

Program EVALPLOT
(Version 2015-2)

by

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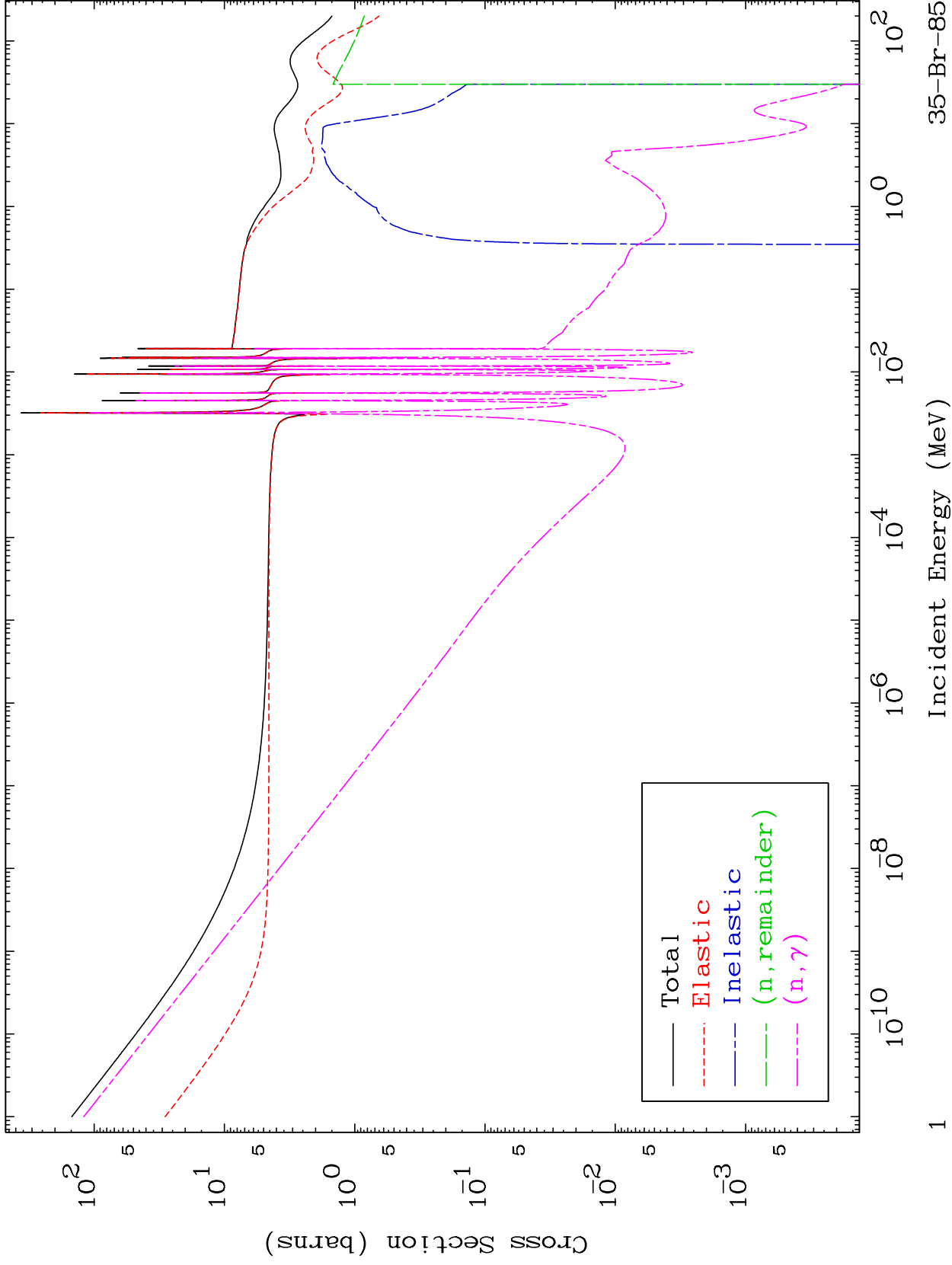
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3543

Major
293 Kelvin Cross Sections

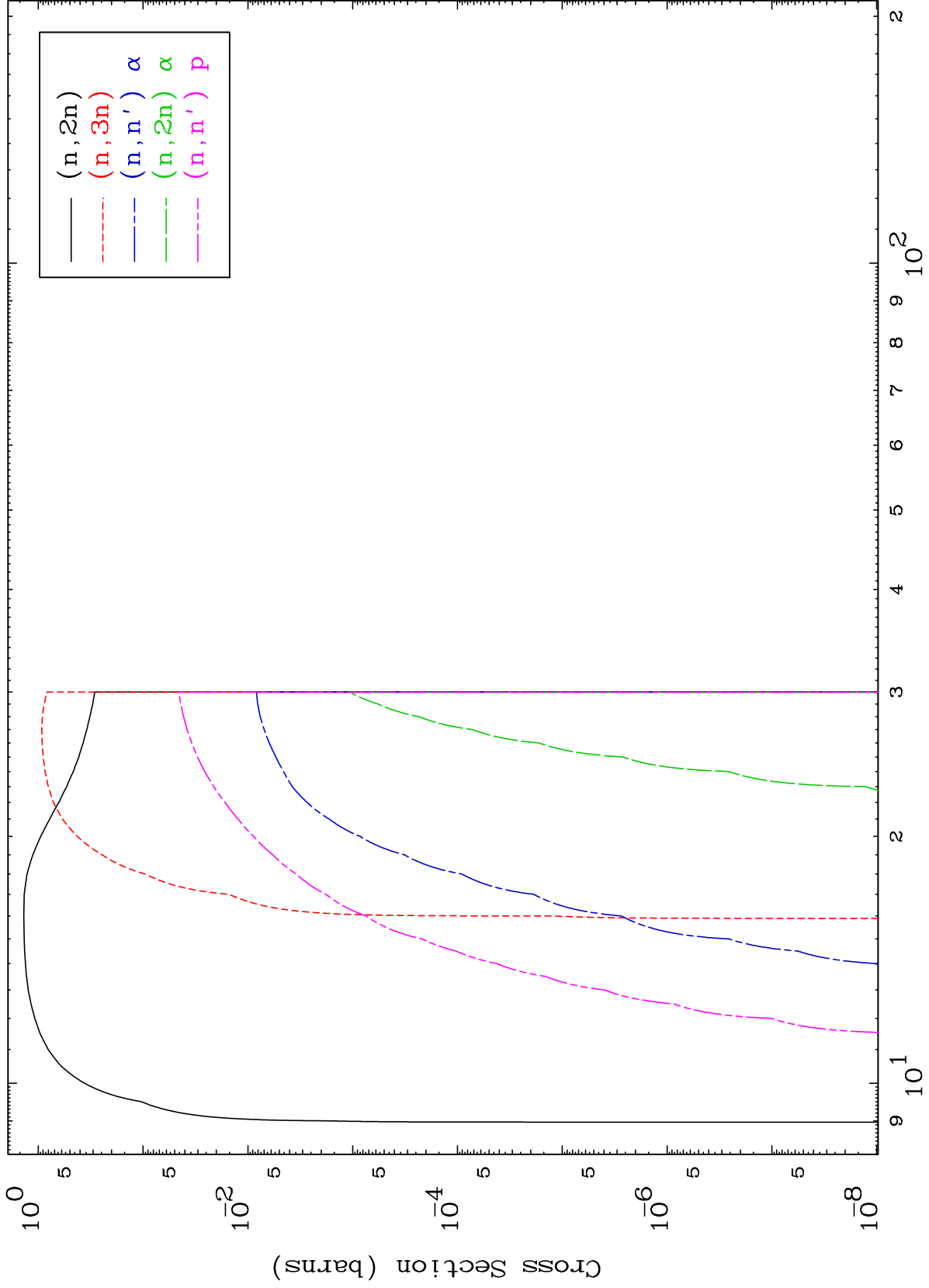
35-Br-85



MAT 3543

Neutron Production
293 Kelvin Cross Sections

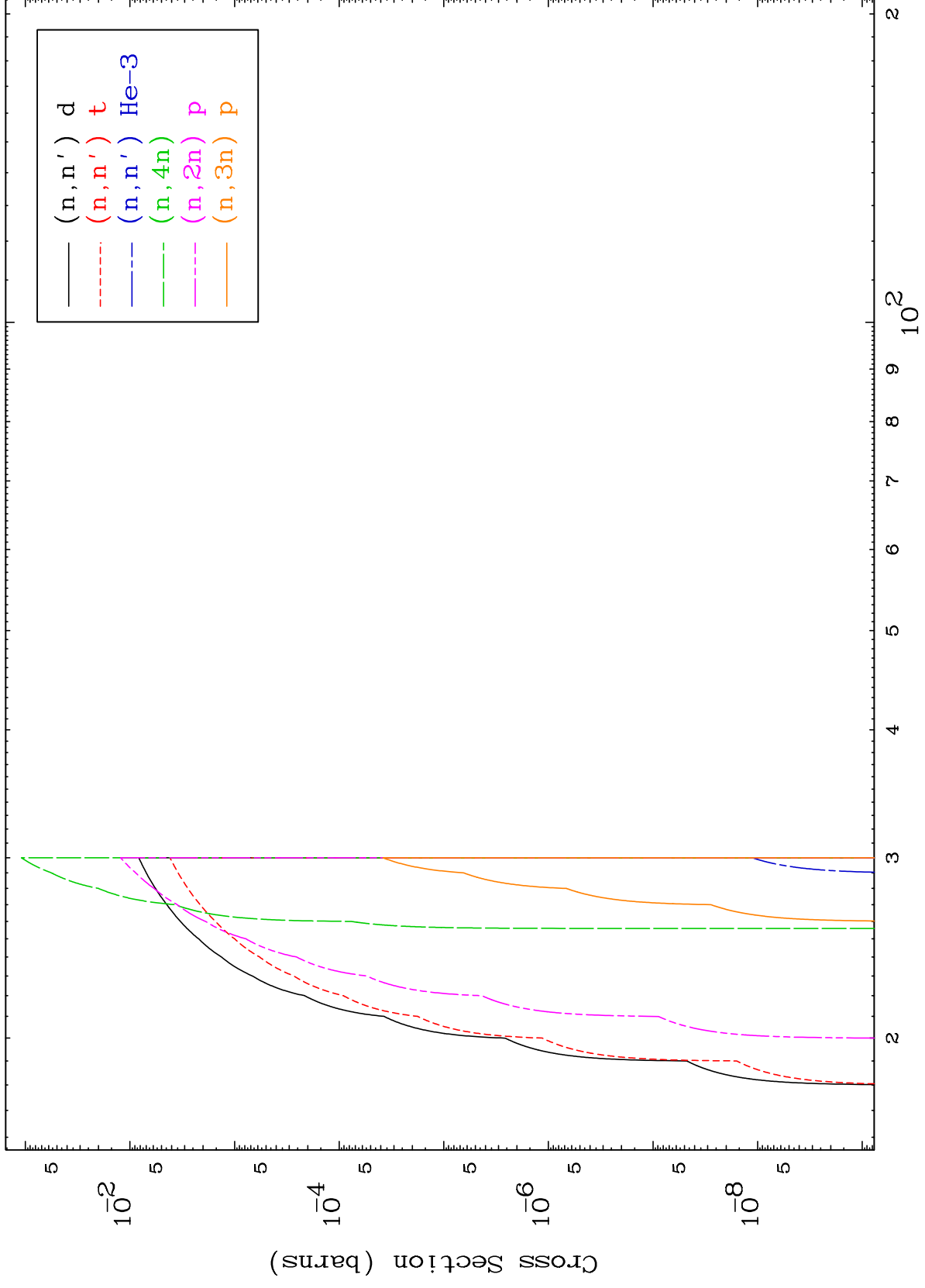
35-Br-85



2

Incident Energy (MeV)

