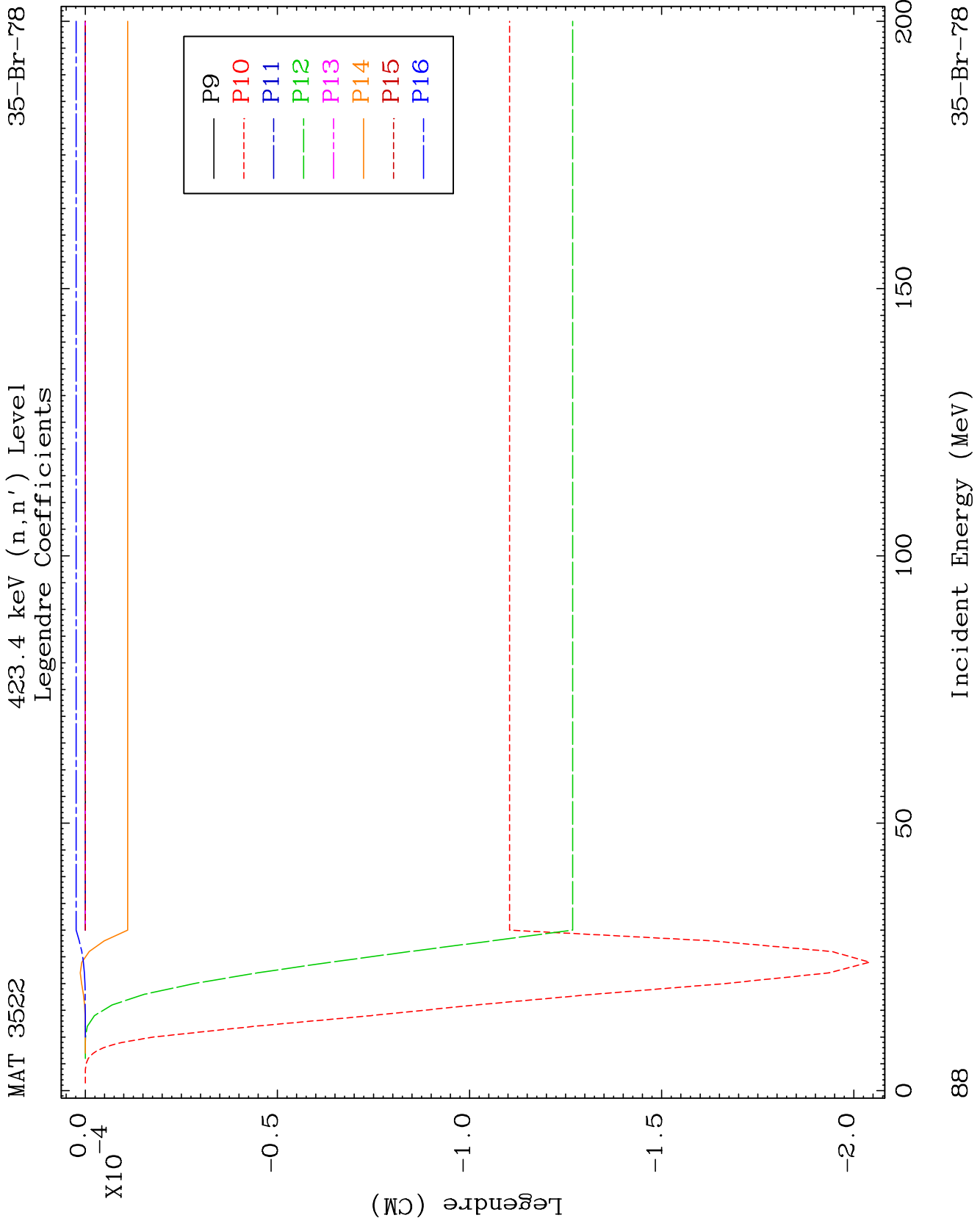
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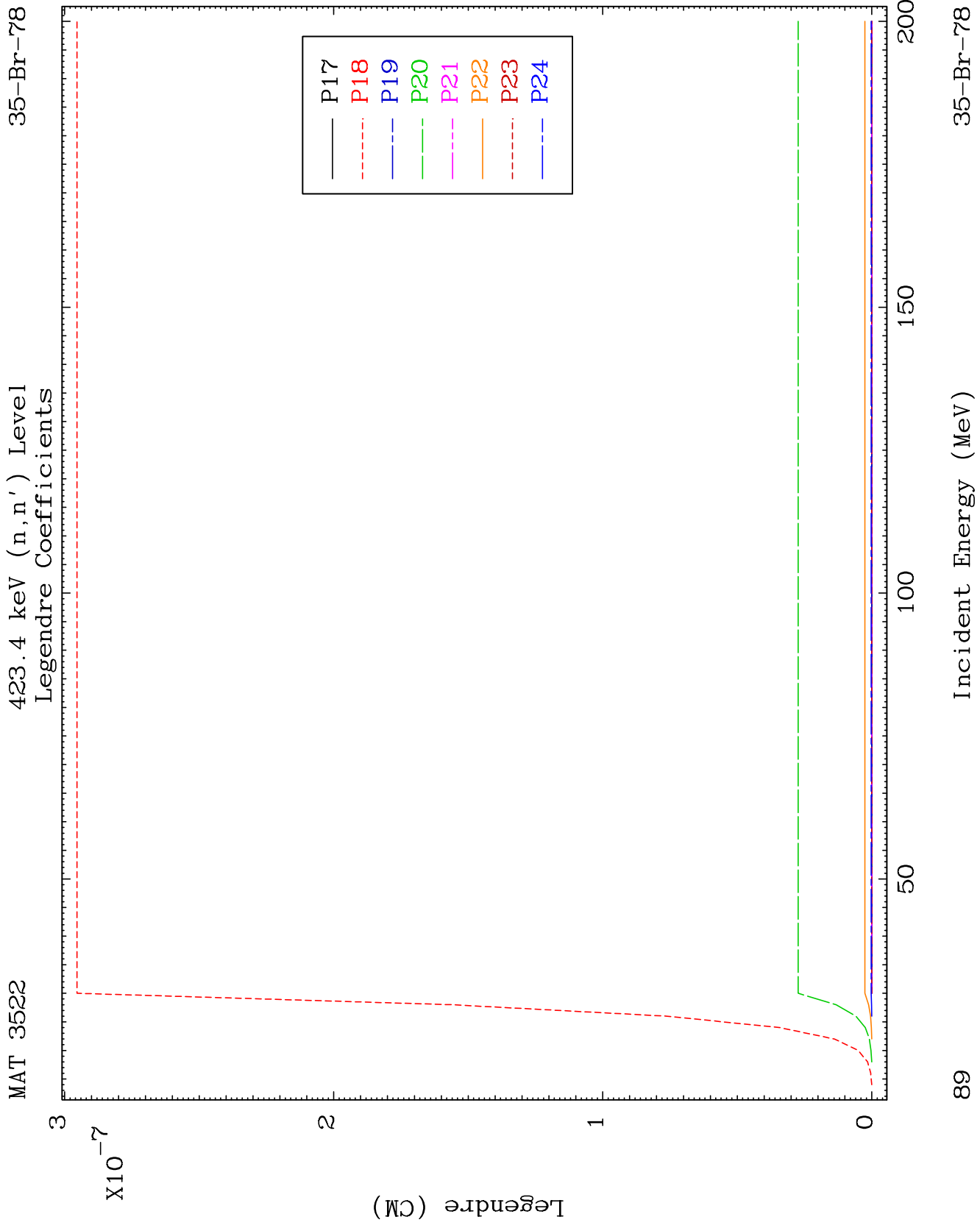


87

Incident Energy (MeV)

35-Br-78

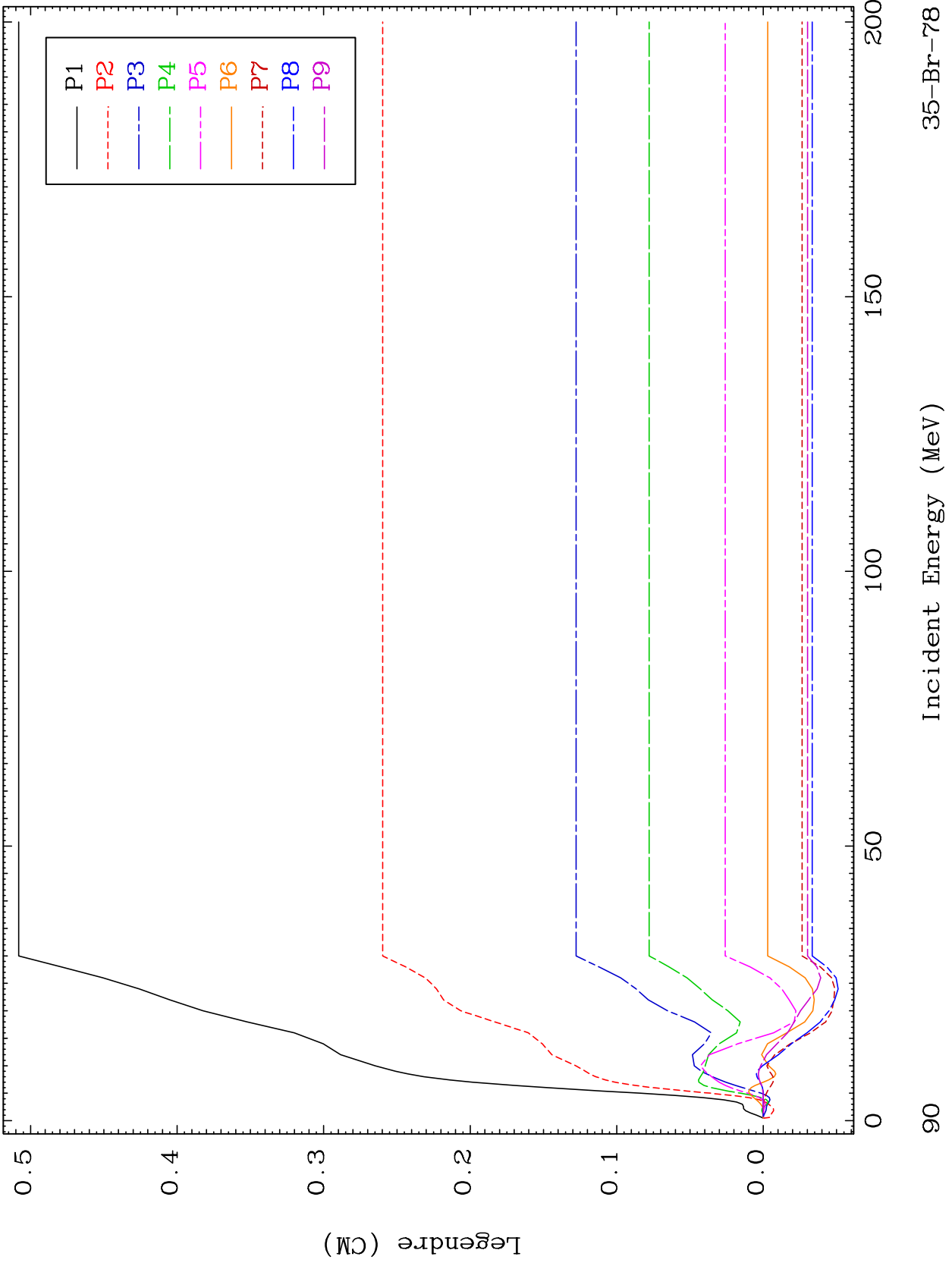




MAT 3522

433.5 keV (n,n') Level
Legendre Coefficients

35-Br-78



90

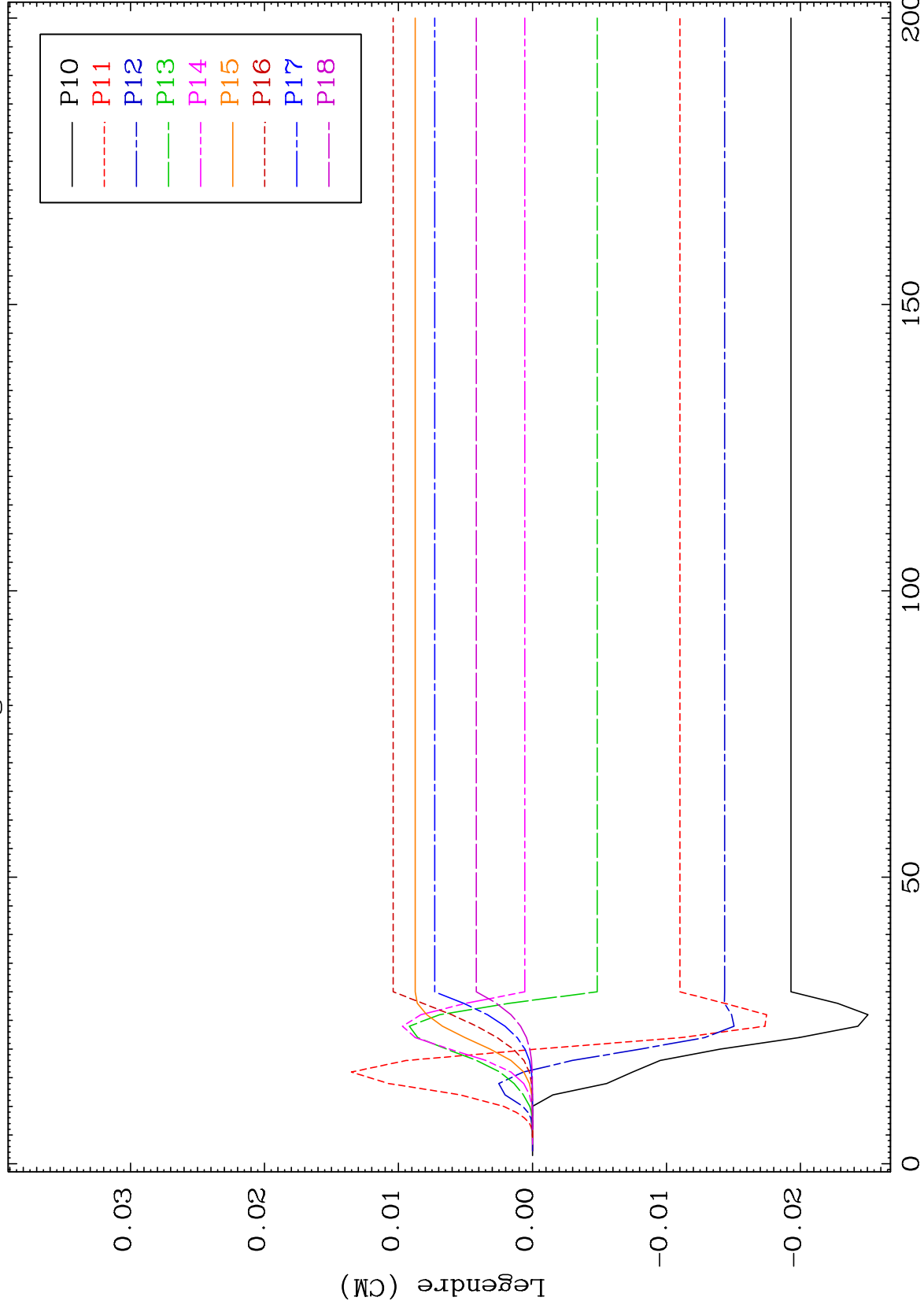
Incident Energy (MeV)