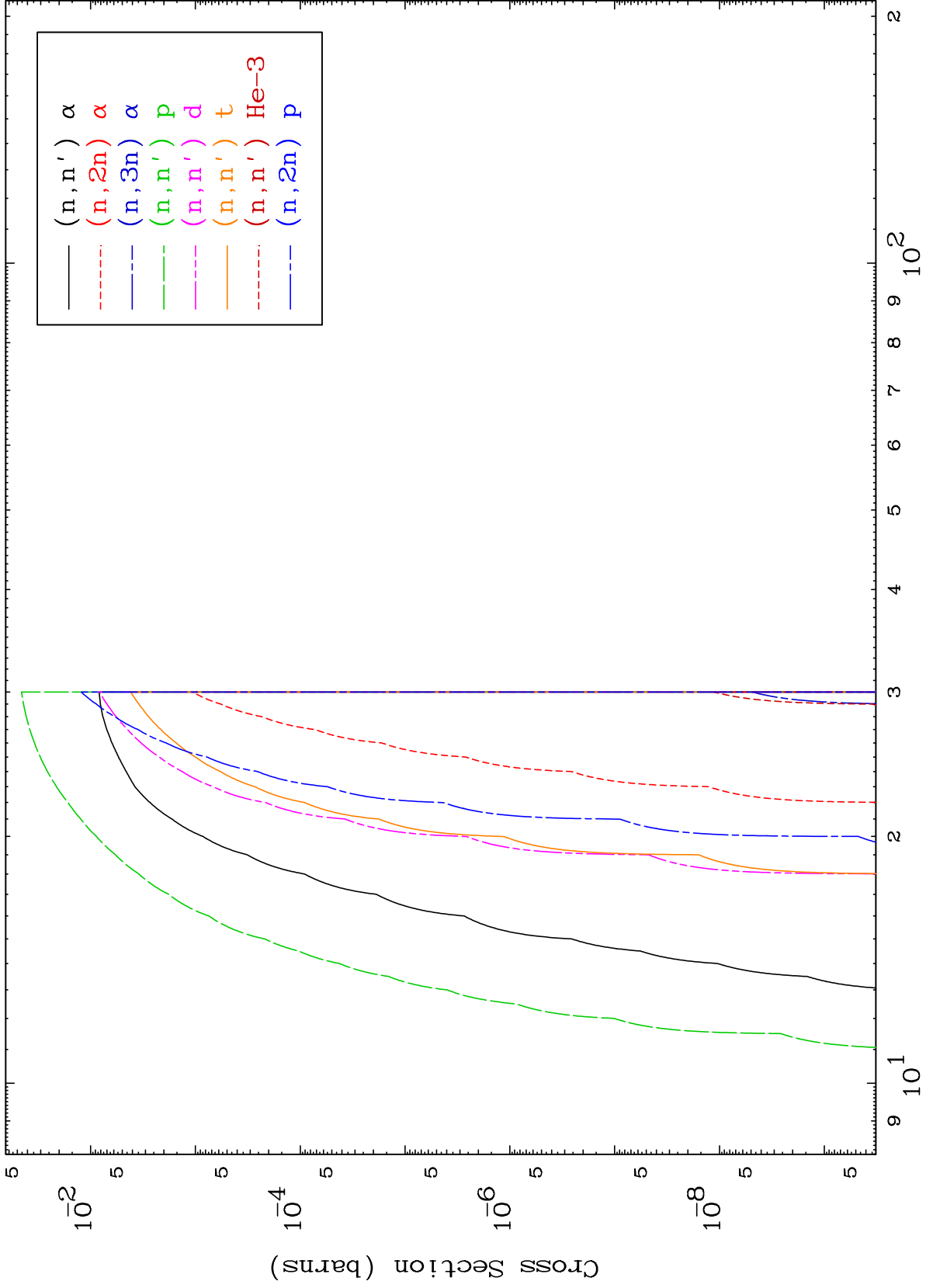
35-Br-85



MAT 3543

Charged Particle
293 Kelvin Cross Sections

35-Br-85



4

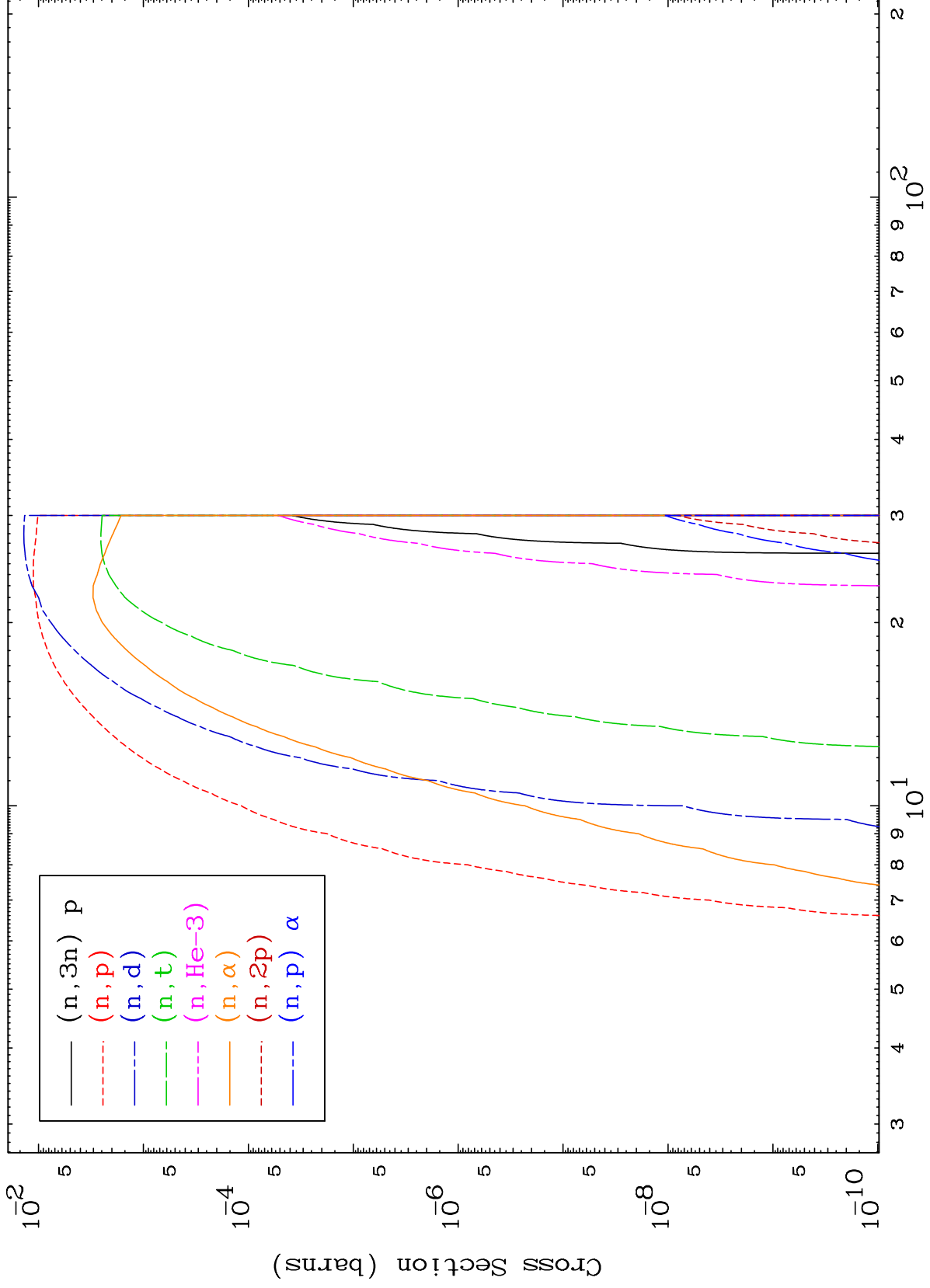
Incident Energy (MeV)

35-Br-85

MAT 3543

Charged Particle
293 Kelvin Cross Sections

35-Br-85



5

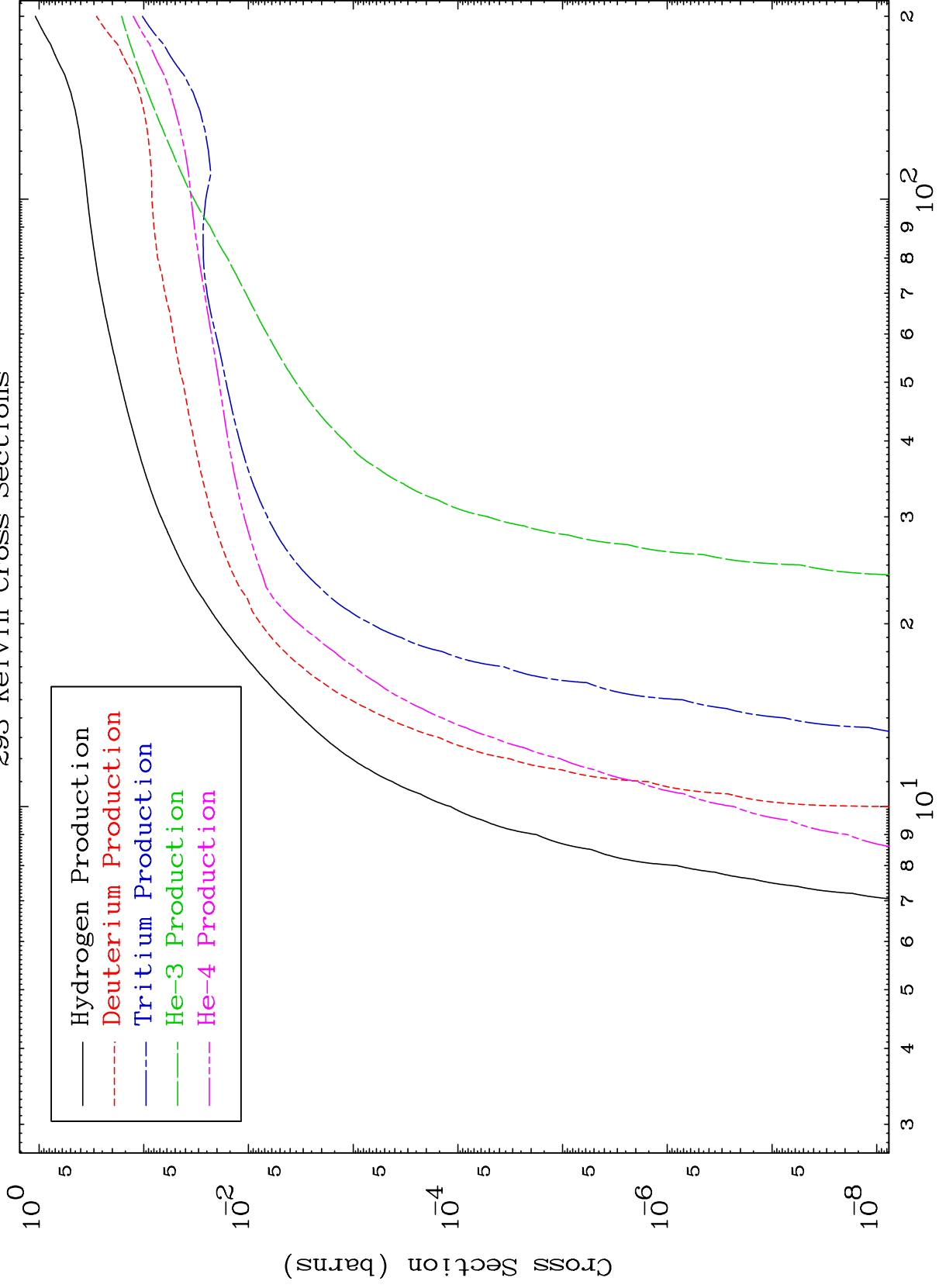
Incident Energy (MeV)

35-Br-85

MAT 3543

Particle Production
293 Kelvin Cross Sections

35-Br-85



6

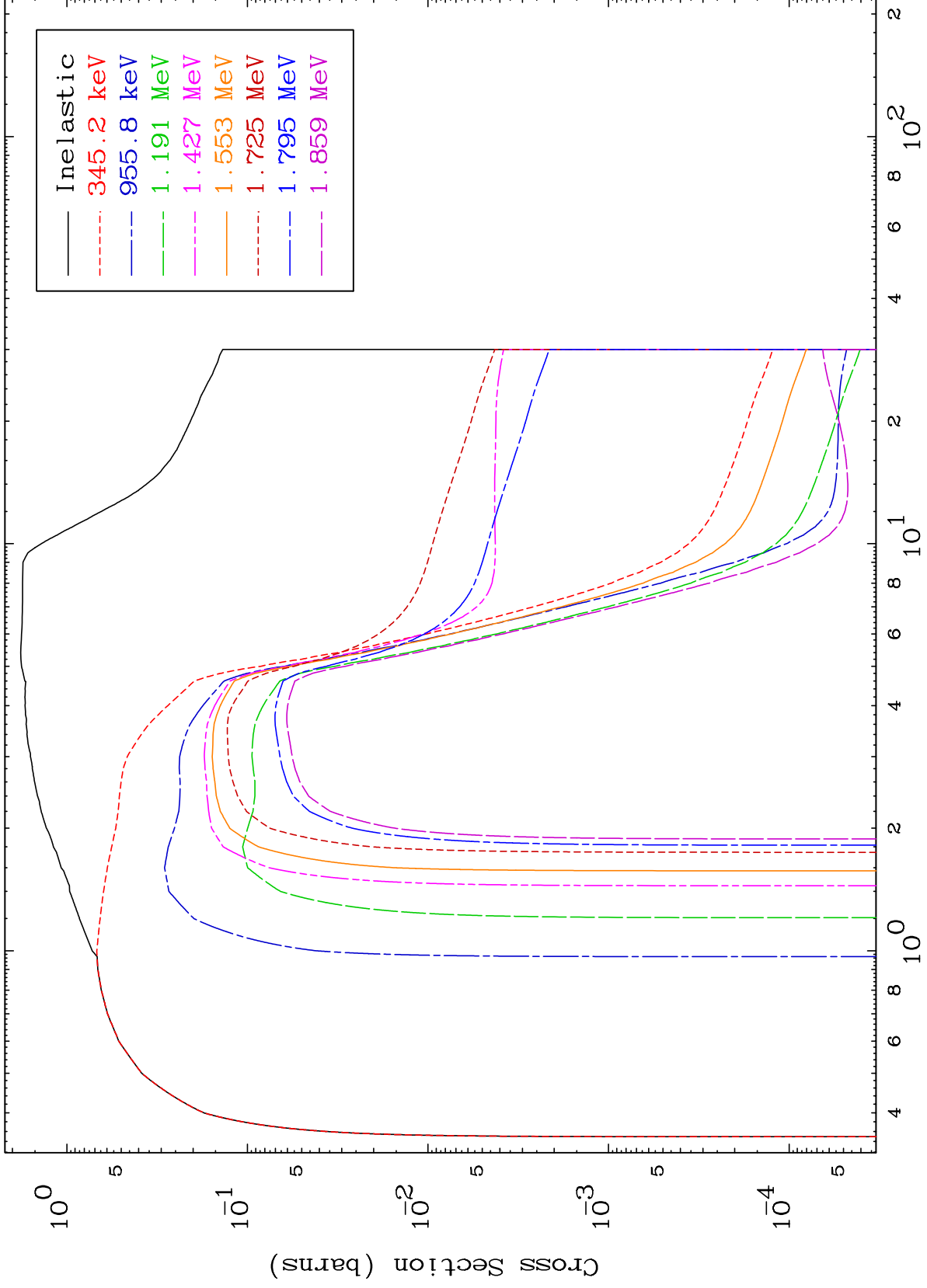
Incident Energy (MeV)

35-Br-85

MAT 3543

(n,n') Level
293 Kelvin Cross Sections

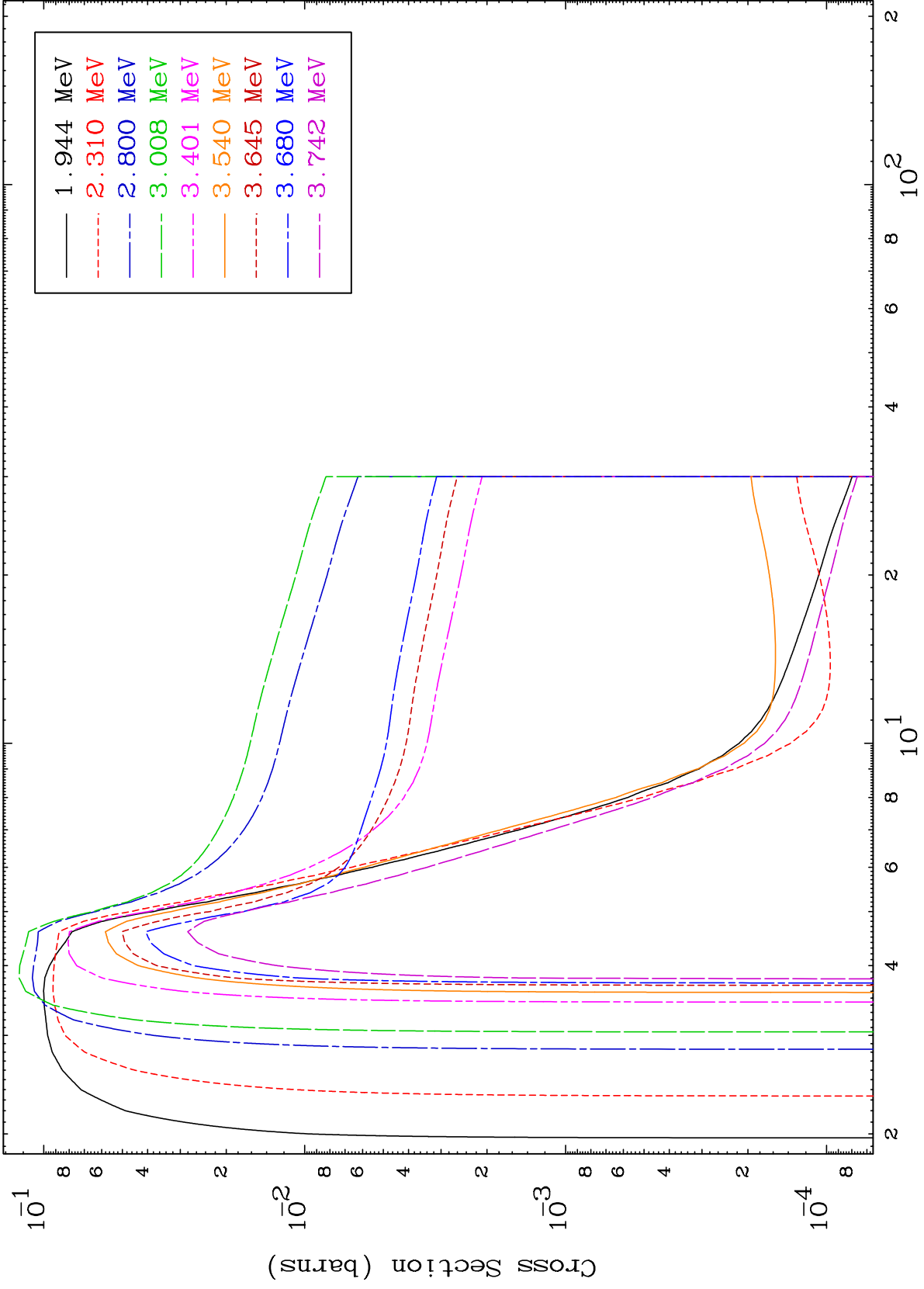
35-Br-85



MAT 3543

(n,n') Level
293 Kelvin Cross Sections

35-Br-85



8

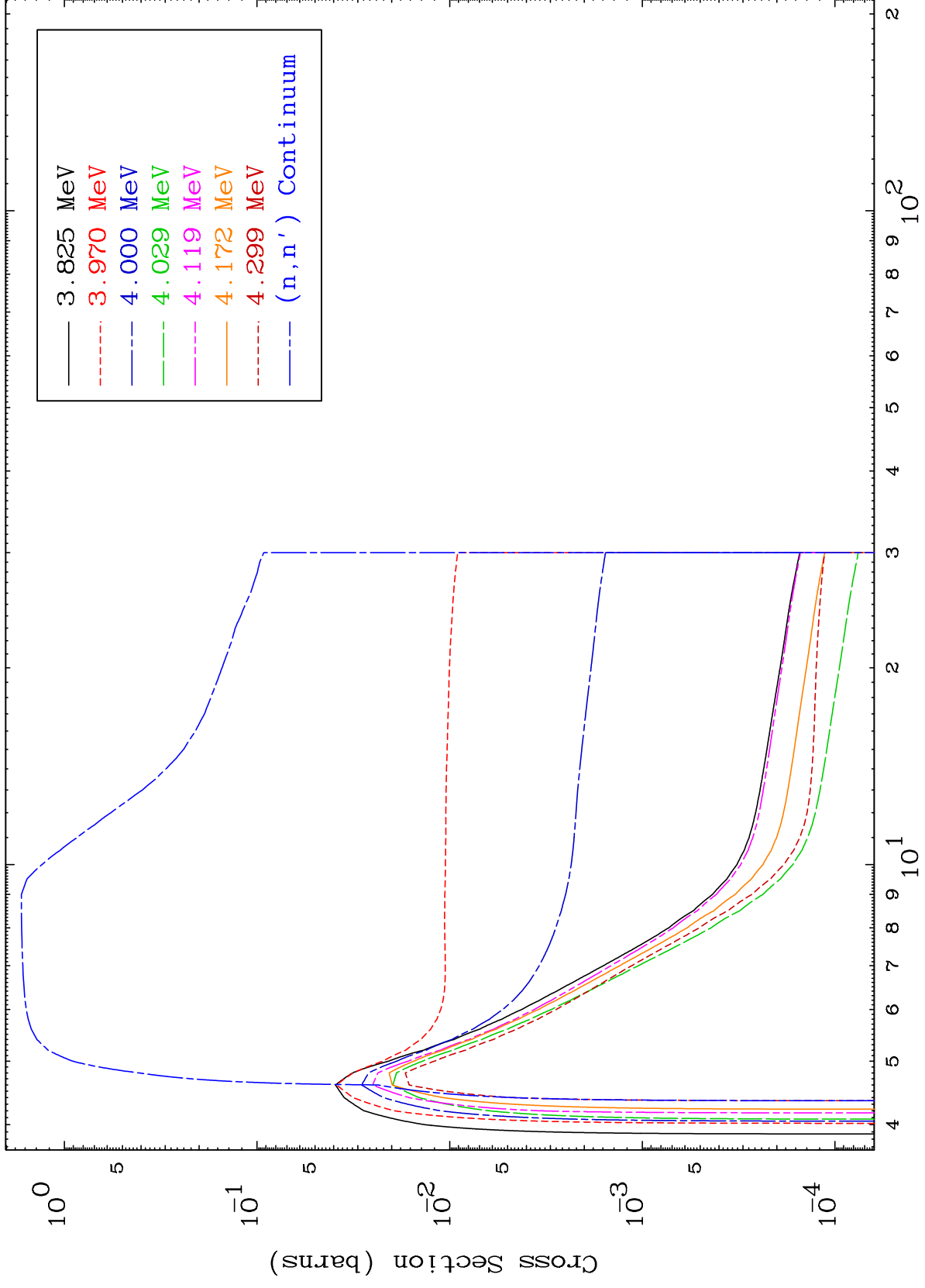
Incident Energy (MeV)