35-Br-78

MAT 3522

433.5 keV (n,n') Level
Legendre Coefficients

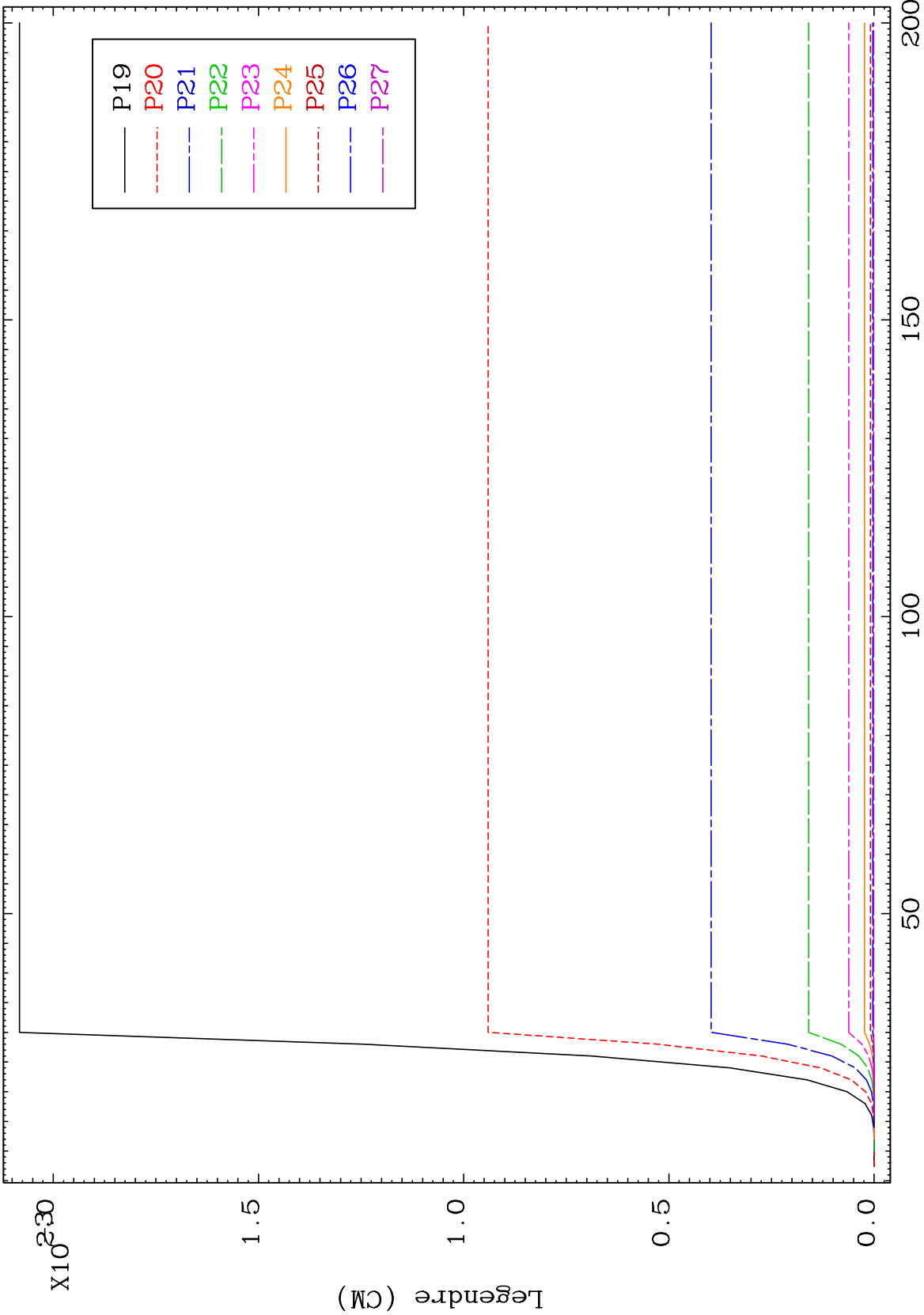
35-Br-78



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Incident Energy (MeV)