35-Br-85

MAT 3543

(n,n') Level
293 Kelvin Cross Sections

35-Br-85



9

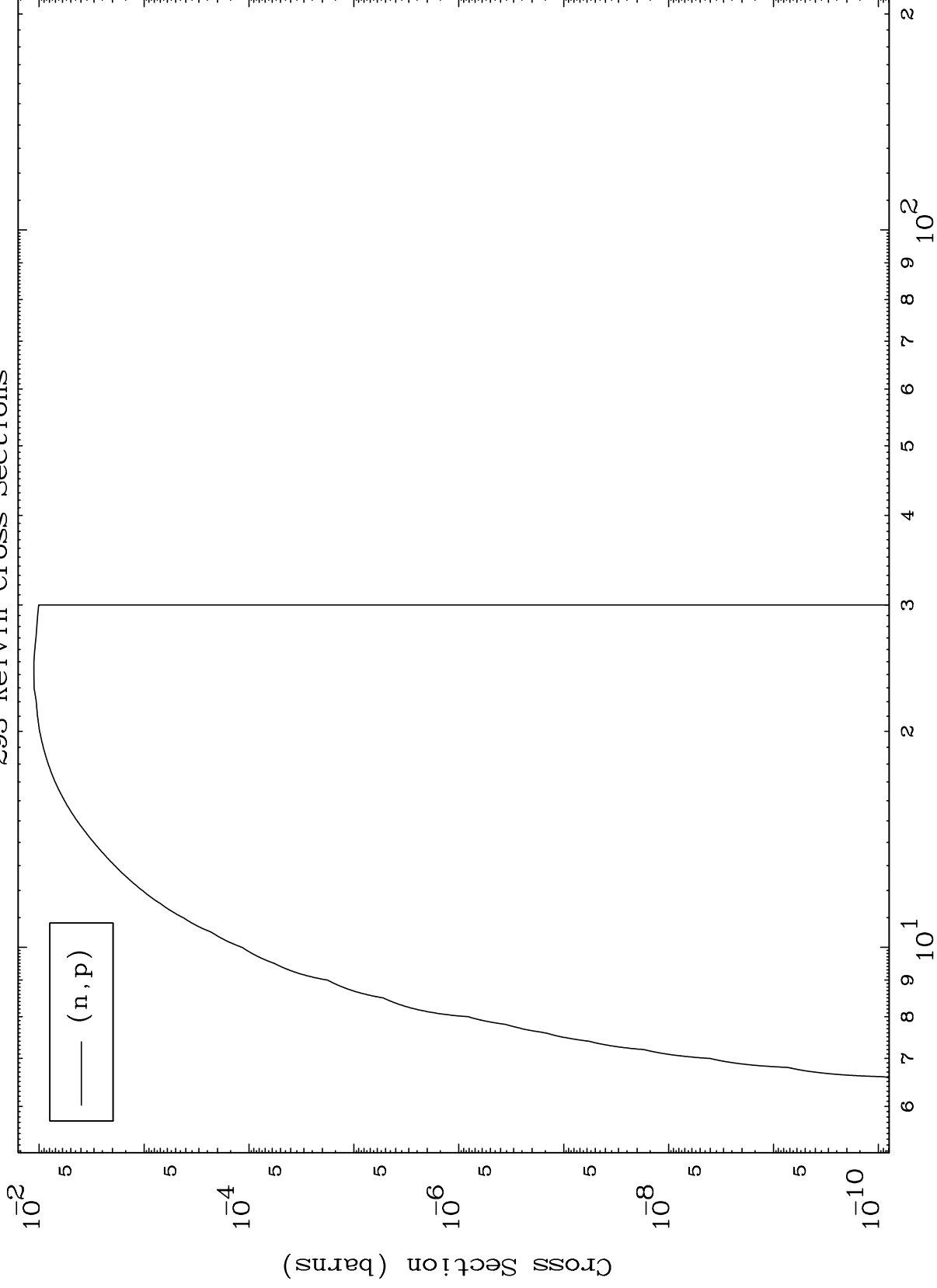
Incident Energy (MeV)

35-Br-85

MAT 3543

(n,p) Levels
293 Kelvin Cross Sections

35-Br-85



10

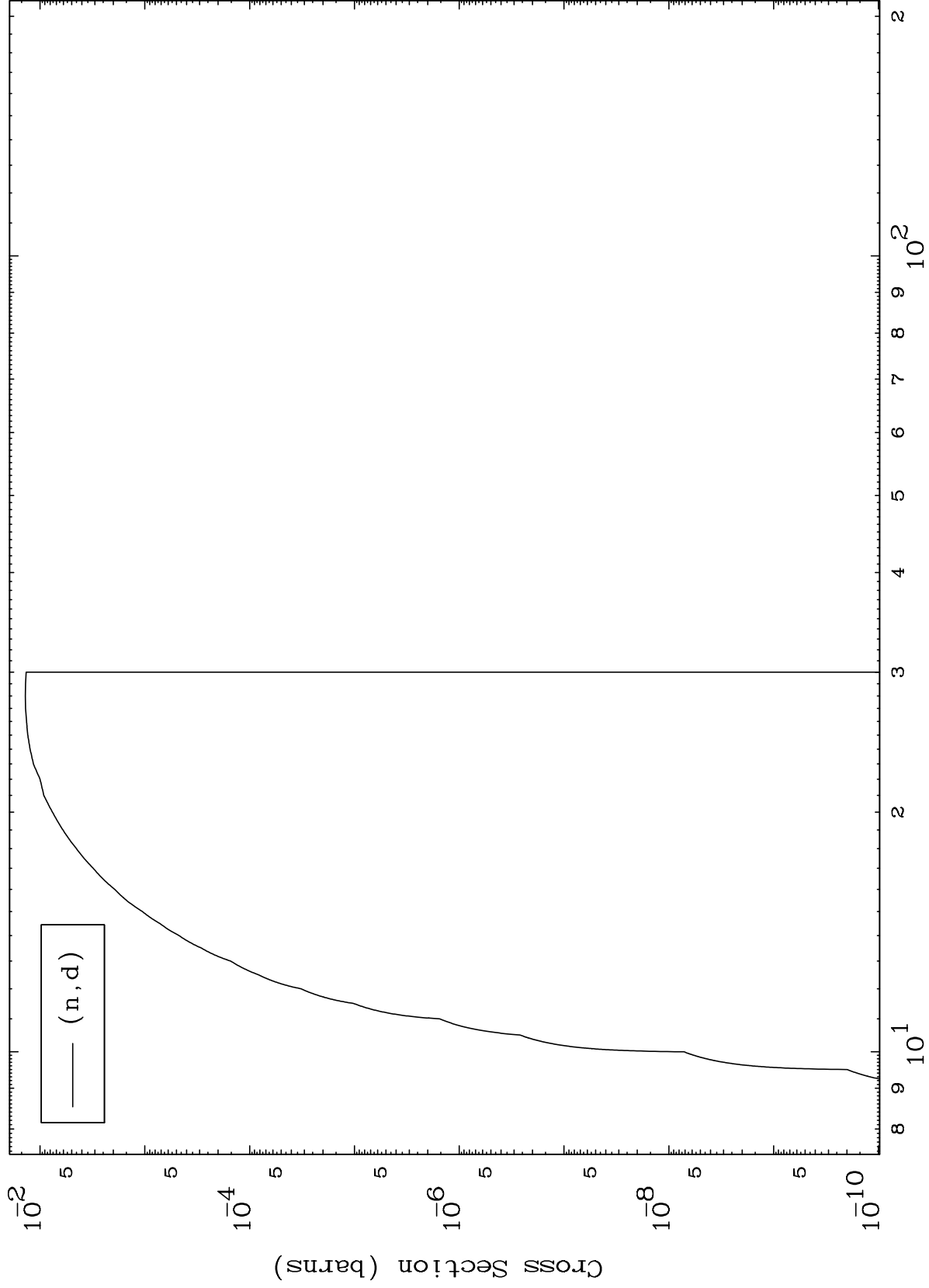
Incident Energy (MeV)

35-Br-85

MAT 3543

(n,d) Levels
293 Kelvin Cross Sections

35-Br-85



11

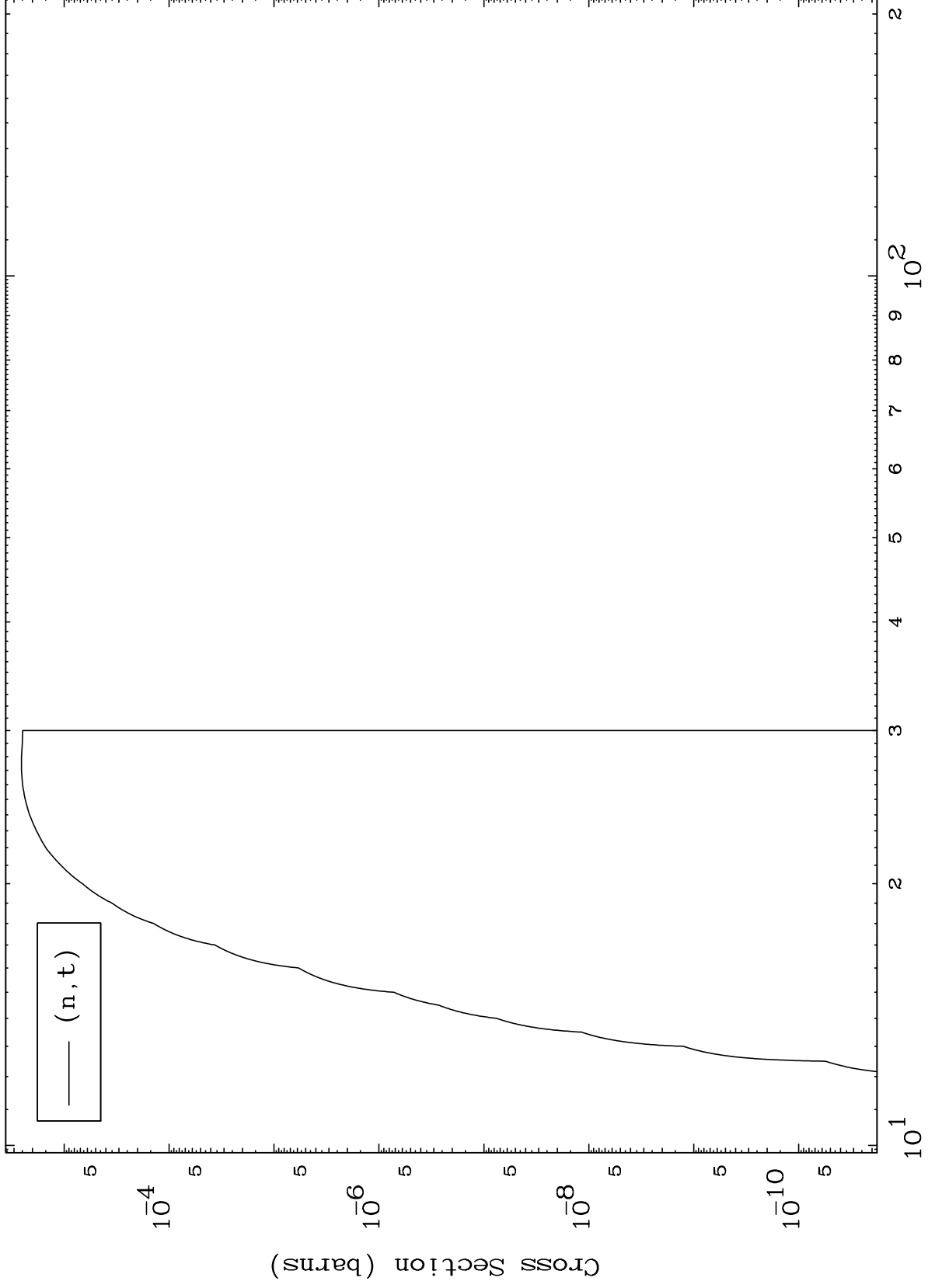
Incident Energy (MeV)