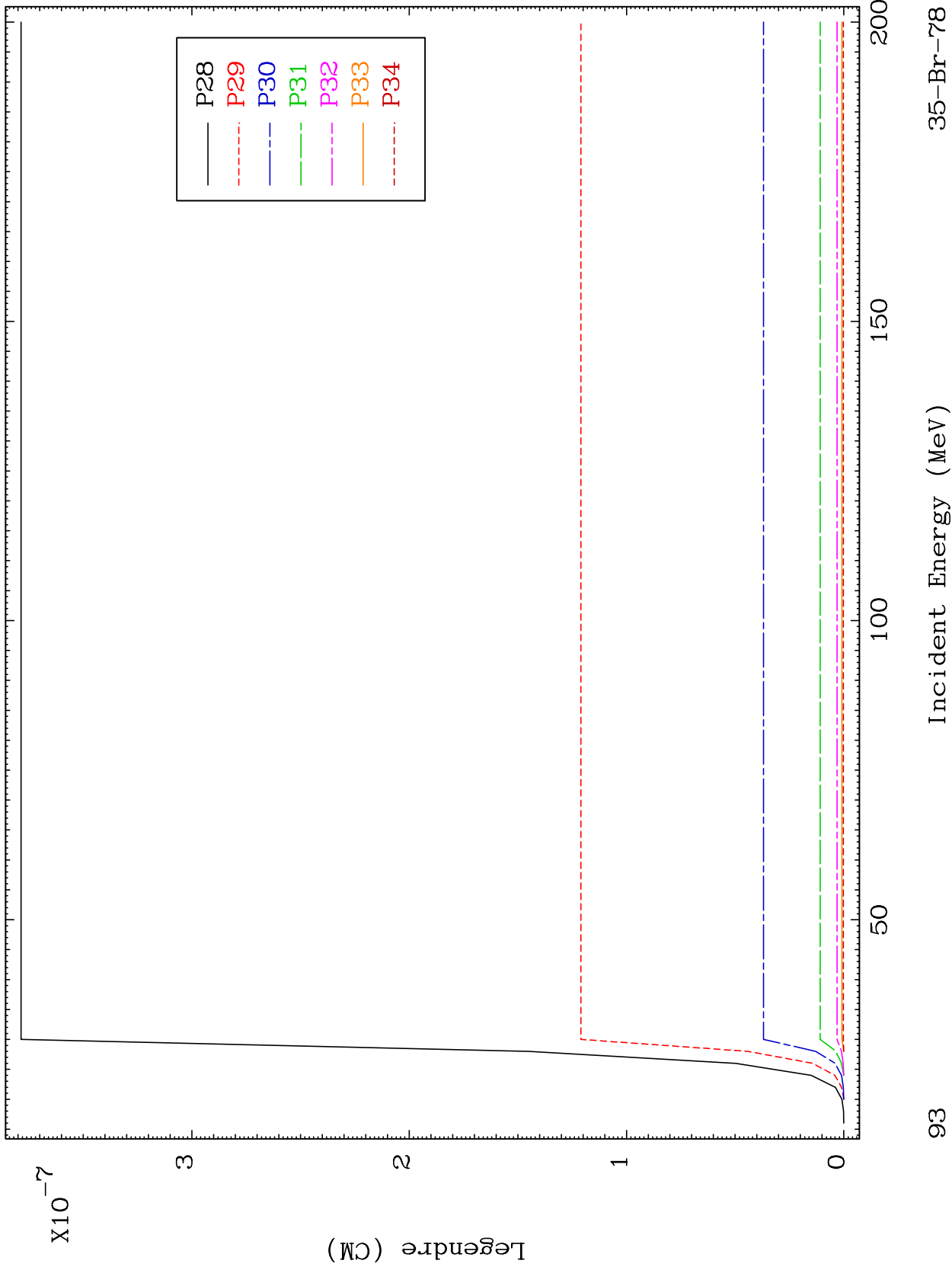
35-Br-78

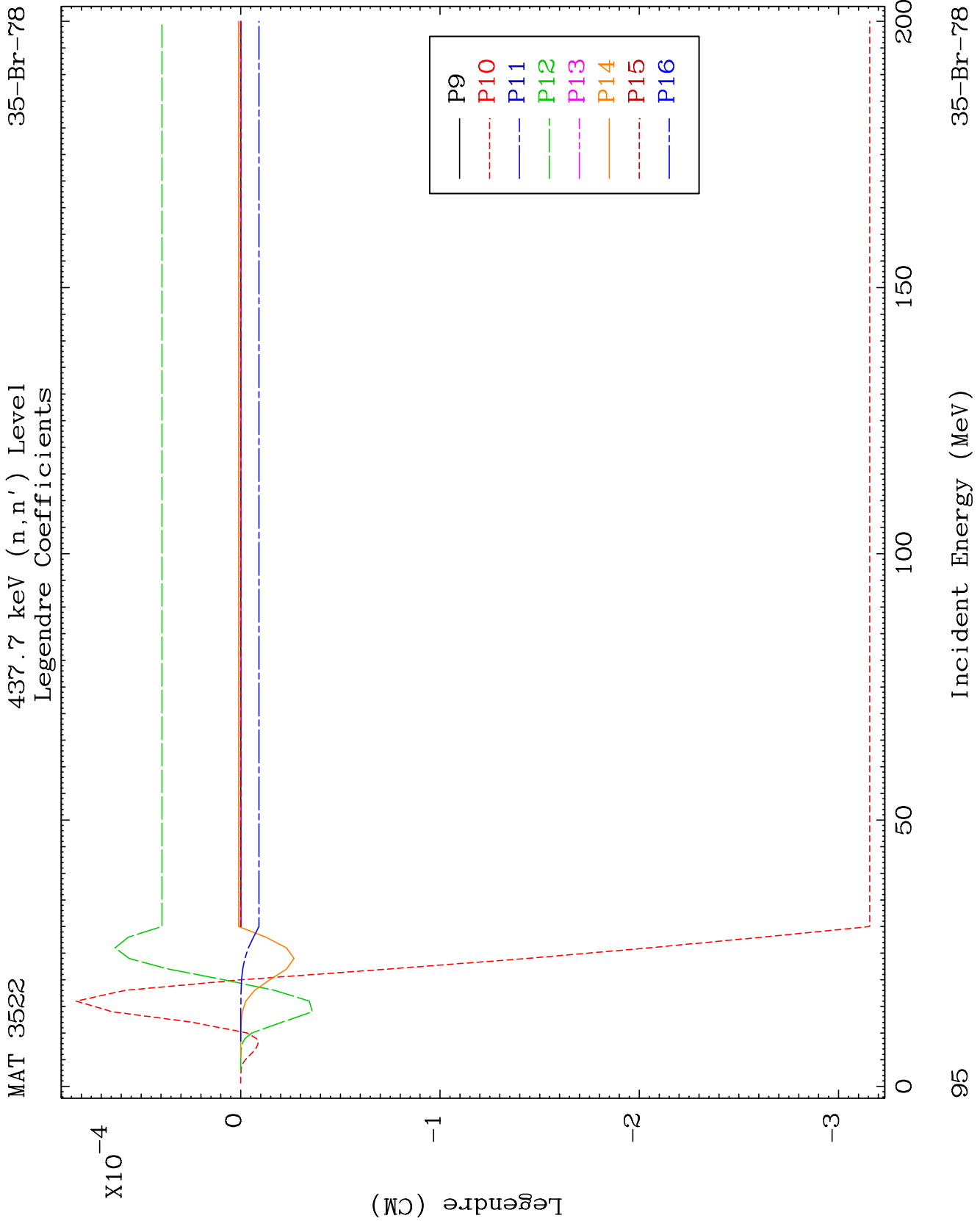


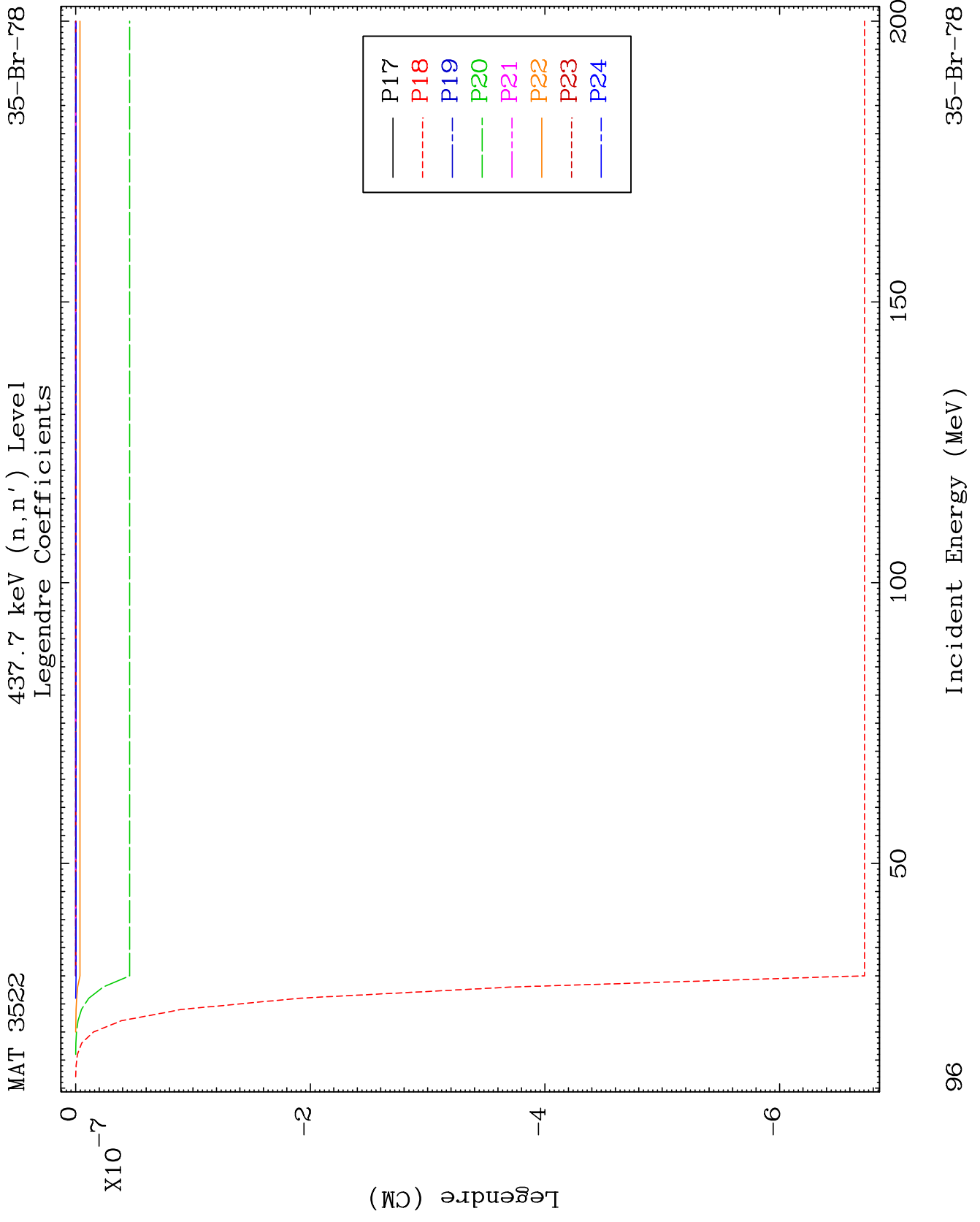
MAT 3522

433.5 keV (n,n') Level
Legendre Coefficients

35-Br-78



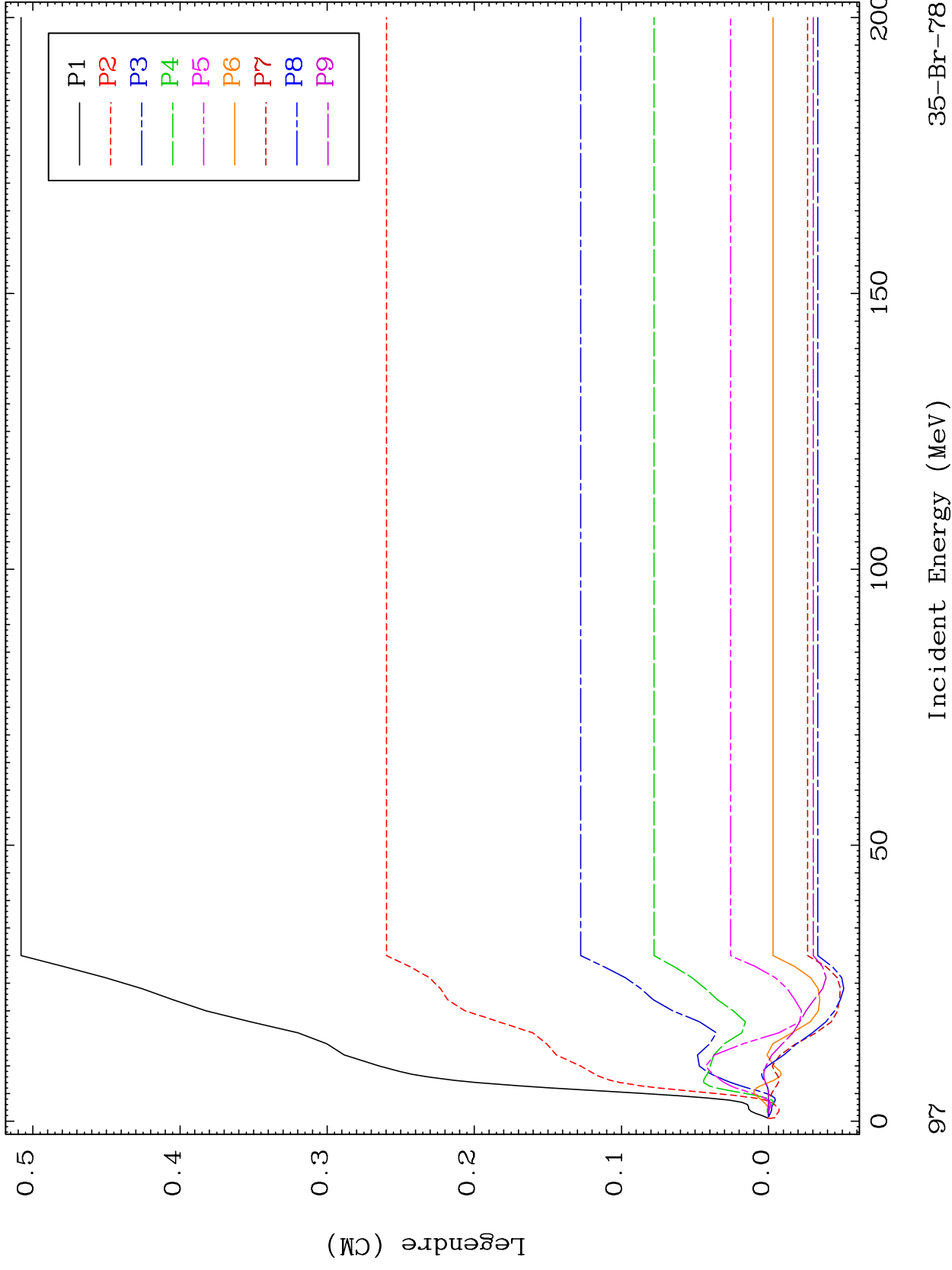




MAT 3522

447.0 keV (n,n') Level
Legendre Coefficients

35-Br-78



97

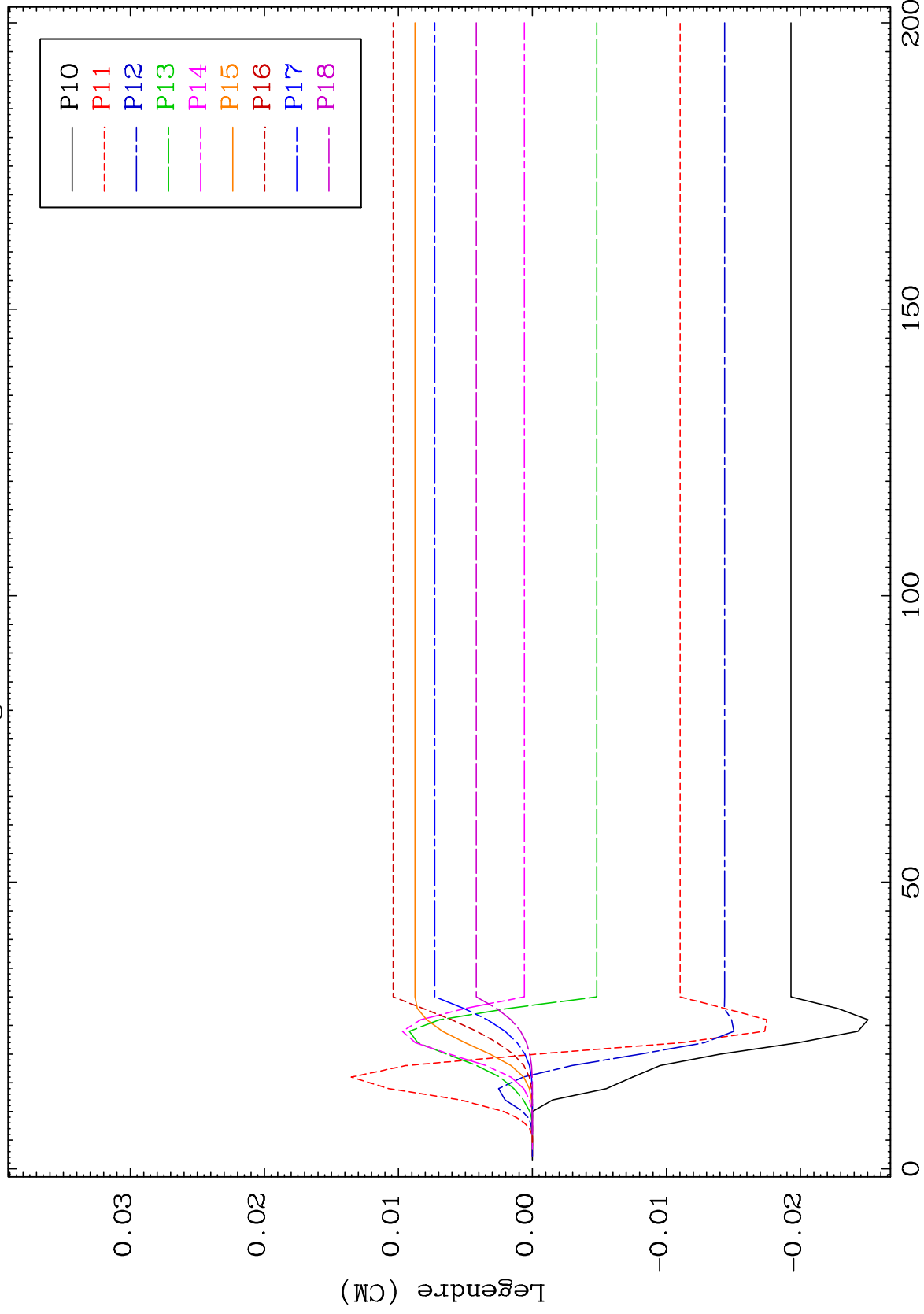
Incident Energy (MeV)

35-Br-78

MAT 3522

447.0 keV (n,n') Level
Legendre Coefficients

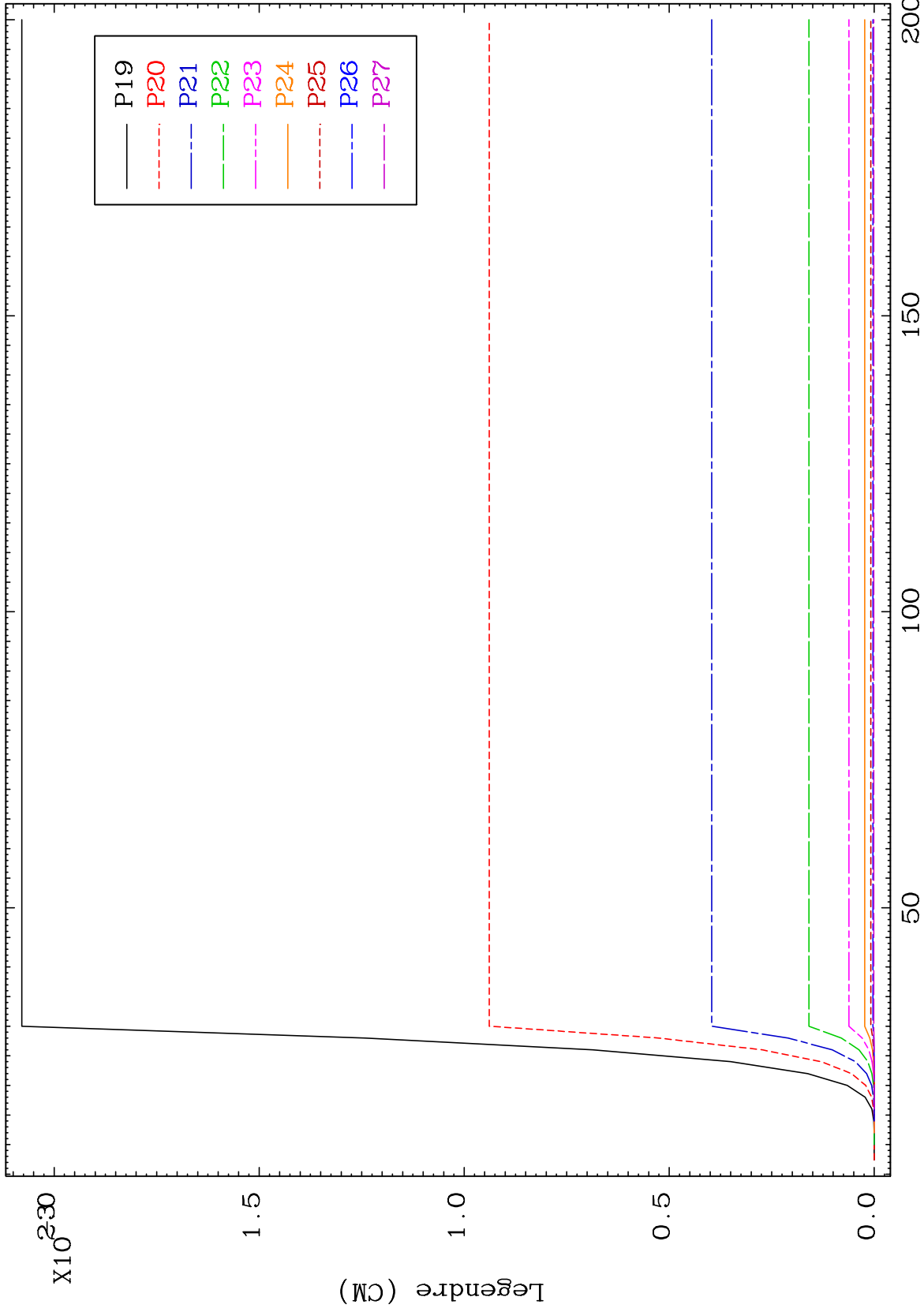
35-Br-78



98

Incident Energy (MeV)

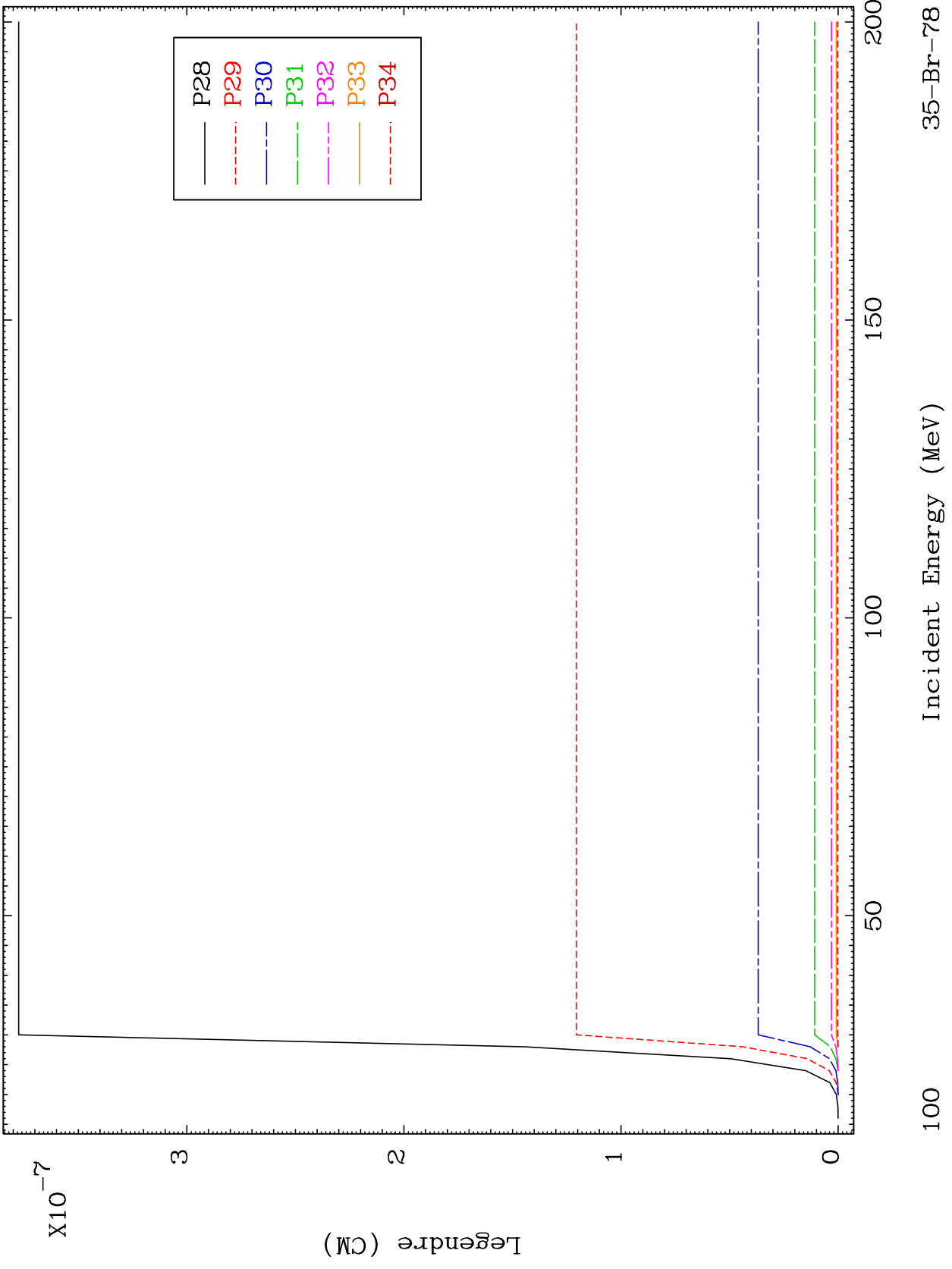
35-Br-78



MAT 3522

447.0 keV (n,n') Level
Legendre Coefficients

35-Br-78



35-Br-78

Incident Energy (MeV)