35-Br-85

MAT 3543

(n,t) Levels
293 Kelvin Cross Sections

35-Br-85



12

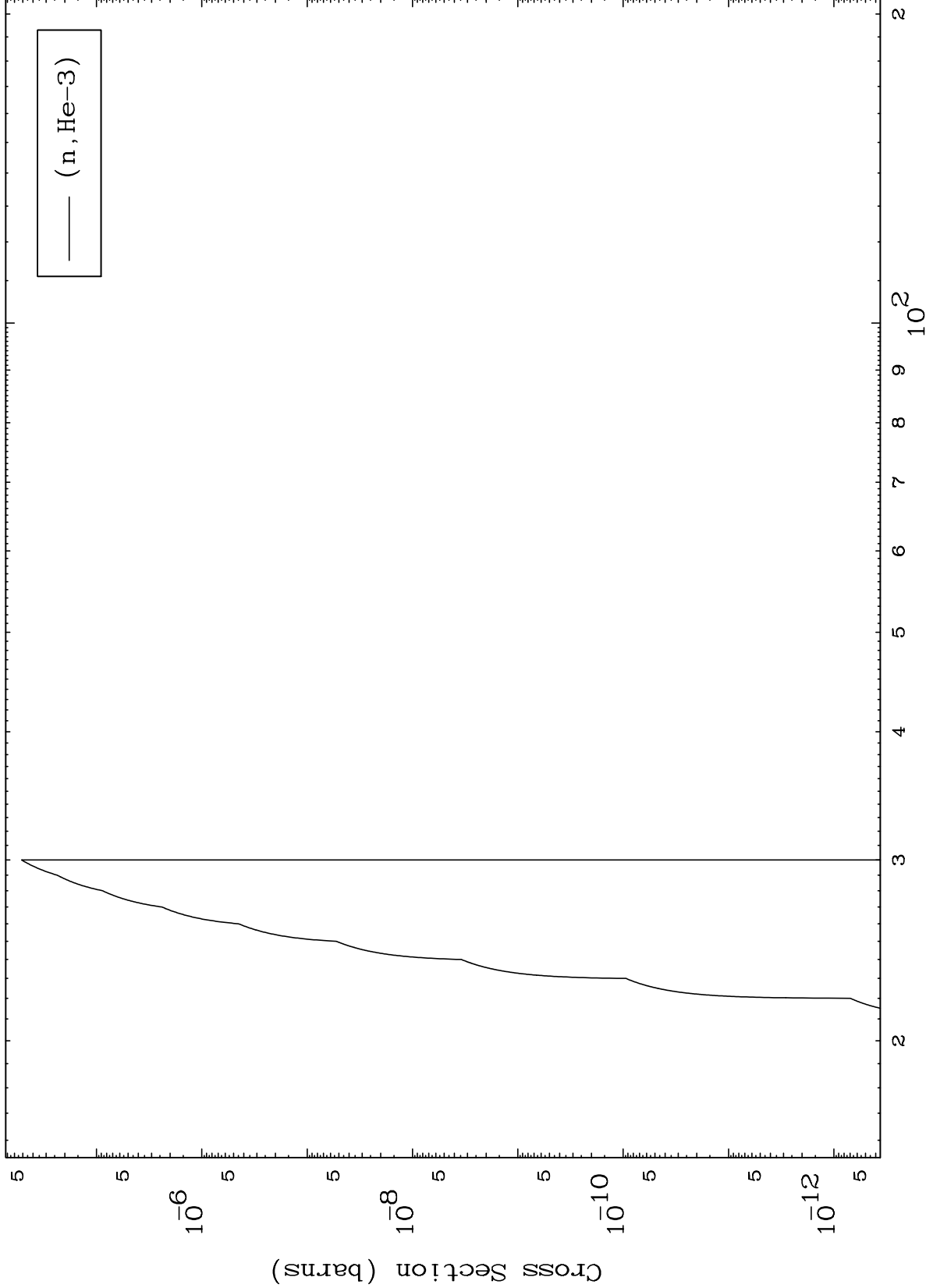
Incident Energy (MeV)

35-Br-85

MAT 3543

(n,He3) Levels
293 Kelvin Cross Sections

35-Br-85



13

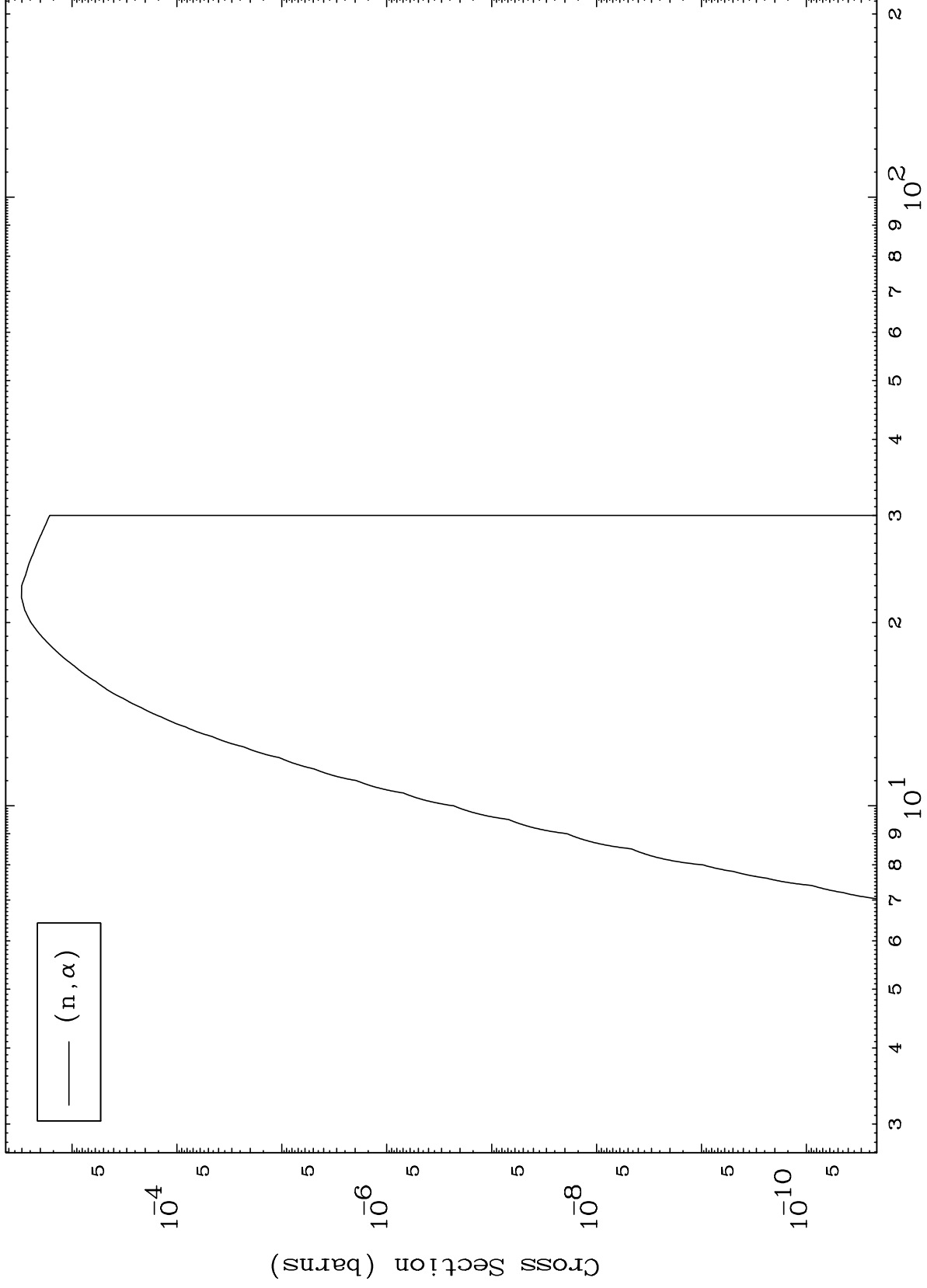
Incident Energy (MeV)

35-Br-85

MAT 3543

(n, α) Levels
293 Kelvin Cross Sections

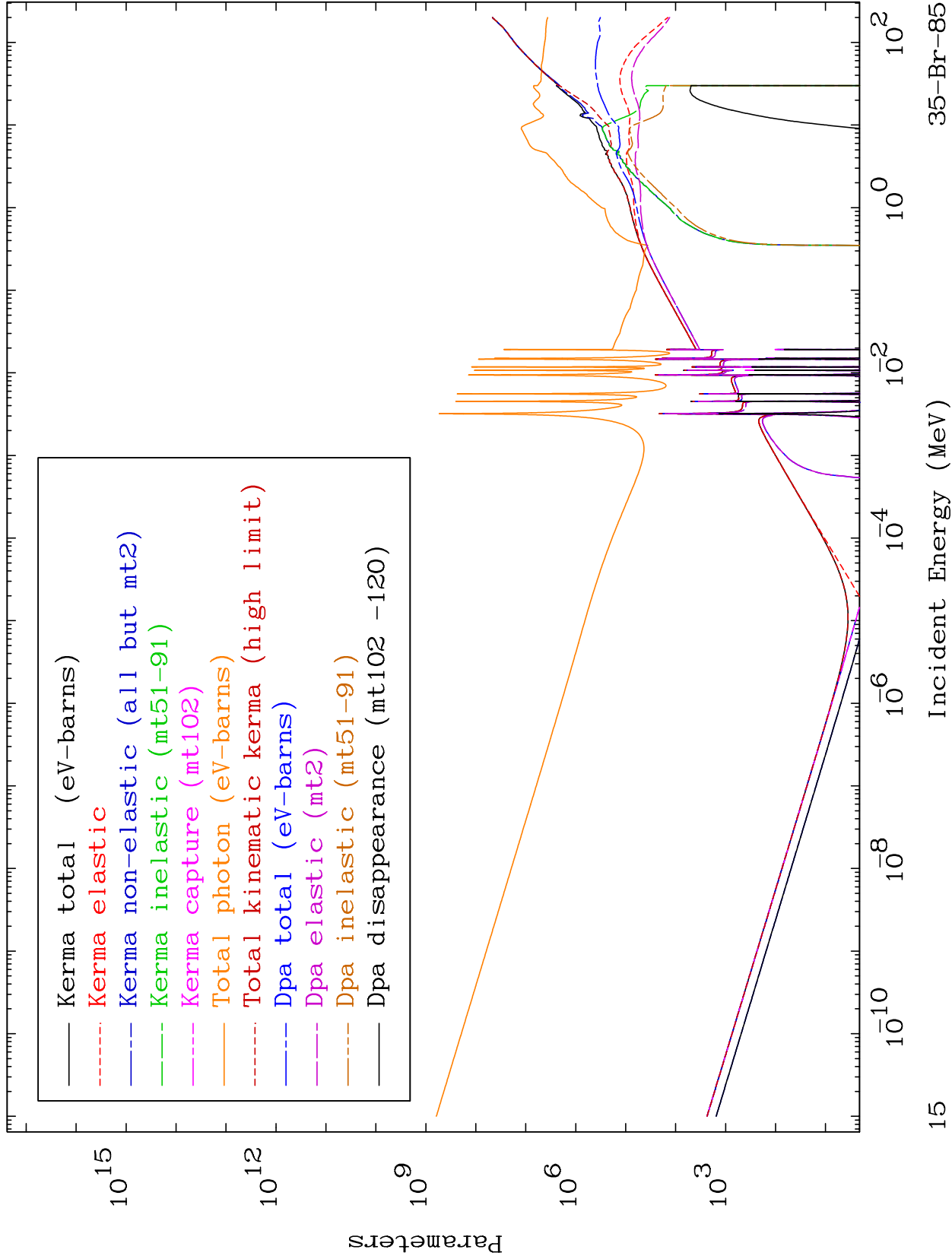
35-Br-85



14

Incident Energy (MeV)

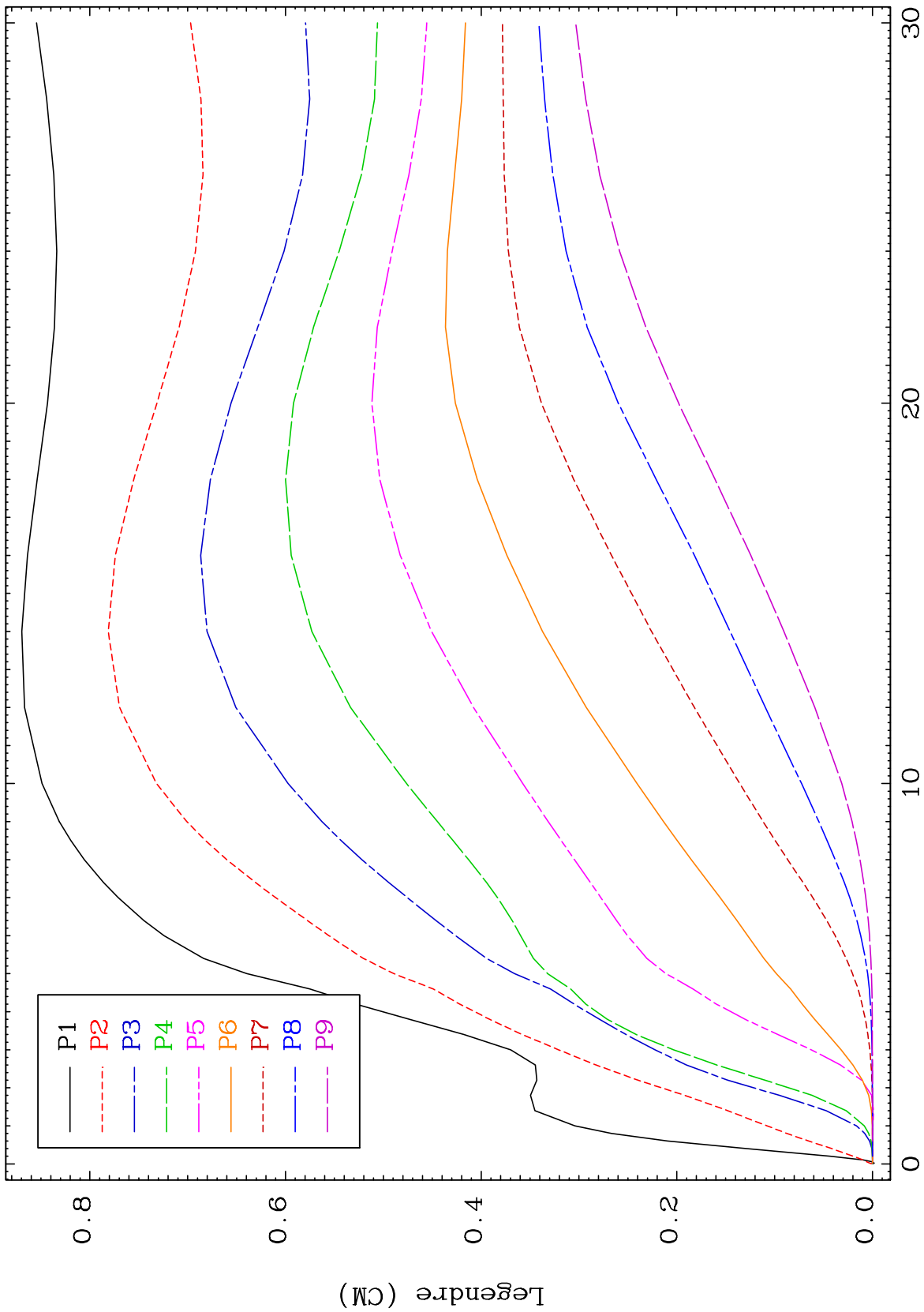
35-Br-85



MAT 3543

Elastic Legendre Coefficients

35-Br-85



16

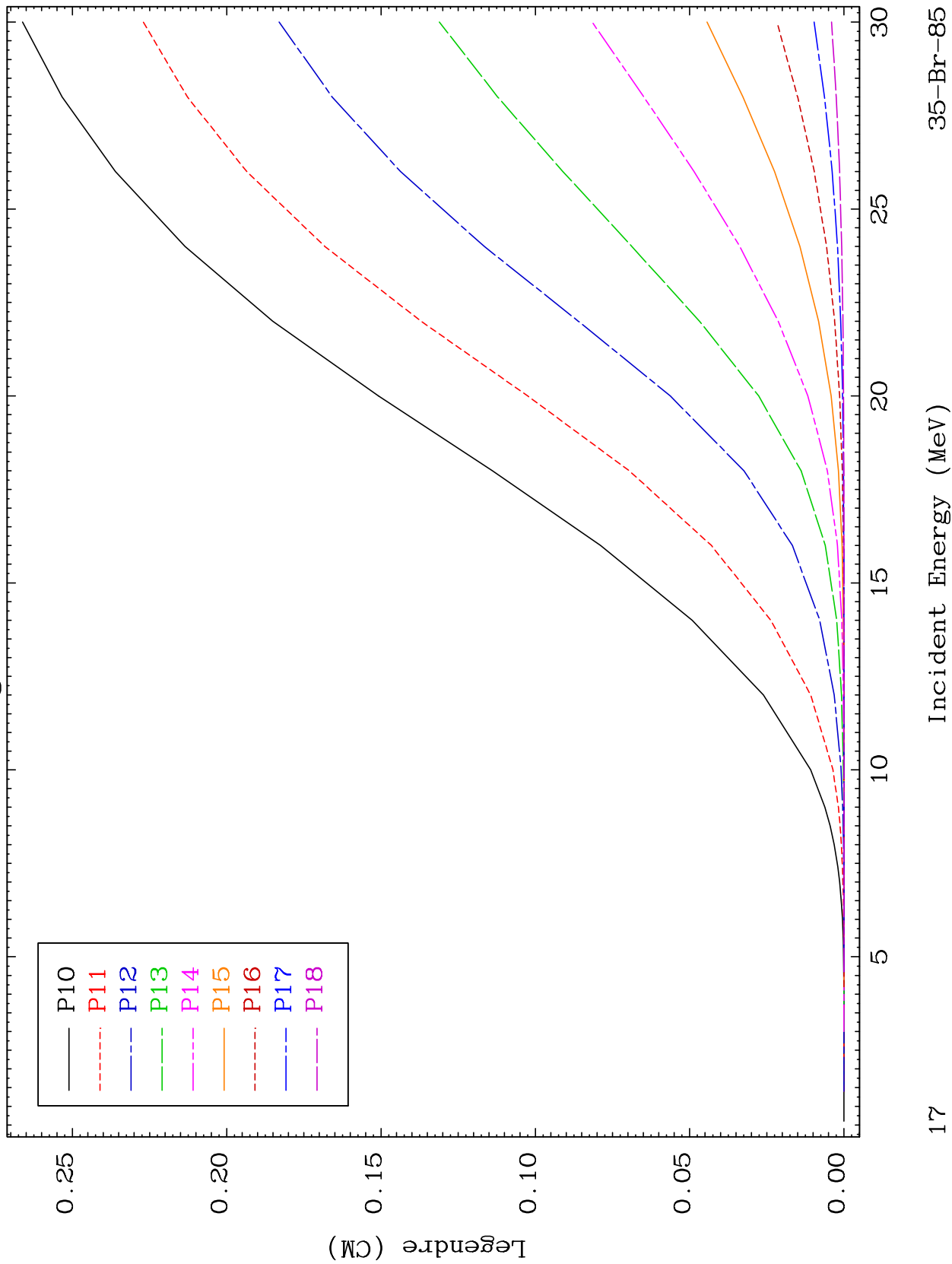
Incident Energy (MeV)