100

50

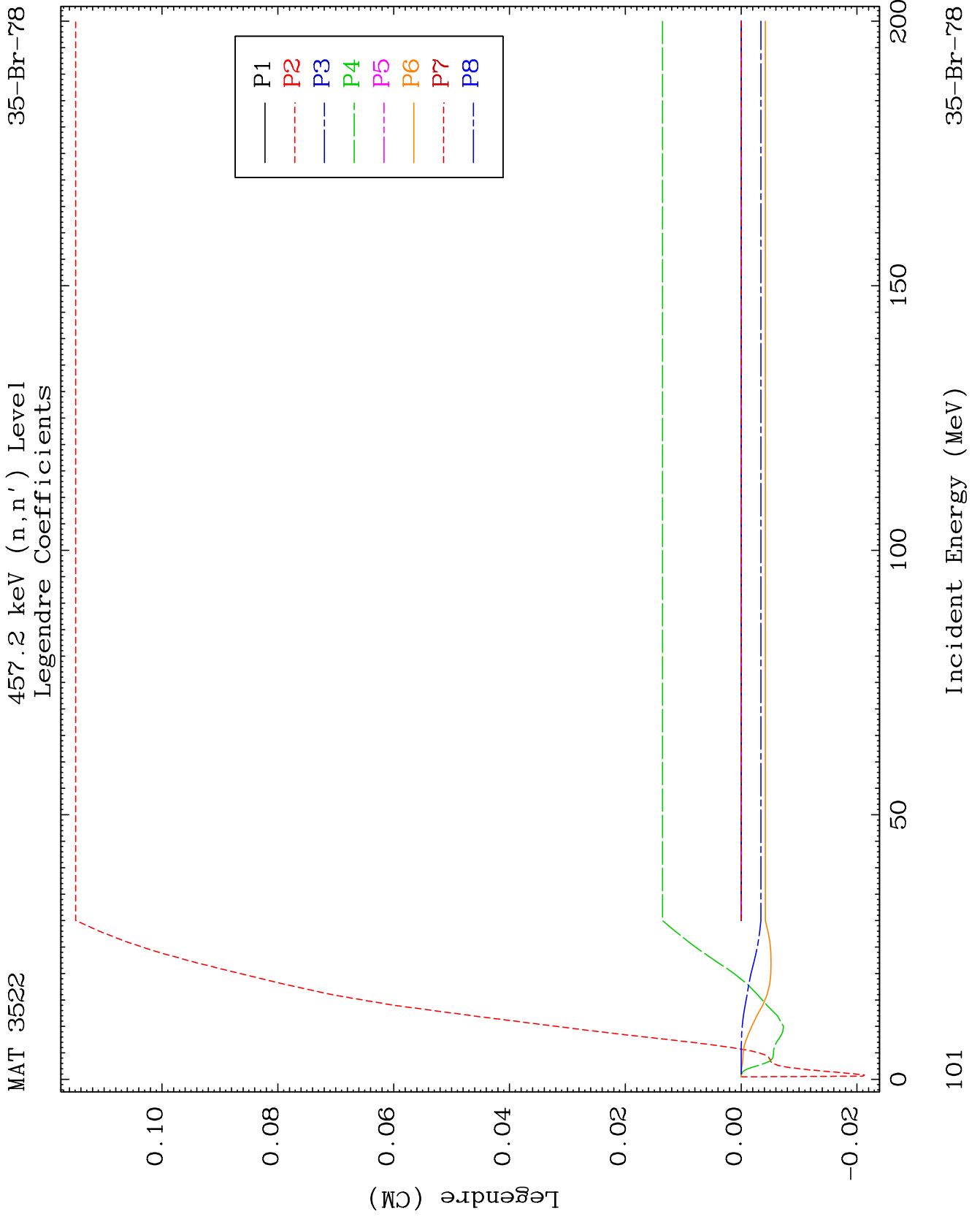
100

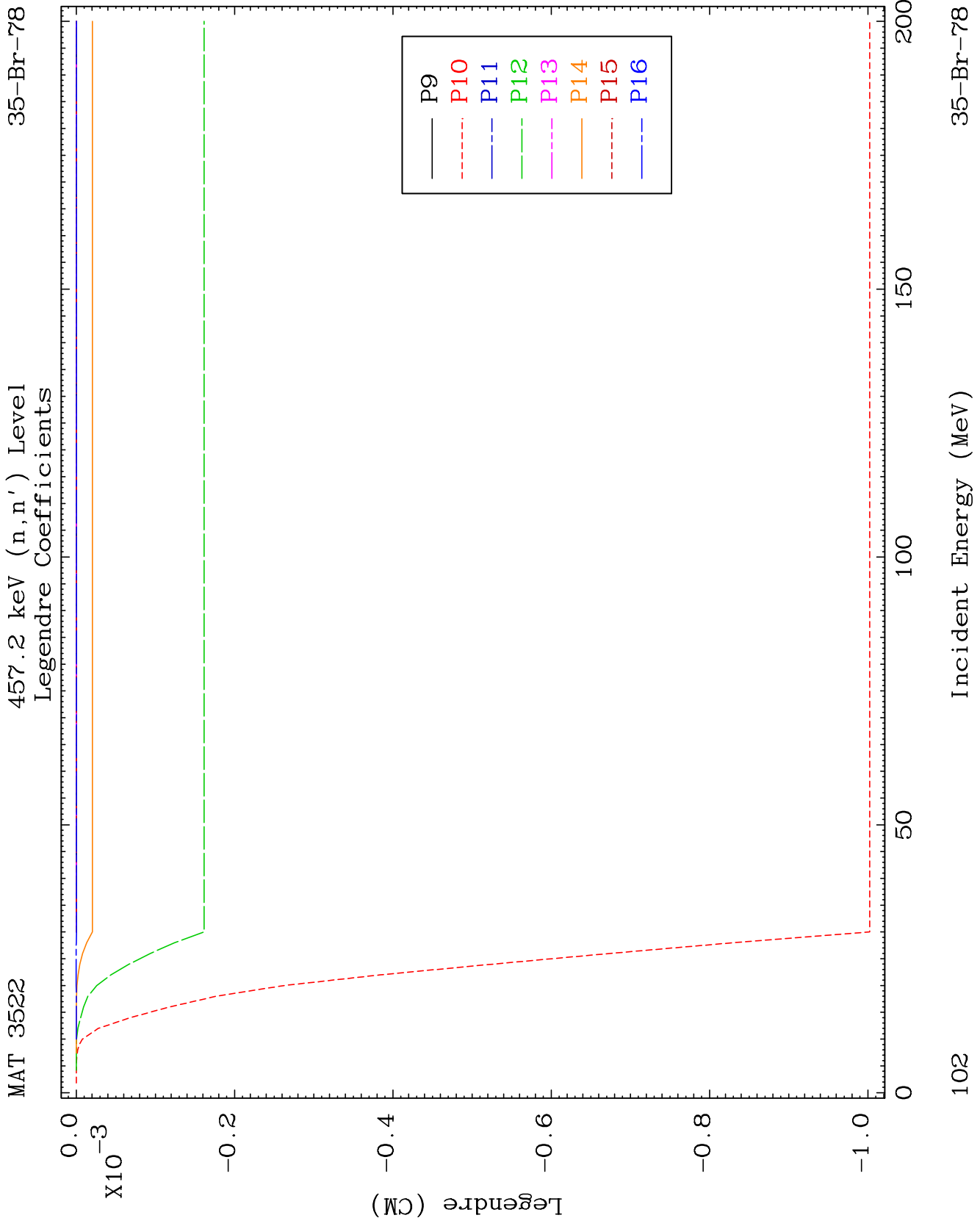
150

200

10^{-7}

Legendre (CM)