35-Br-85

MAT 3543

Elastic Legendre Coefficients

35-Br-85

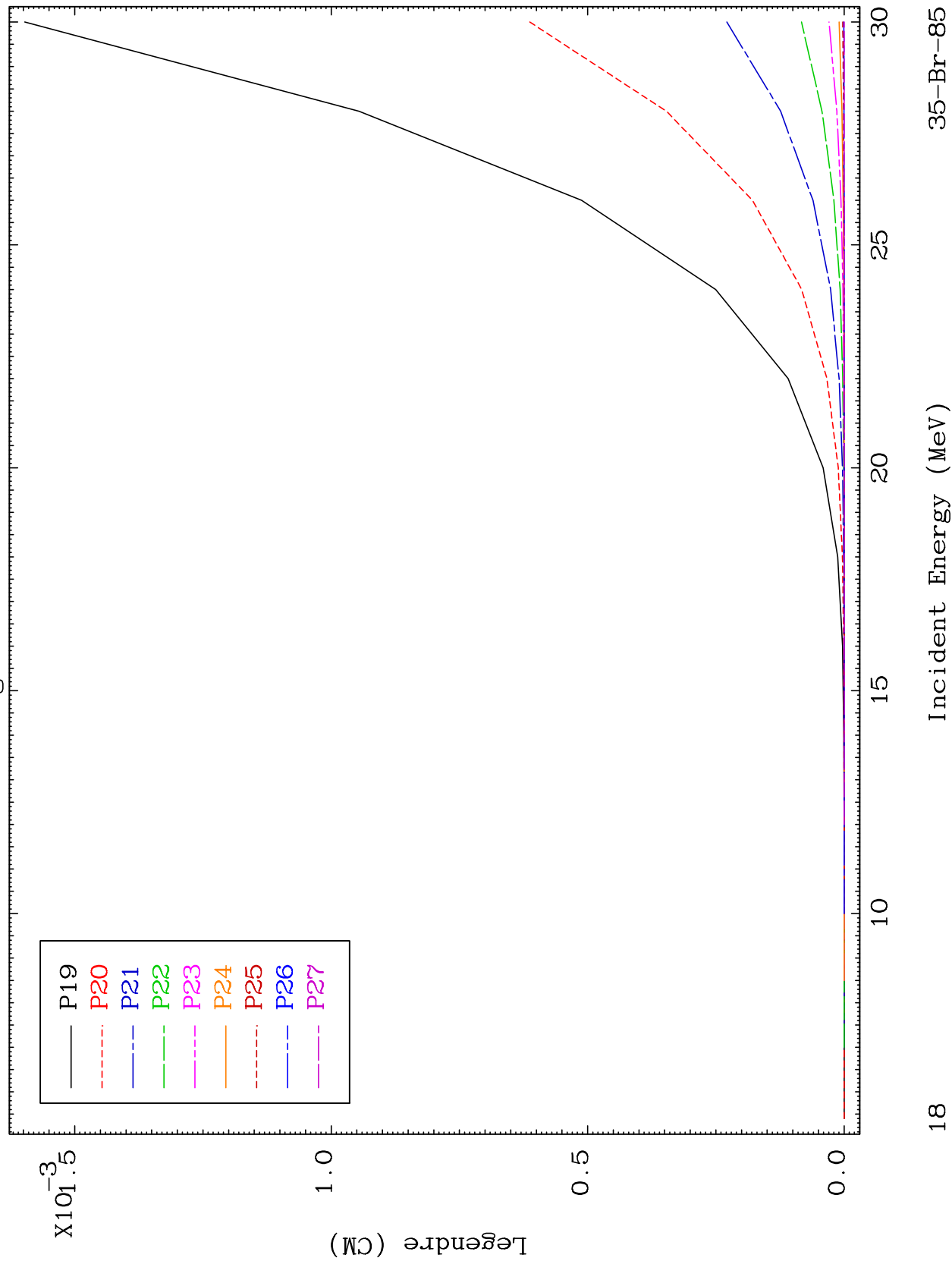


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MAT 3543

Elastic Legendre Coefficients

35-Br-85



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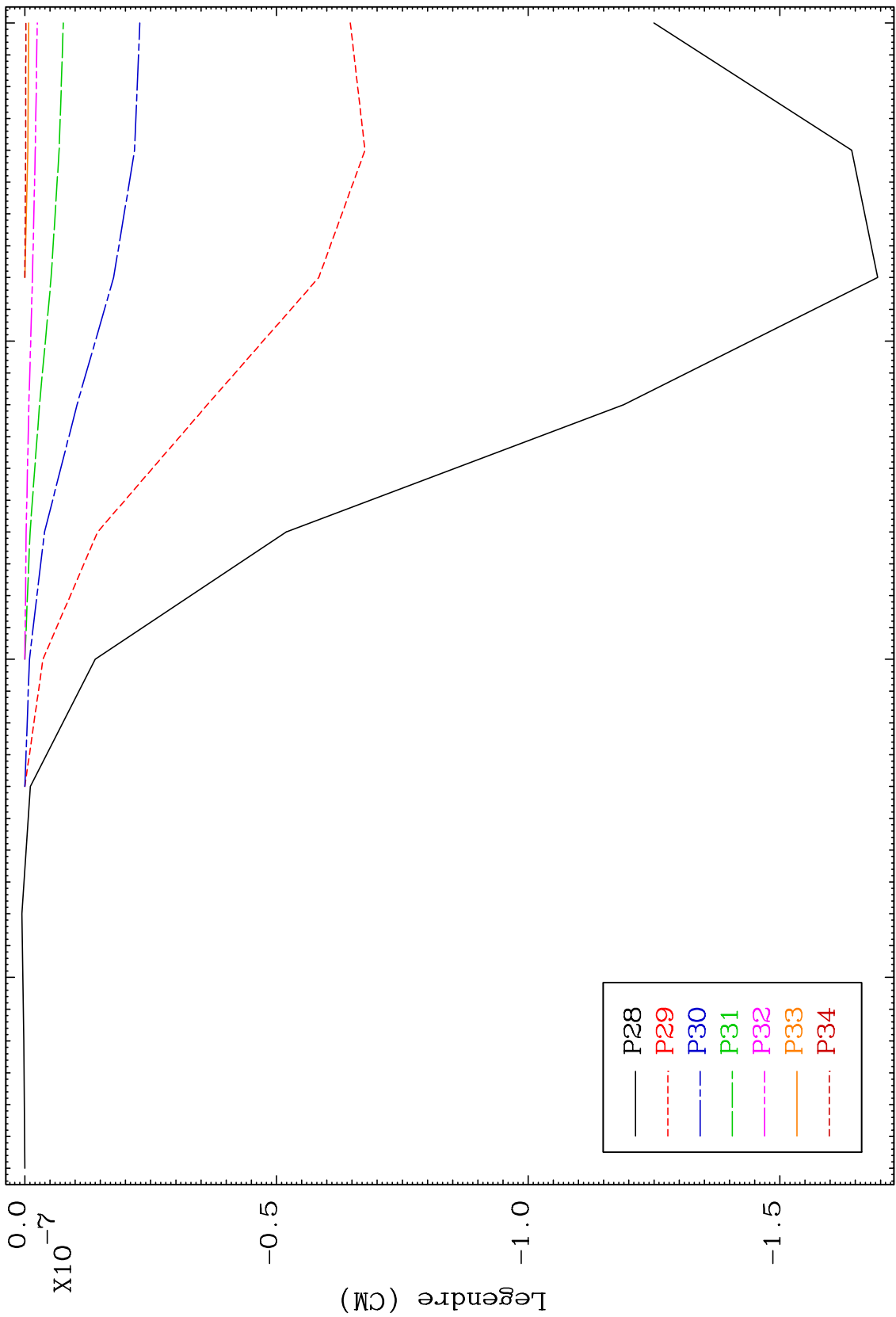
Incident Energy (MeV)

35-Br-85

MAT 3543

35-Br-85

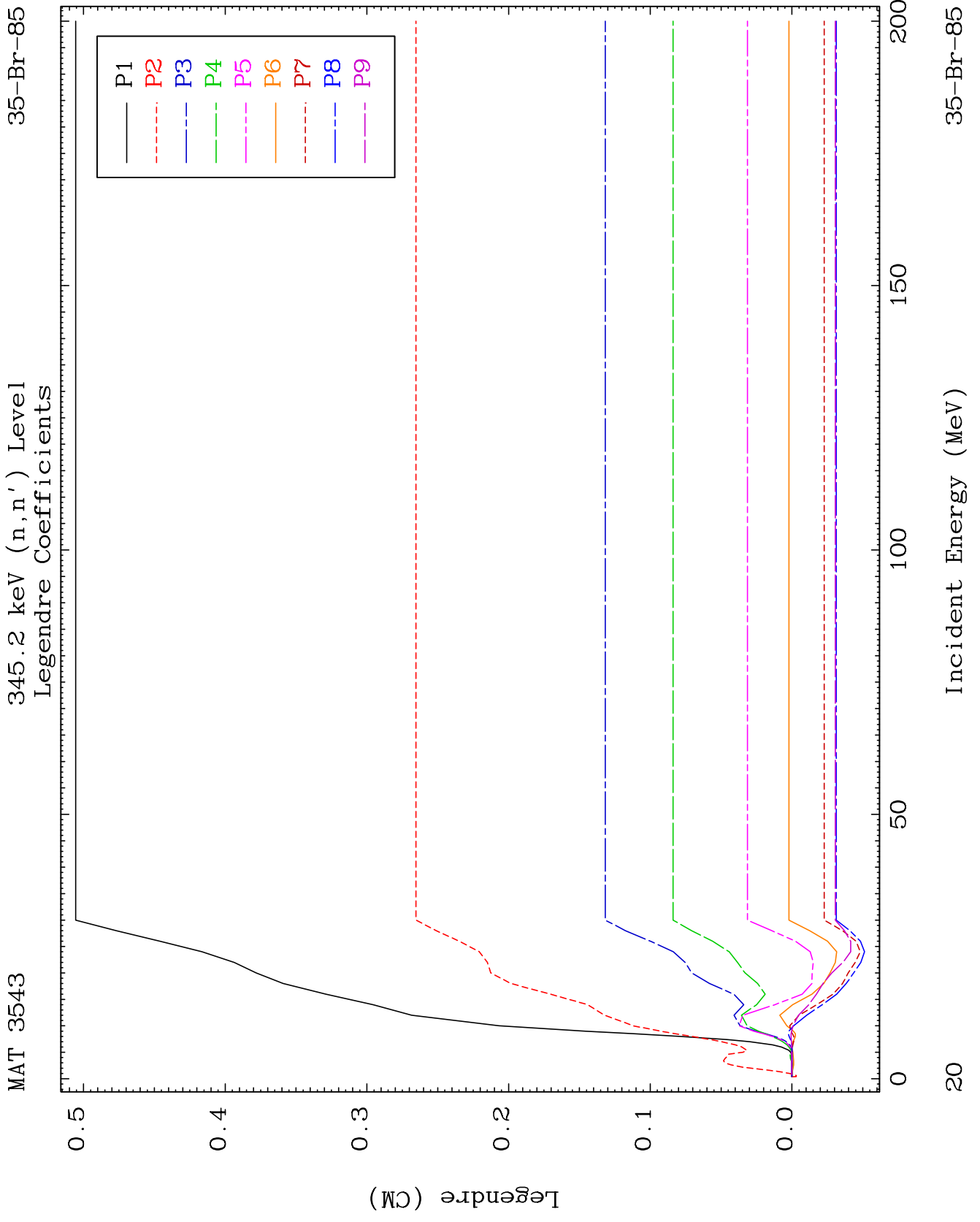
Elastic Legendre Coefficients



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Incident Energy (MeV)