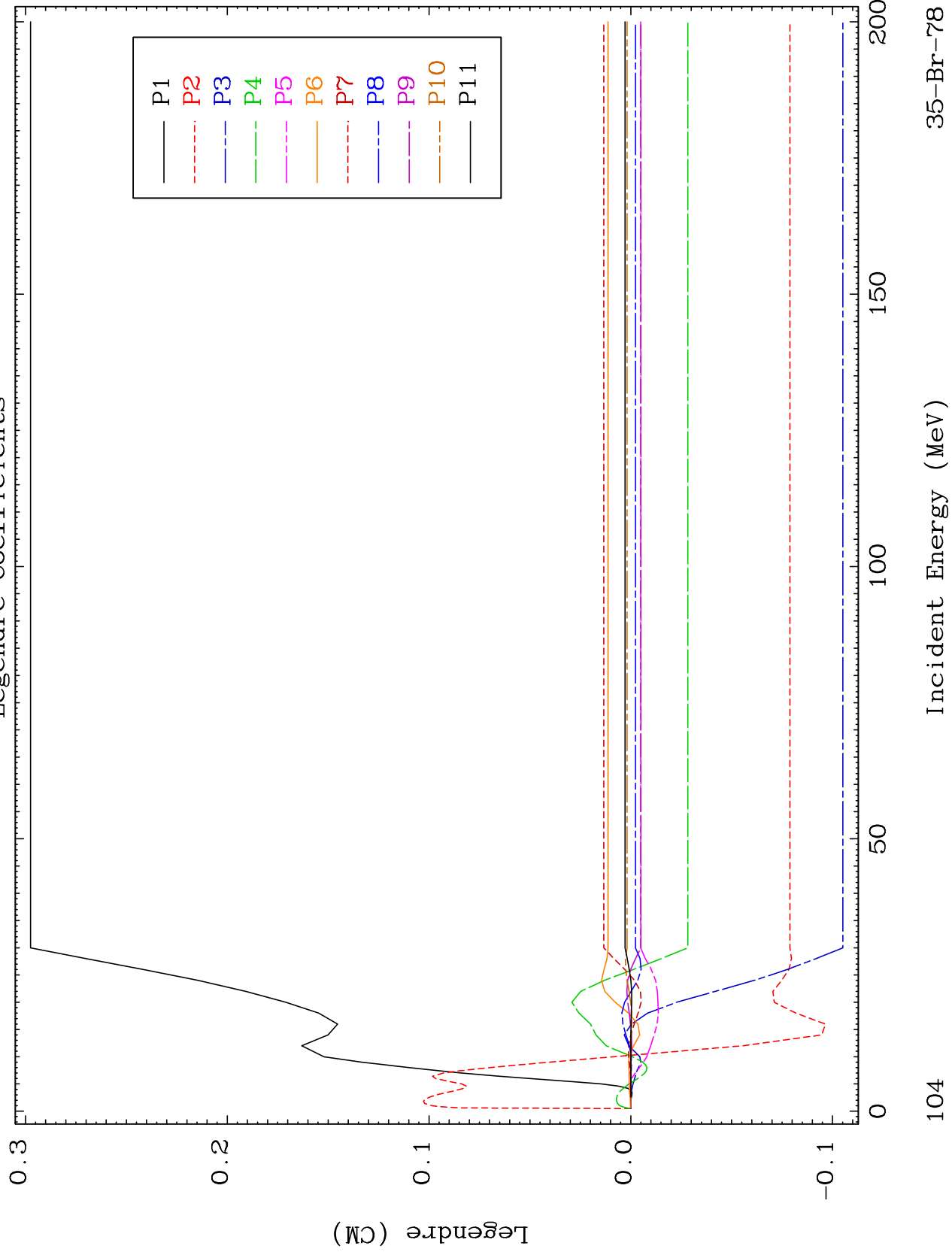




MAT 35222

467.8 keV (n,n') Level
Legendre Coefficients

35-Br-78

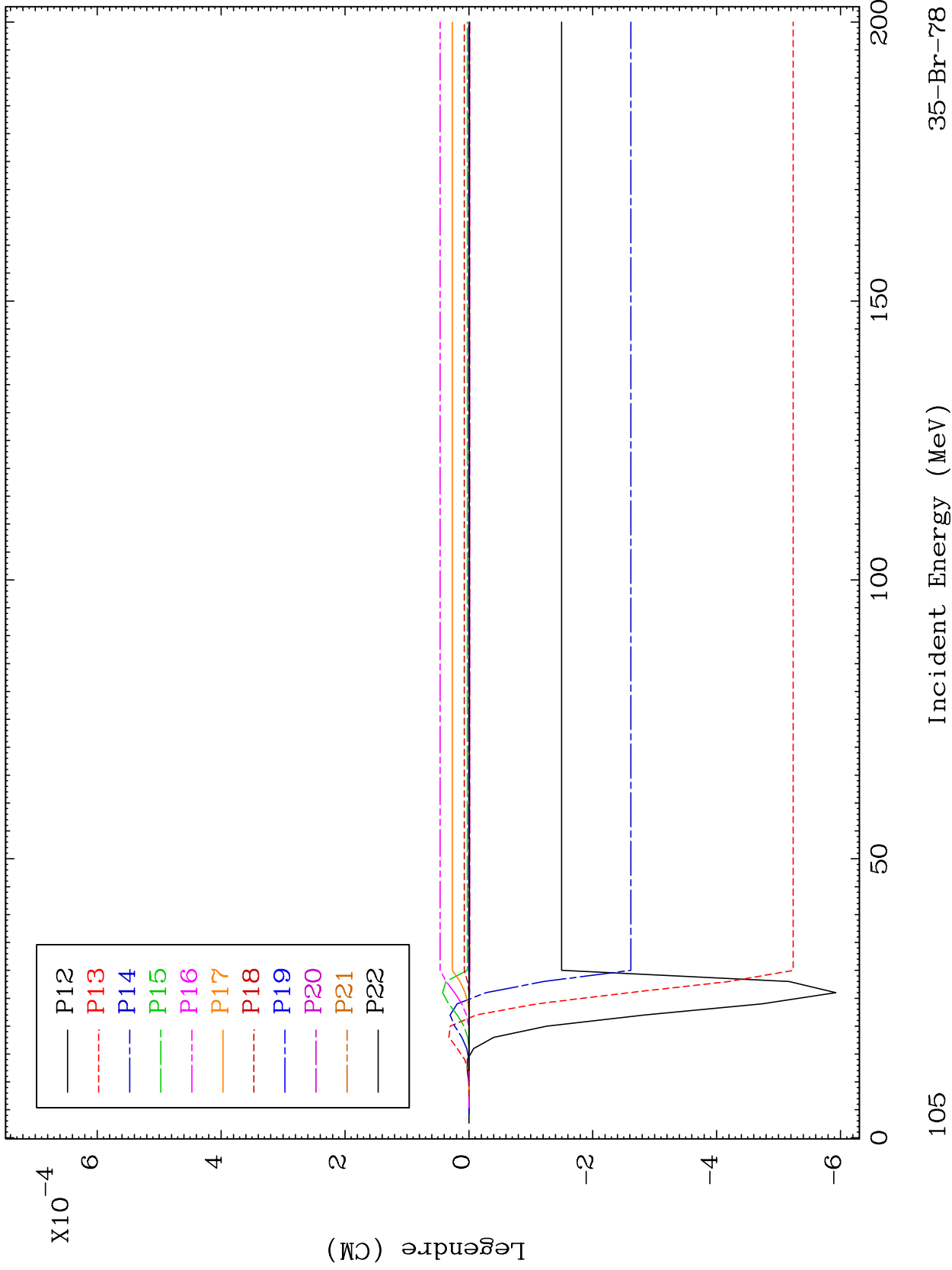


104

MAT 3522

467.8 keV (n,n') Level
Legendre Coefficients

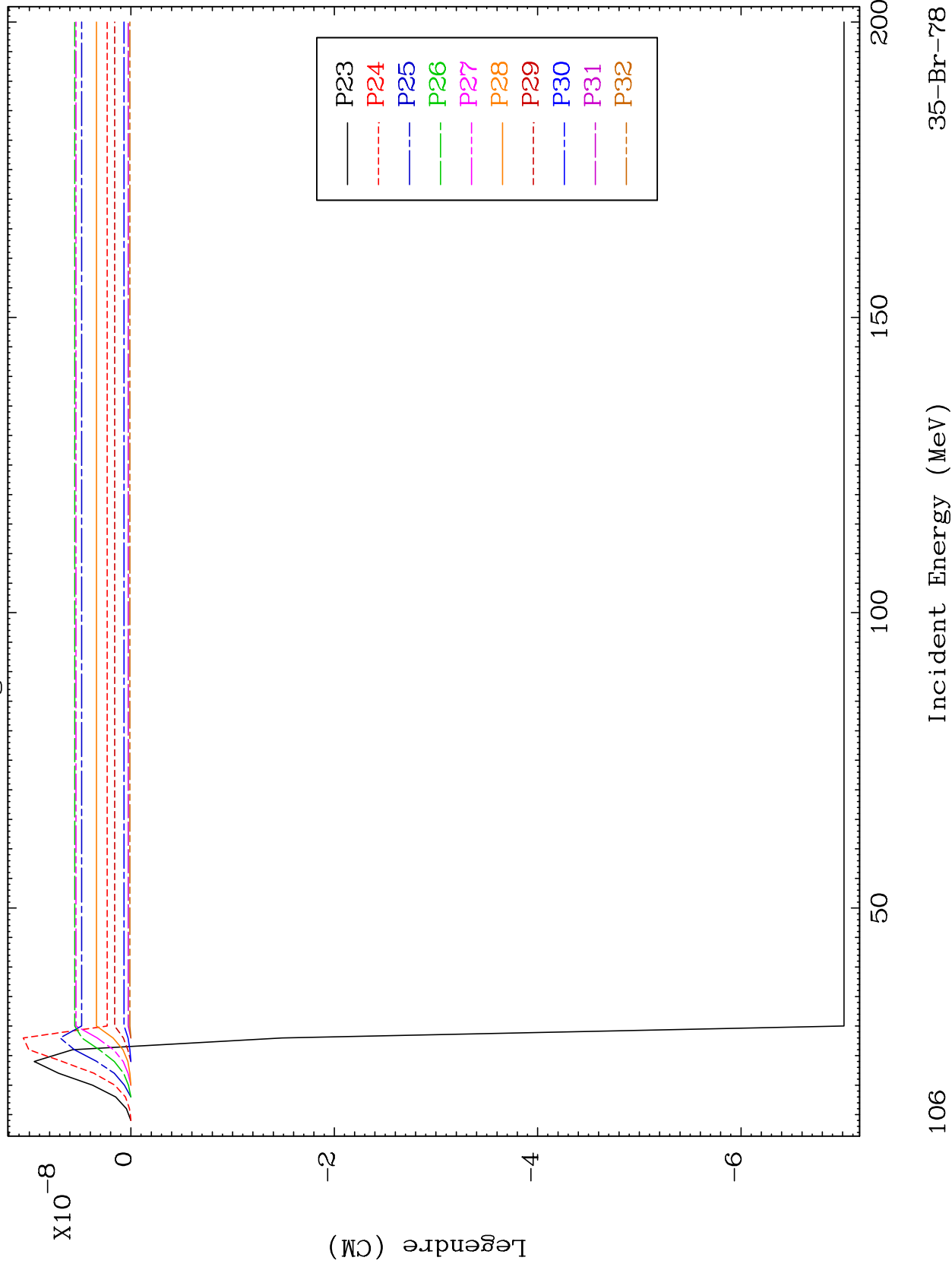
35-Br-78



MAT 3522

467.8 keV (n,n') Level
Legendre Coefficients

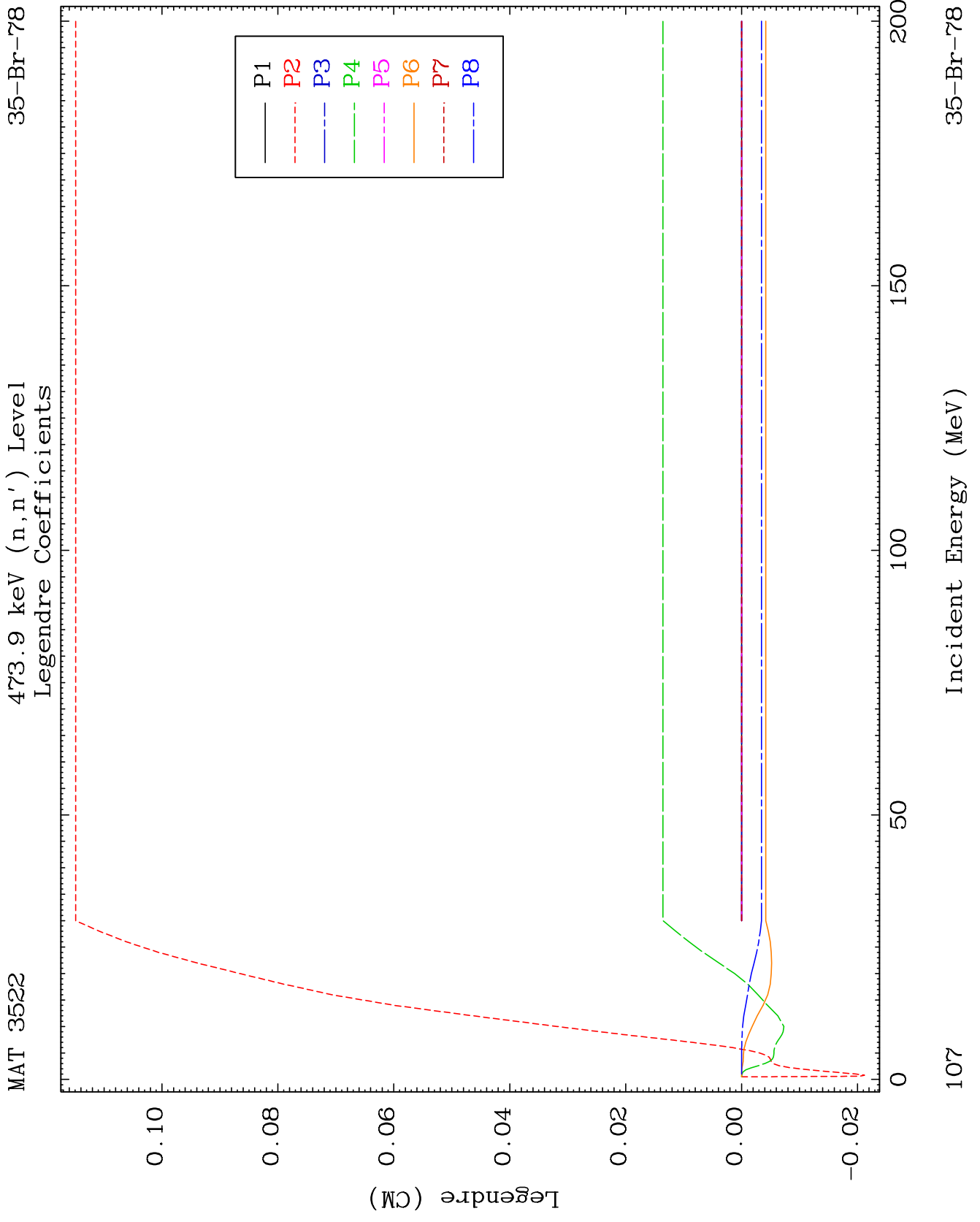
35-Br-78

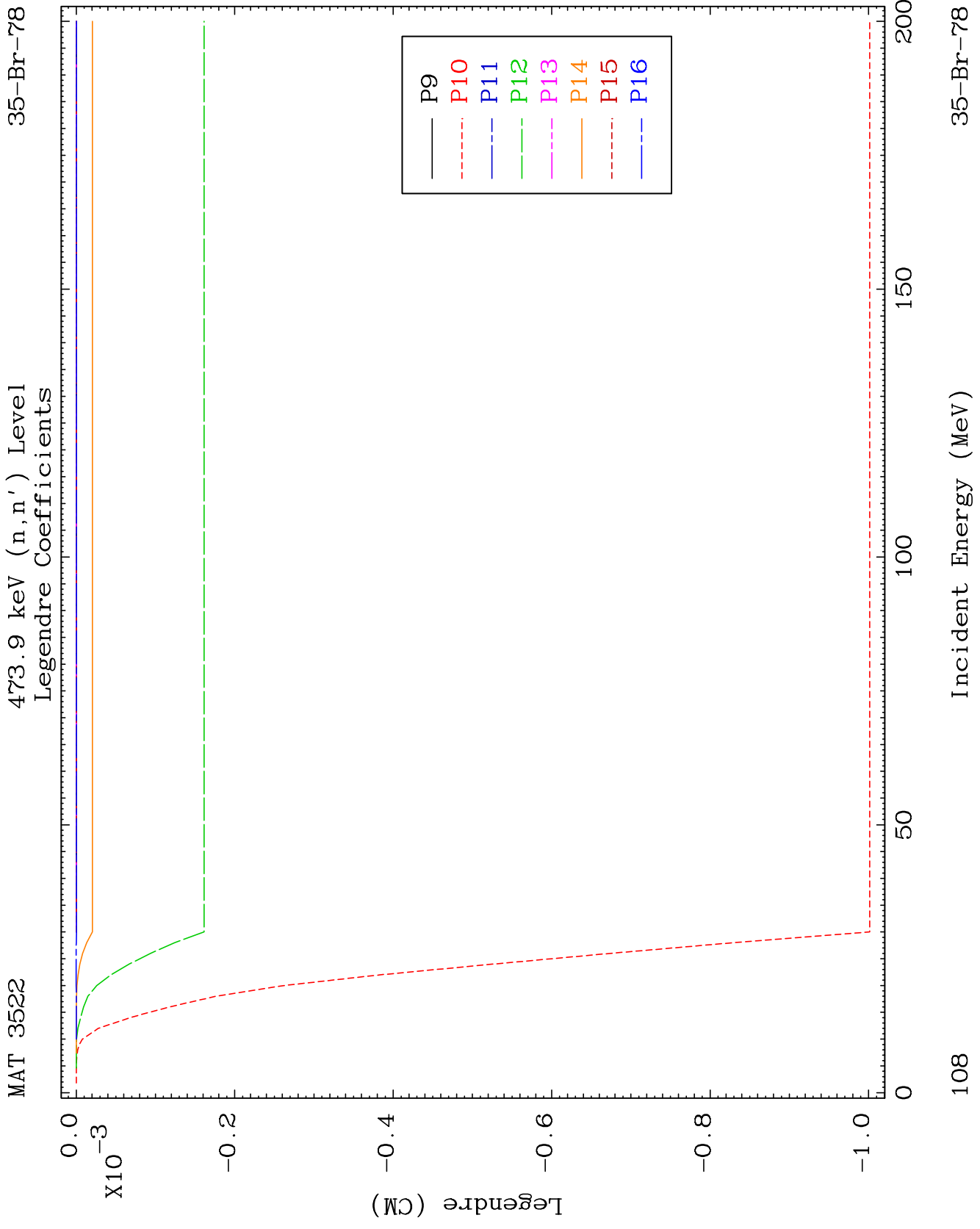


106

Incident Energy (MeV)

35-Br-78

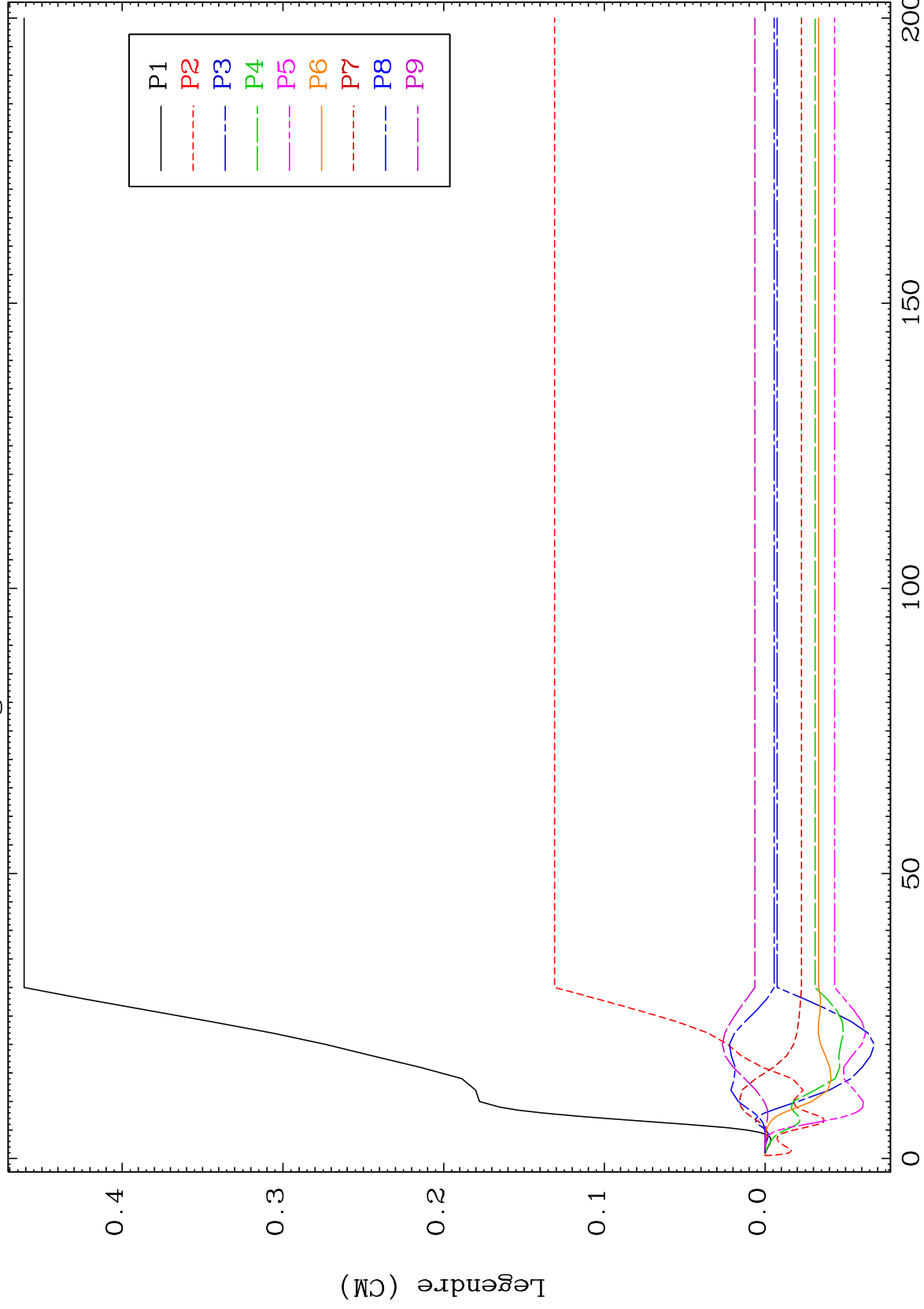




MAT 3522

476.9 keV (n,n') Level
Legendre Coefficients

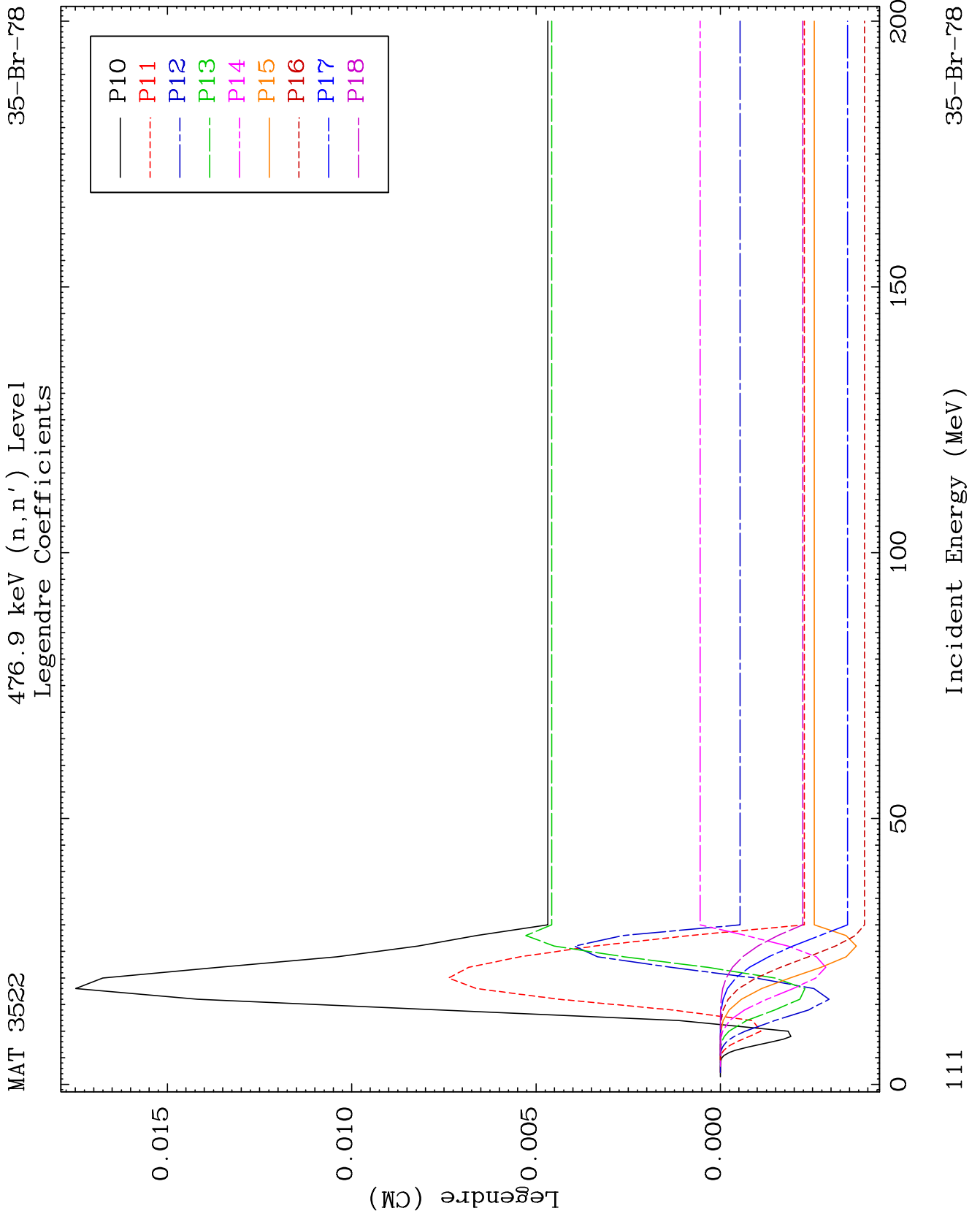
35-Br-78

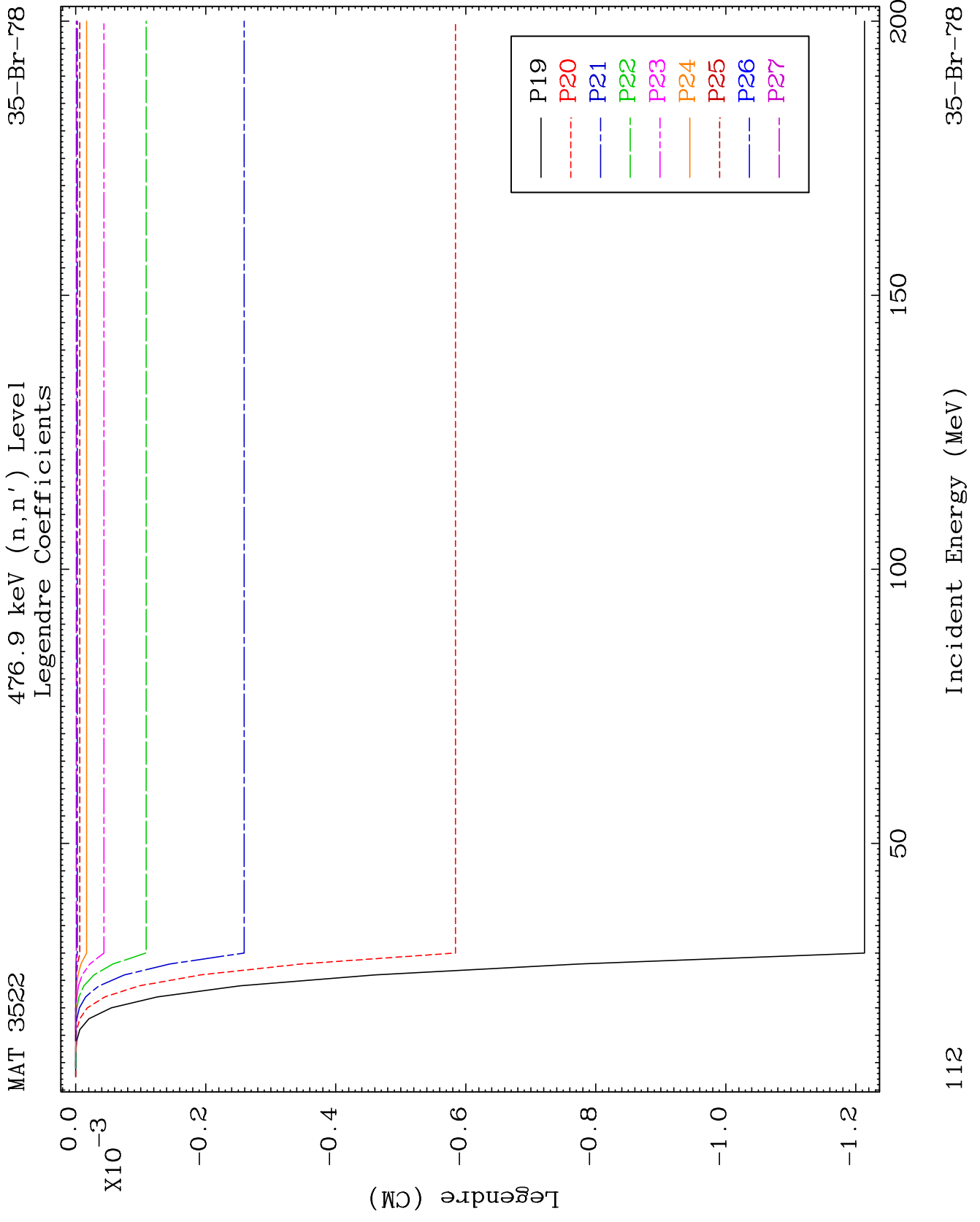


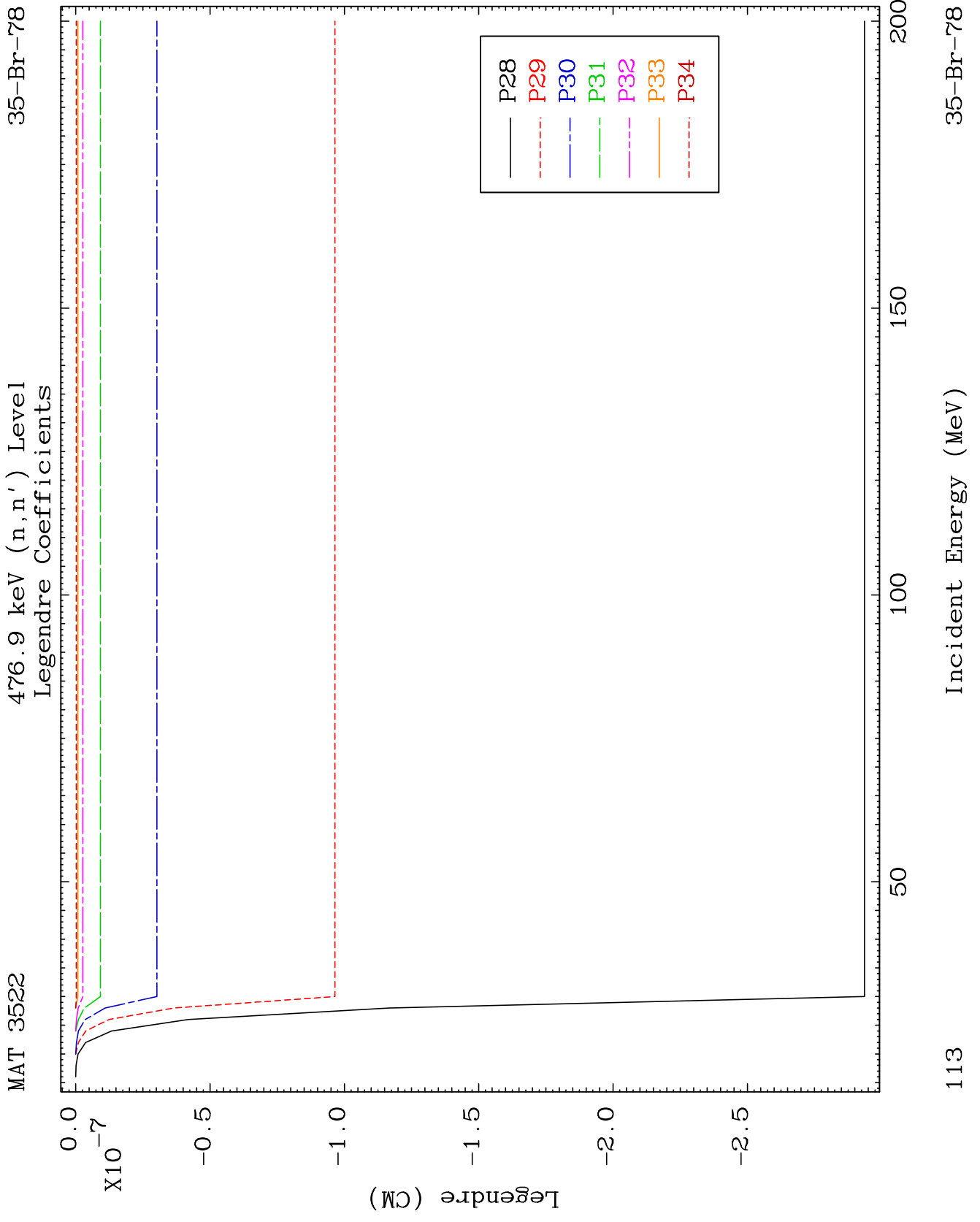
110

Incident Energy (MeV)

35-Br-78



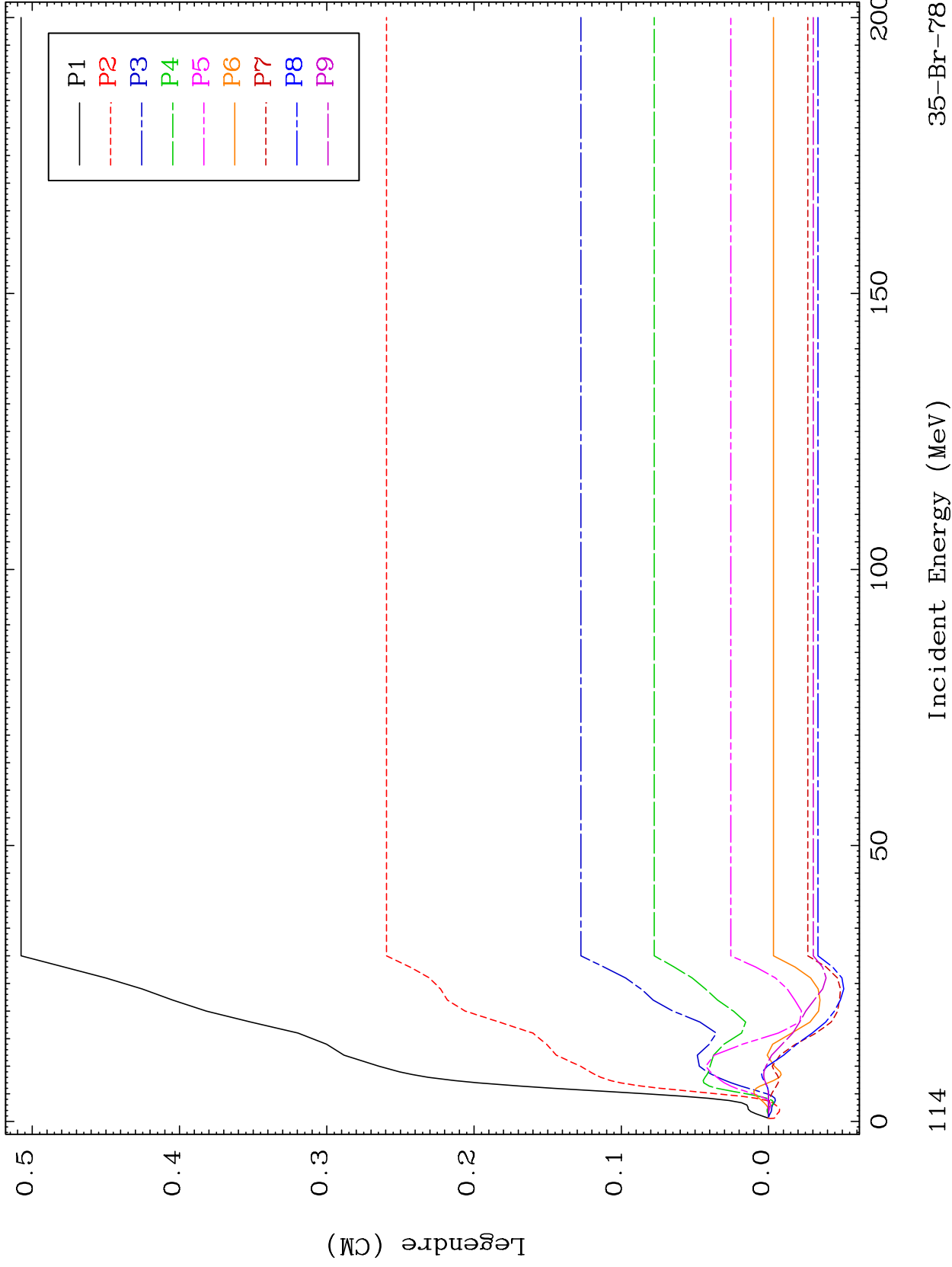




MAT 3522

498.5 keV (n,n') Level
Legendre Coefficients

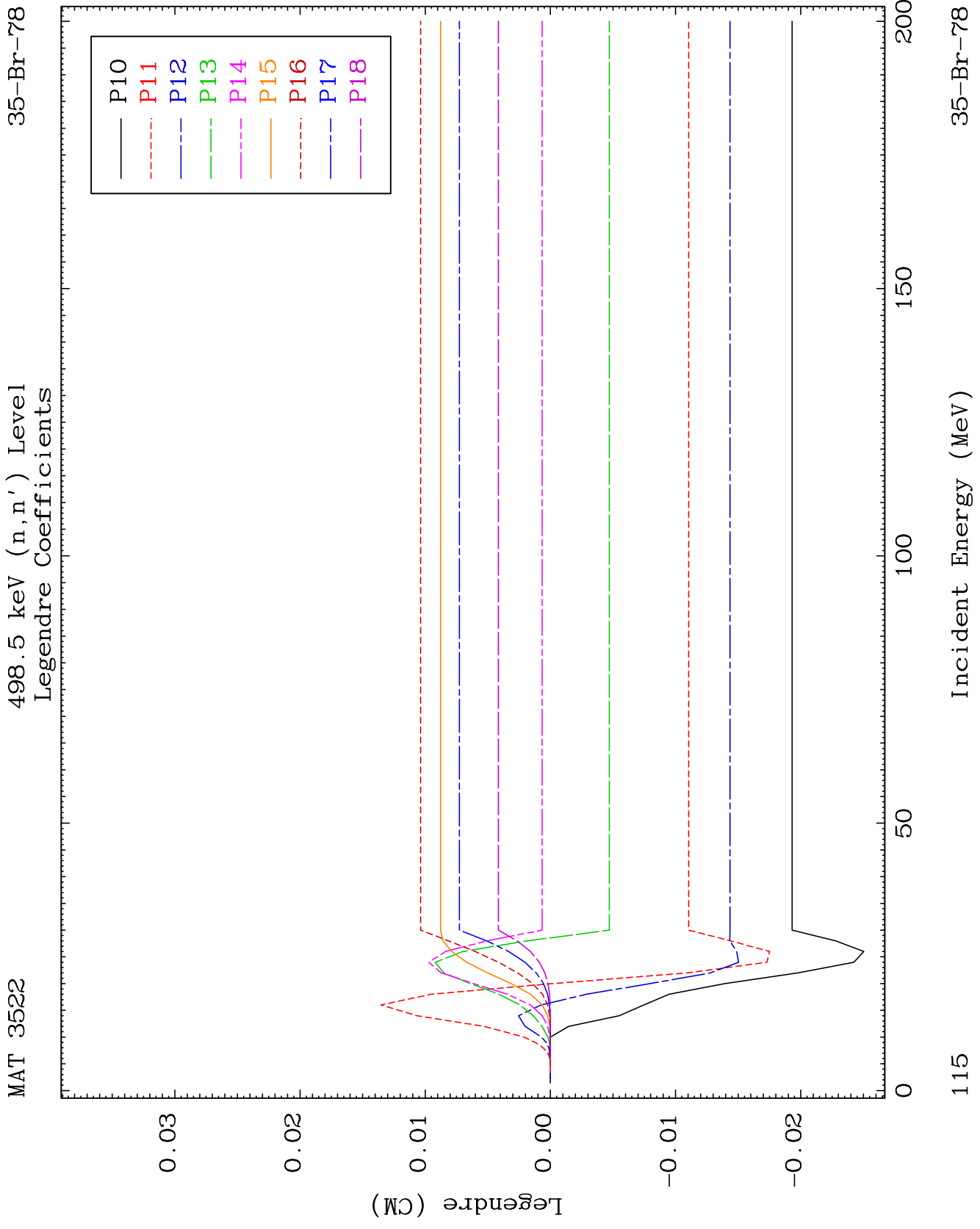
35-Br-78



35-Br-78

Incident Energy (MeV)

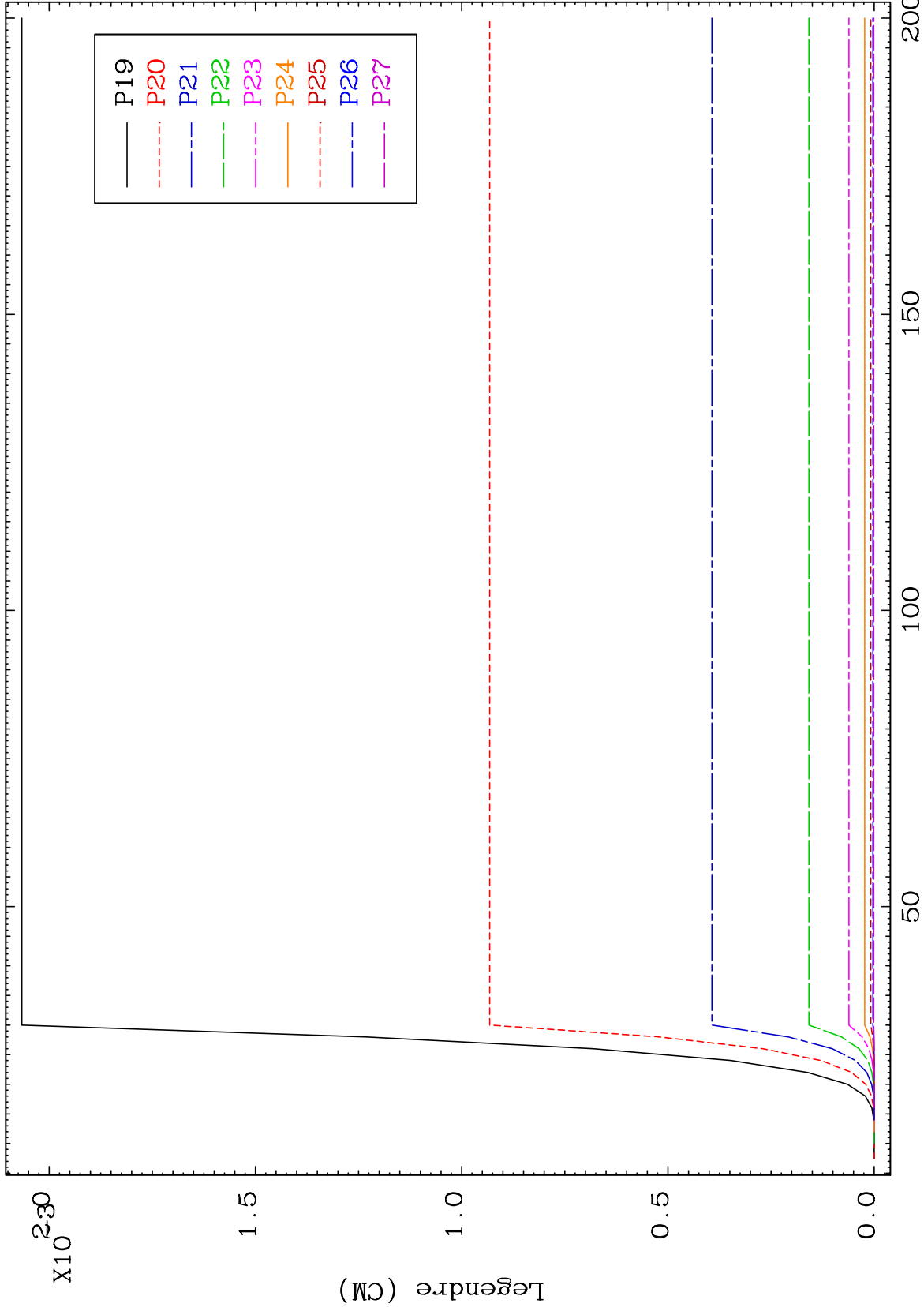
114



MAT 3522

498.5 keV (n,n') Level
Legendre Coefficients

35-Br-78



116

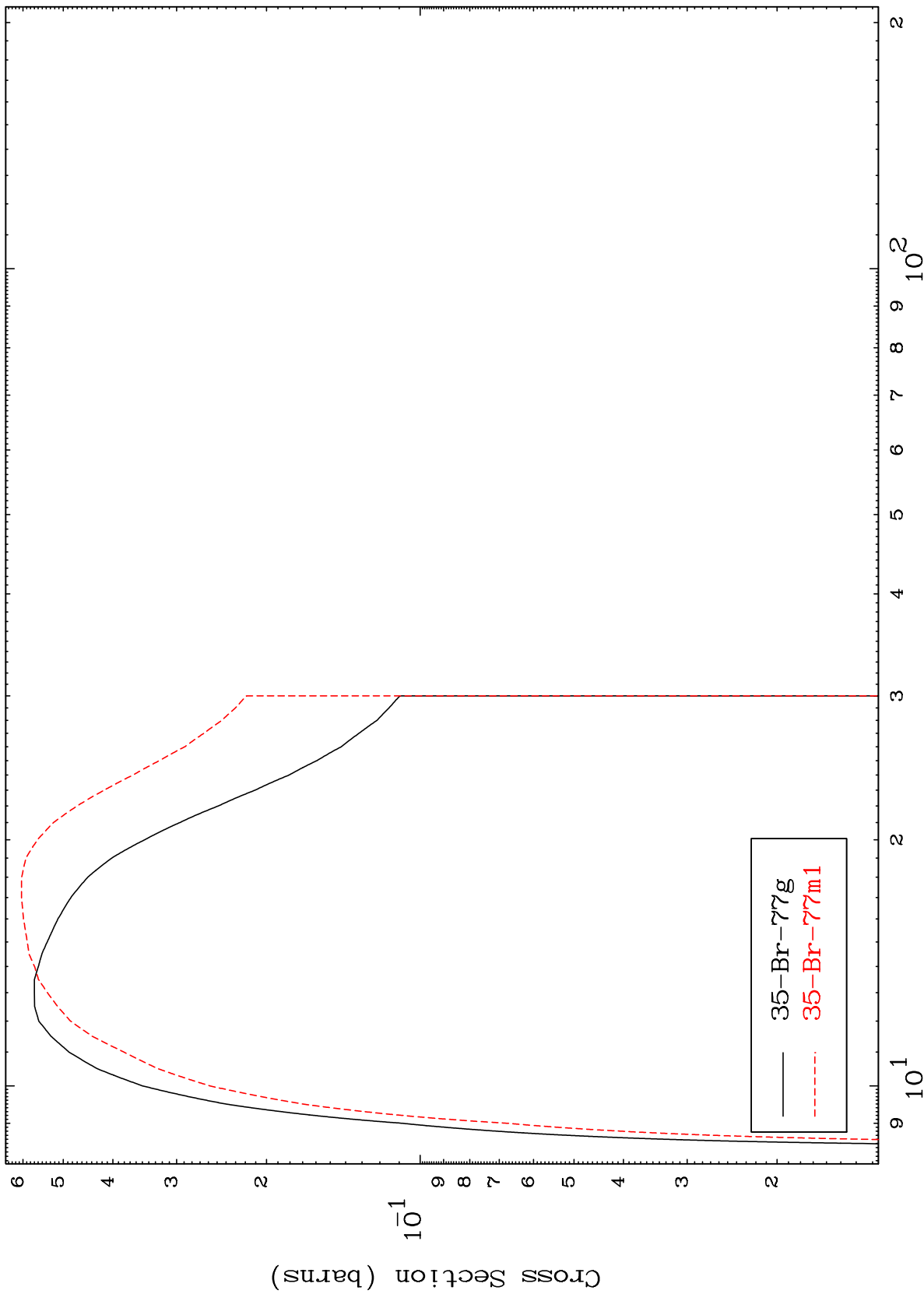
Incident Energy (MeV)

35-Br-78

MAT 35222

³⁵Br-78

(n,2n)
Radionuclide Production Cross Section



— ³⁵Br-77g
- - - ³⁵Br-77m1

³⁵Br-78

Incident Energy (MeV)

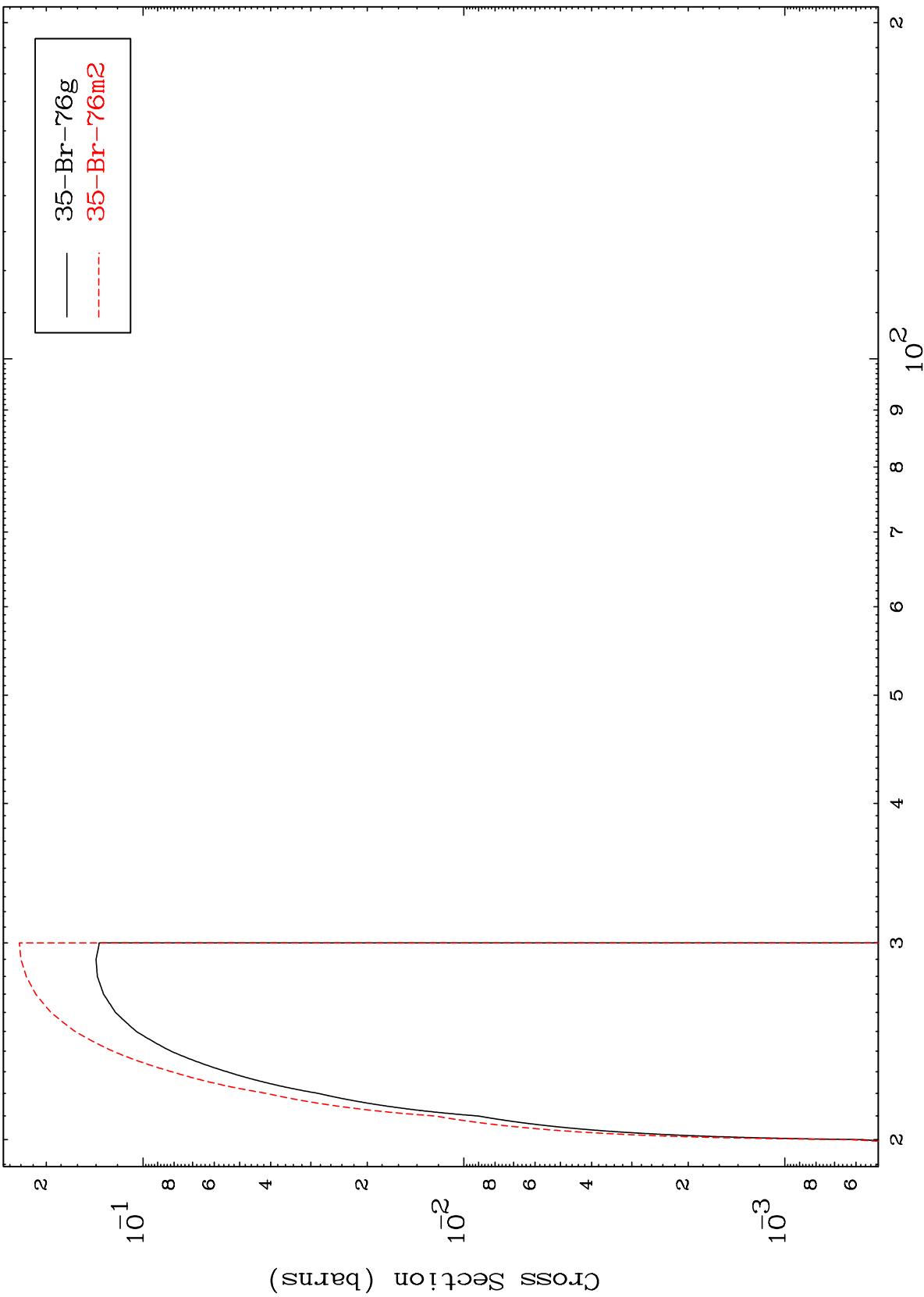
118

MAT 3522

35-Br-78

(n,3n)

Radionuclide Production Cross Section



119

Incident Energy (MeV)

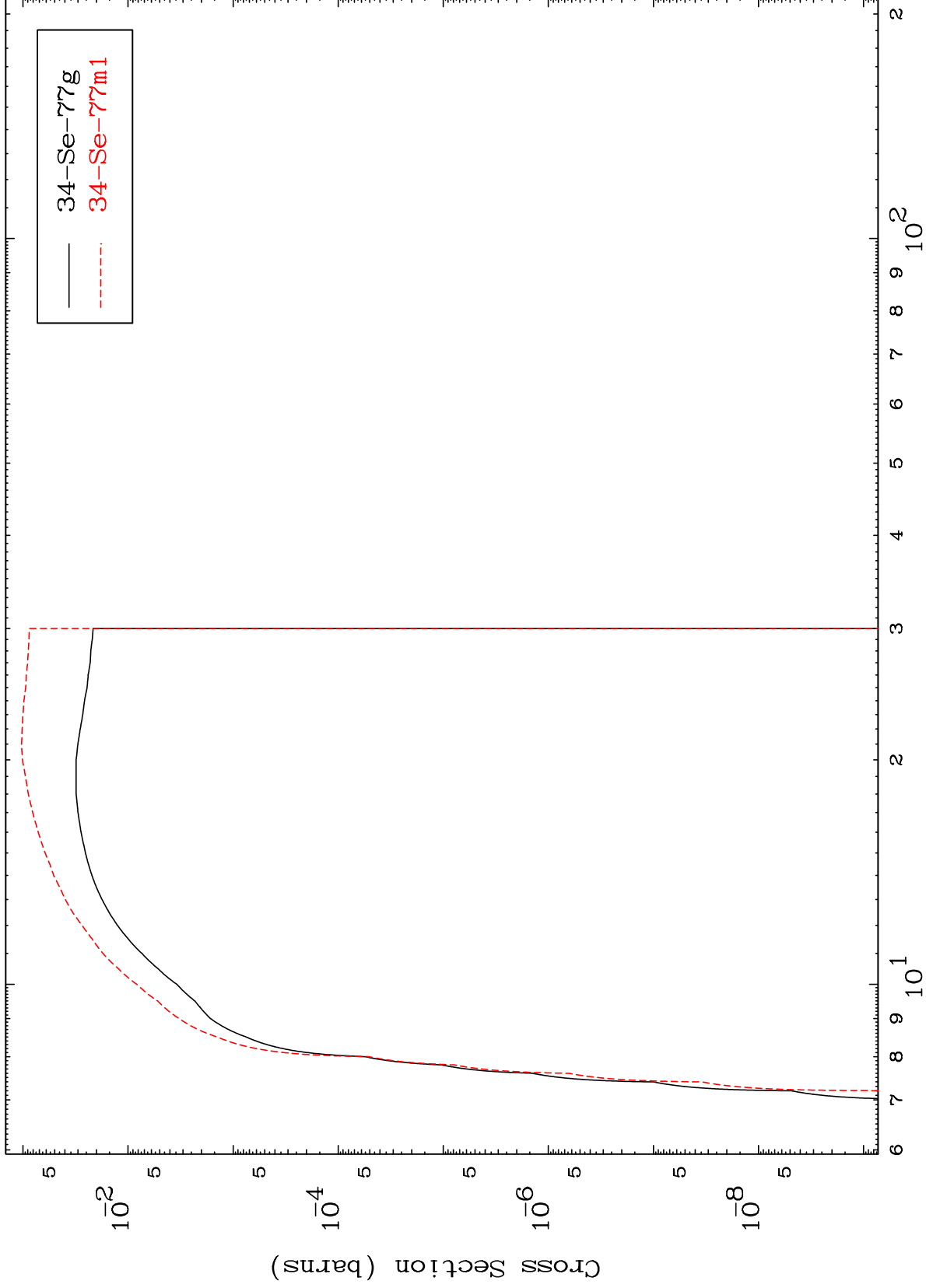
35-Br-78

MAT 3522

(n, n') p

$^{35}\text{Br-78}$

Radionuclide Production Cross Section



120

Incident Energy (MeV)

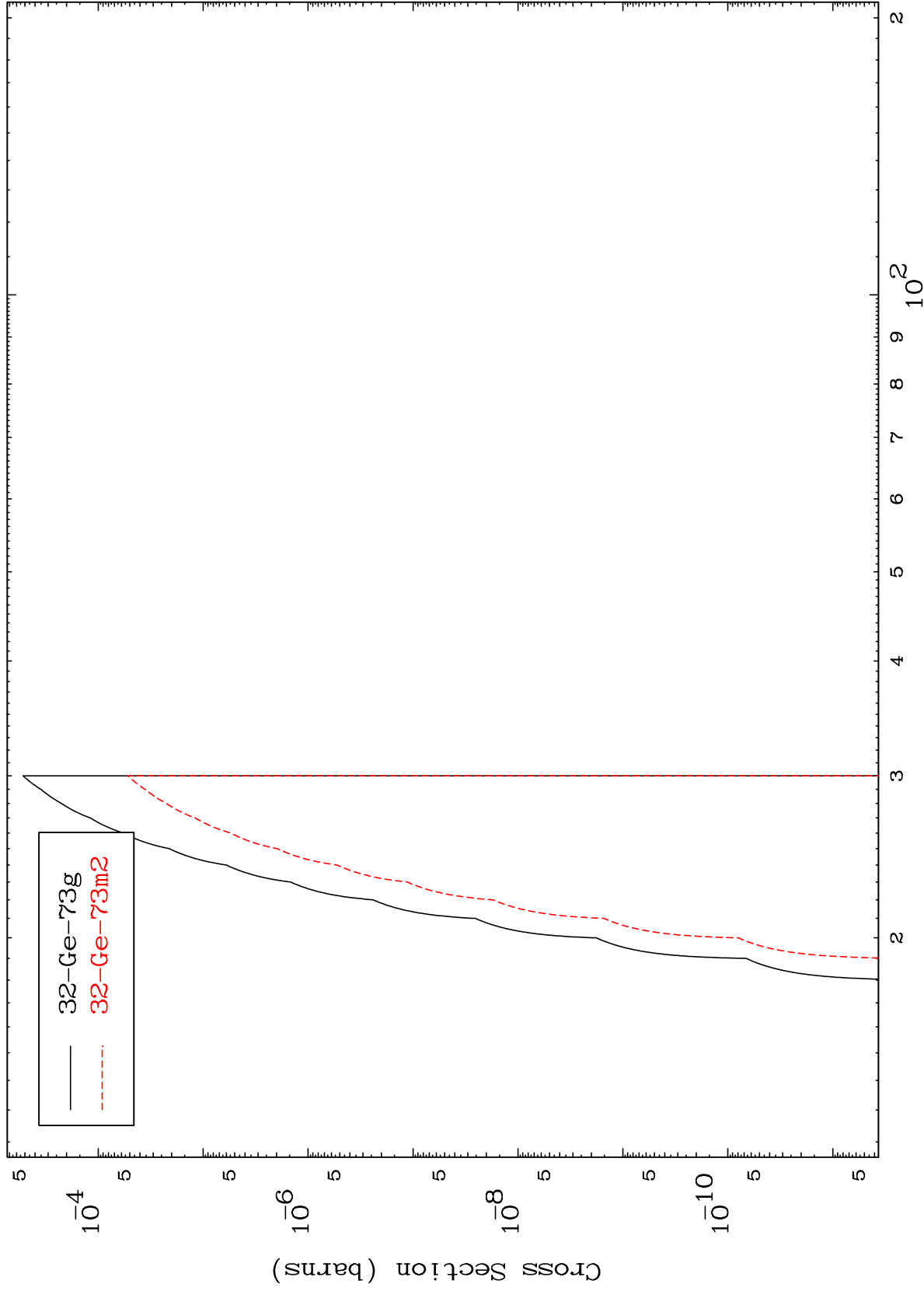
$^{35}\text{Br-78}$

MAT 3522

(n,n') p α

35-Br-78

Radionuclide Production Cross Section



121

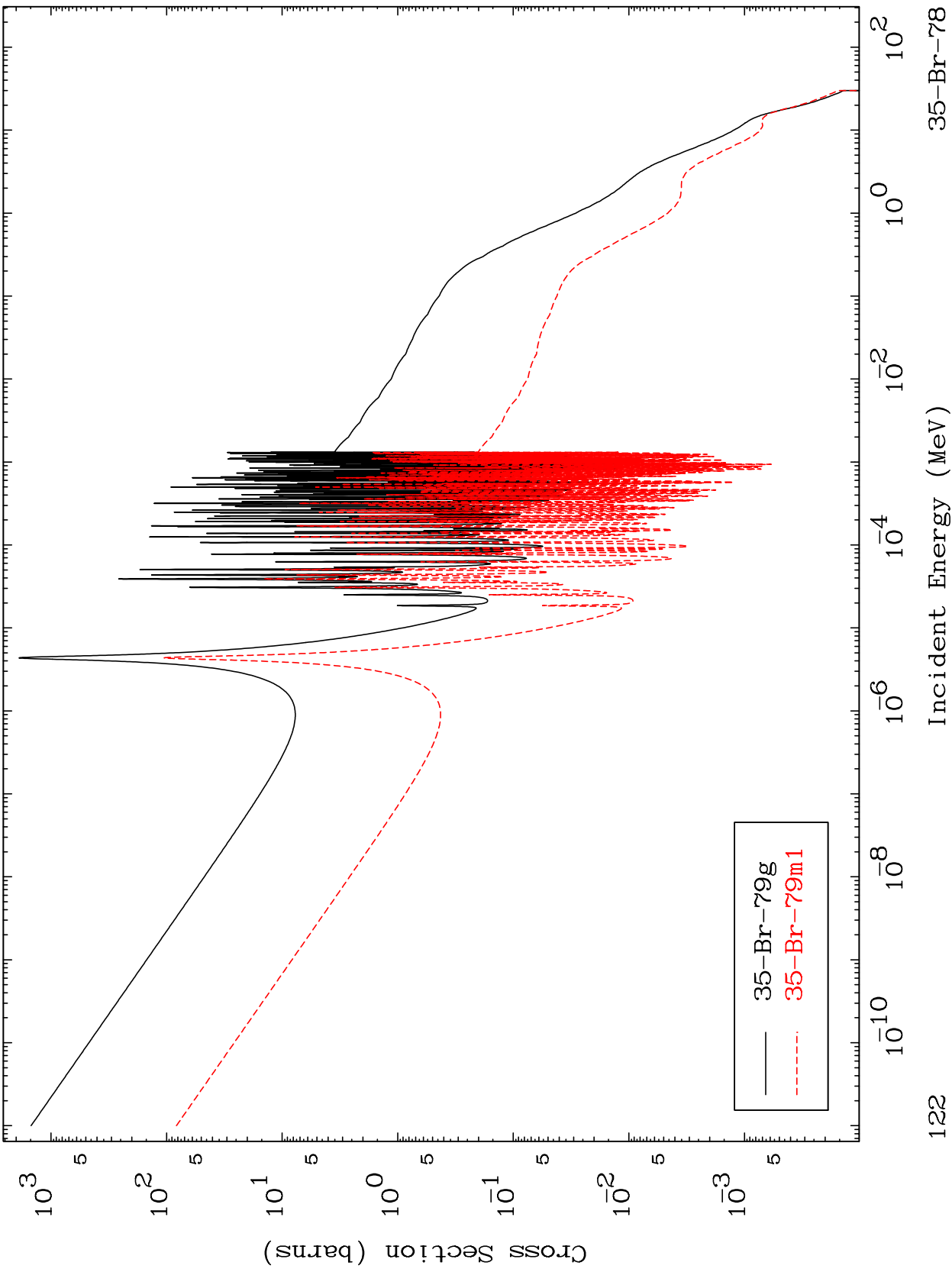
Incident Energy (MeV)

35-Br-78

MAT 3522

35-Br-78

(n, γ)
Radionuclide Production Cross Section



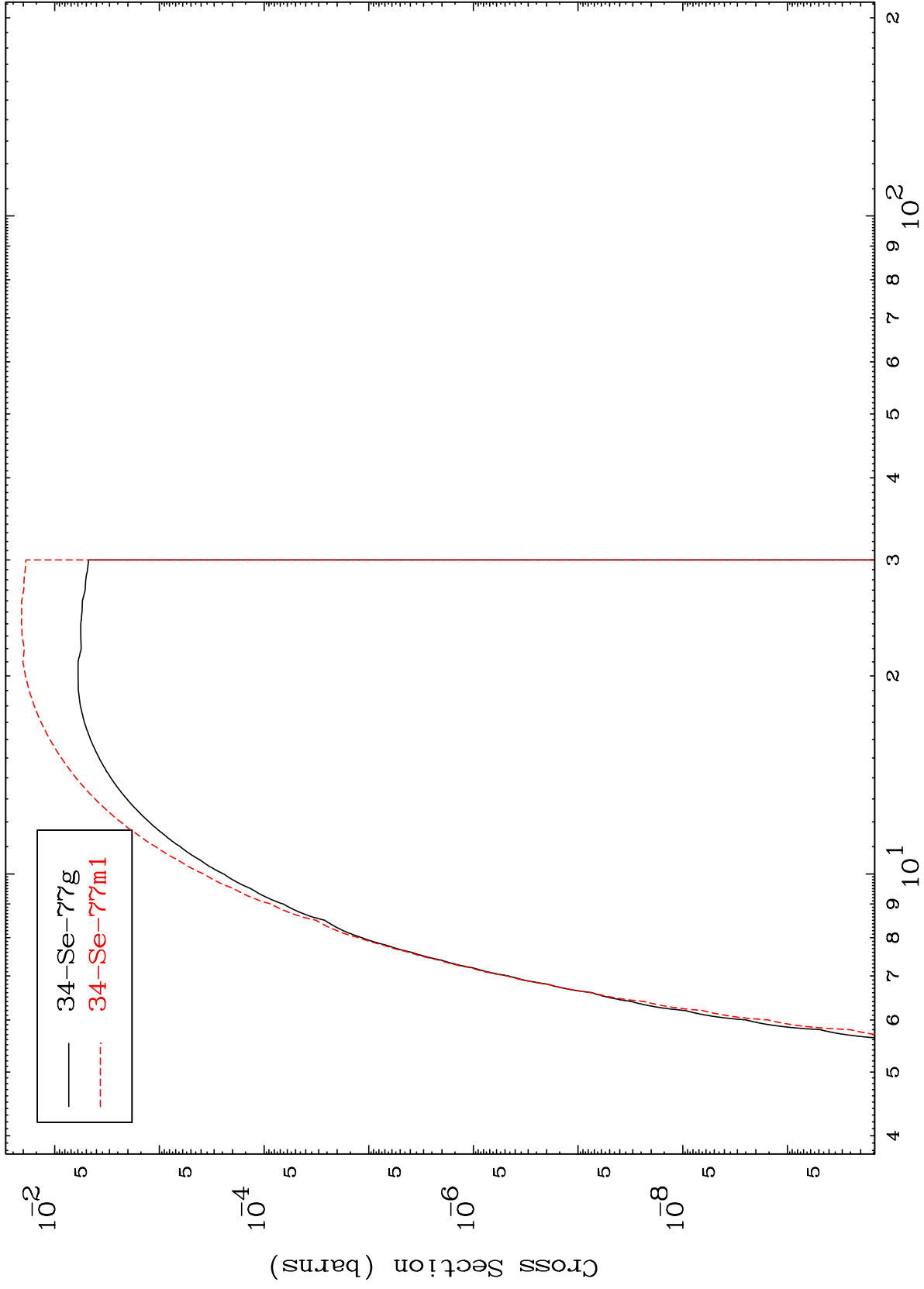
122

35-Br-78

MAT 3522

³⁵Br-78

(n,d)
Radionuclide Production Cross Section



³⁵Br-78

Incident Energy (MeV)

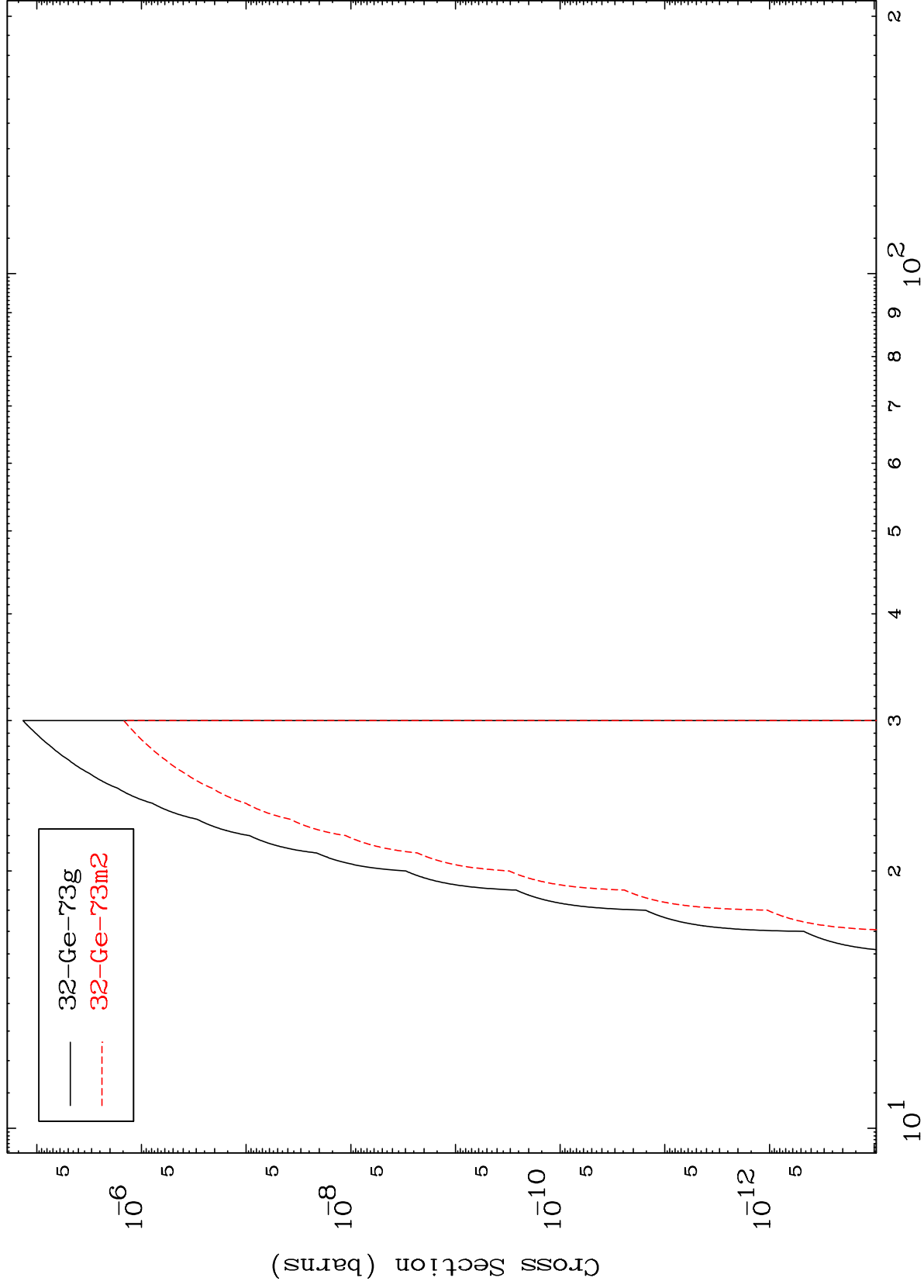
123

MAT 3522

(n,d) α

³⁵Br-78

Radionuclide Production Cross Section



Incident Energy (MeV)

³⁵Br-78

124