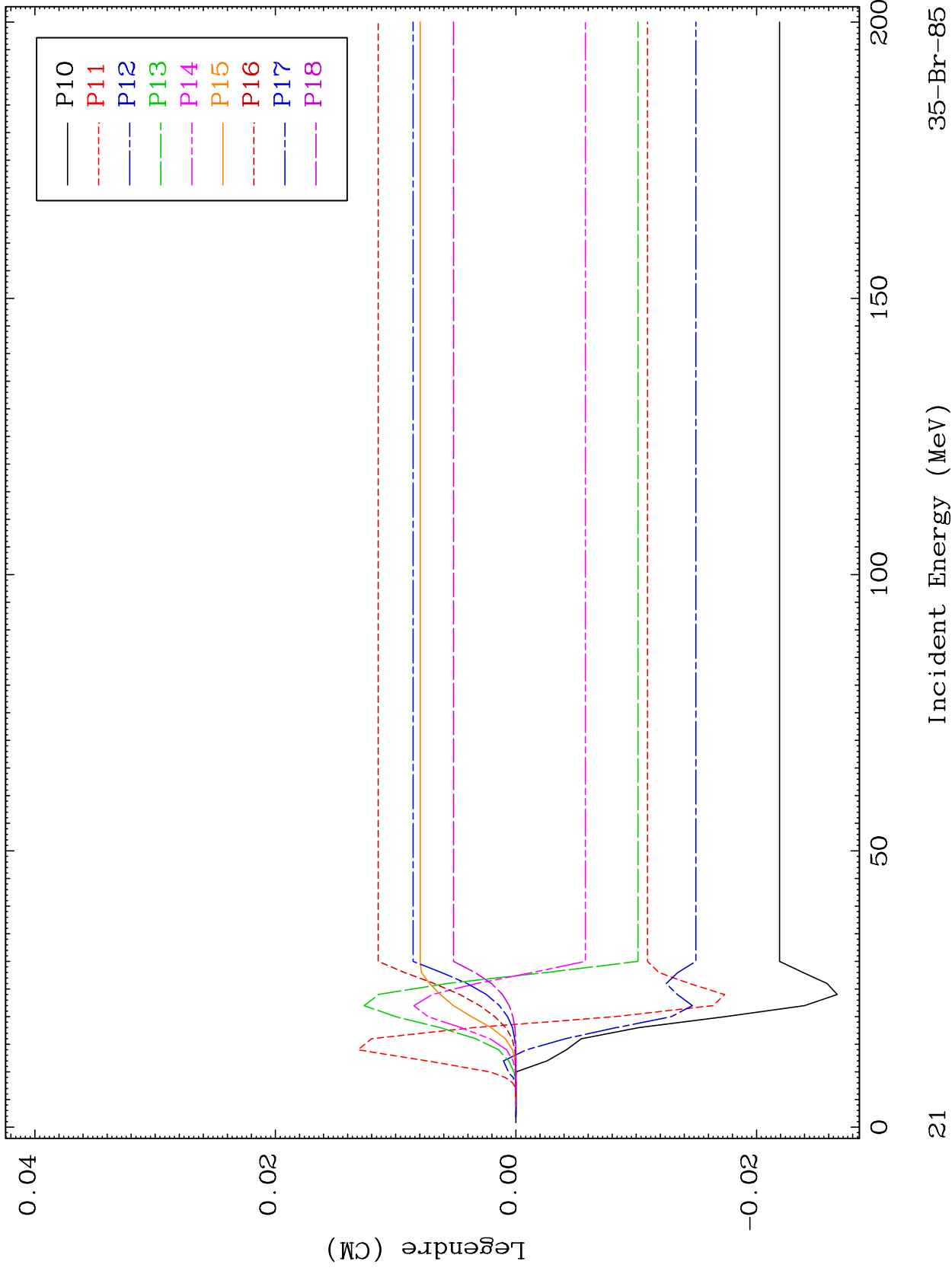
35-Br-85



MAT 3543

345.2 keV (n,n') Level
Legendre Coefficients

35-Br-85



21

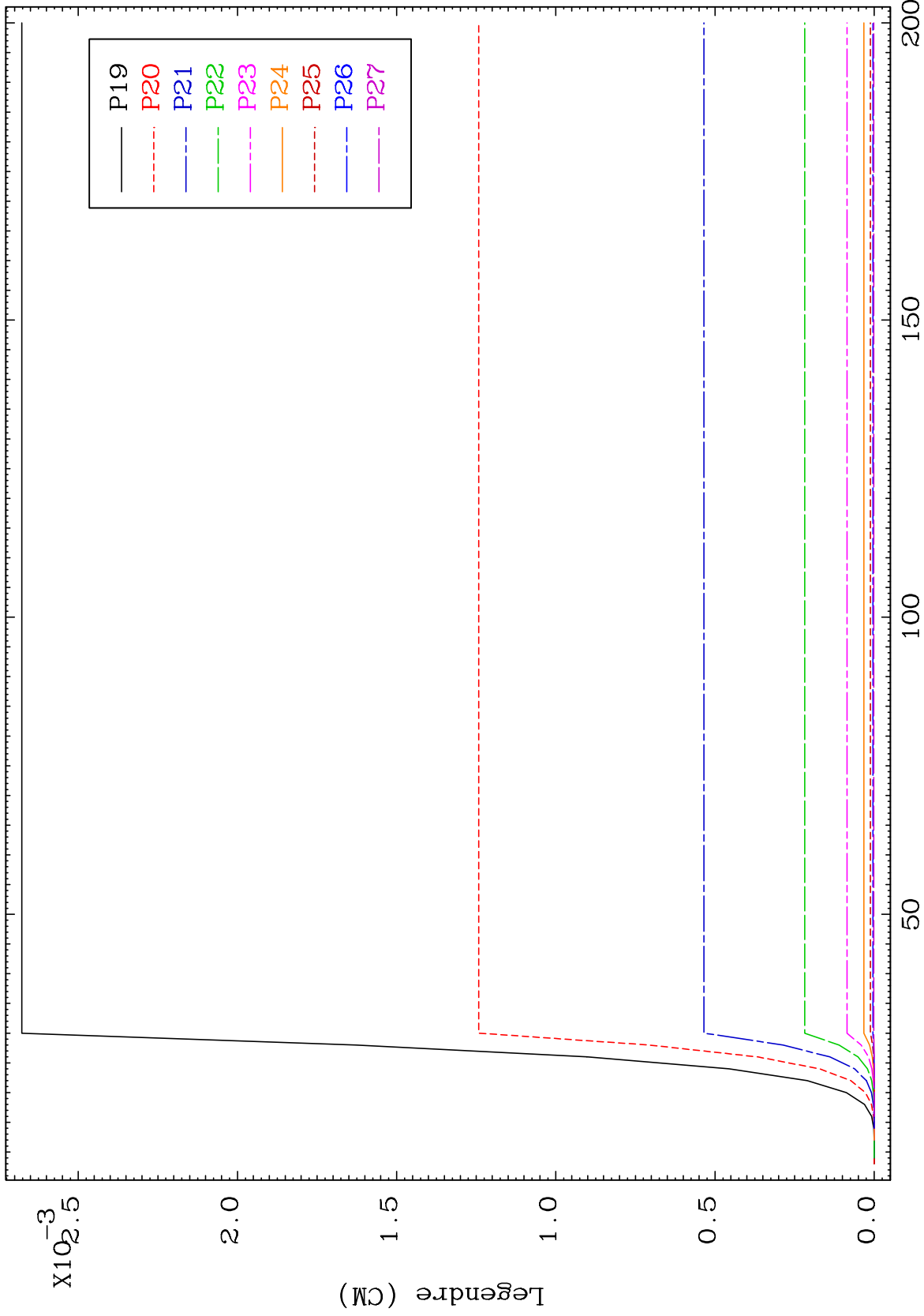
Incident Energy (MeV)

35-Br-85

MAT 3543

345.2 keV (n,n') Level
Legendre Coefficients

35-Br-85



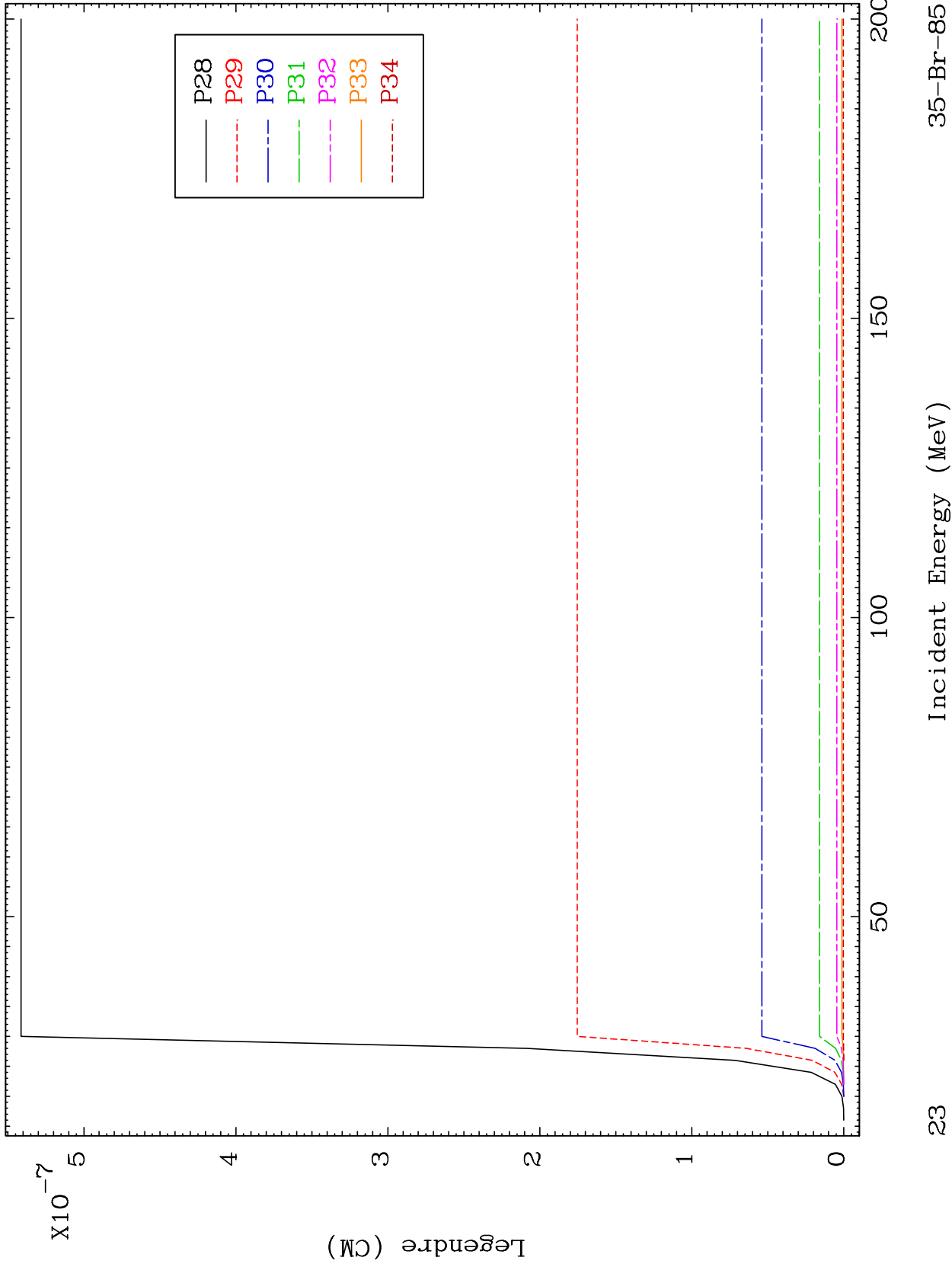
22

35-Br-85

MAT 3543

345.2 keV (n,n') Level
Legendre Coefficients

35-Br-85



23

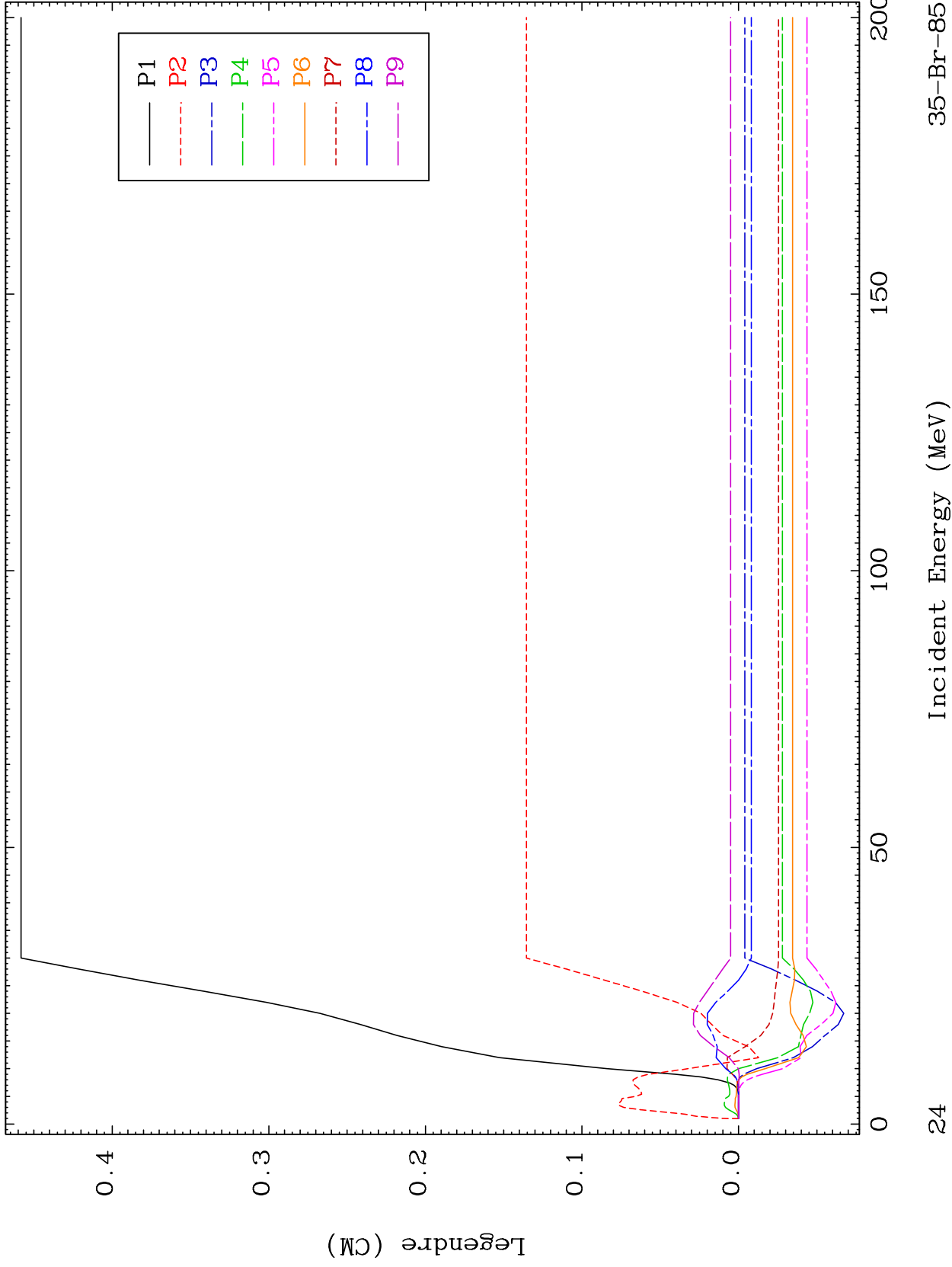
Incident Energy (MeV)

35-Br-85

MAT 3543

955.8 keV (n,n') Level
Legendre Coefficients

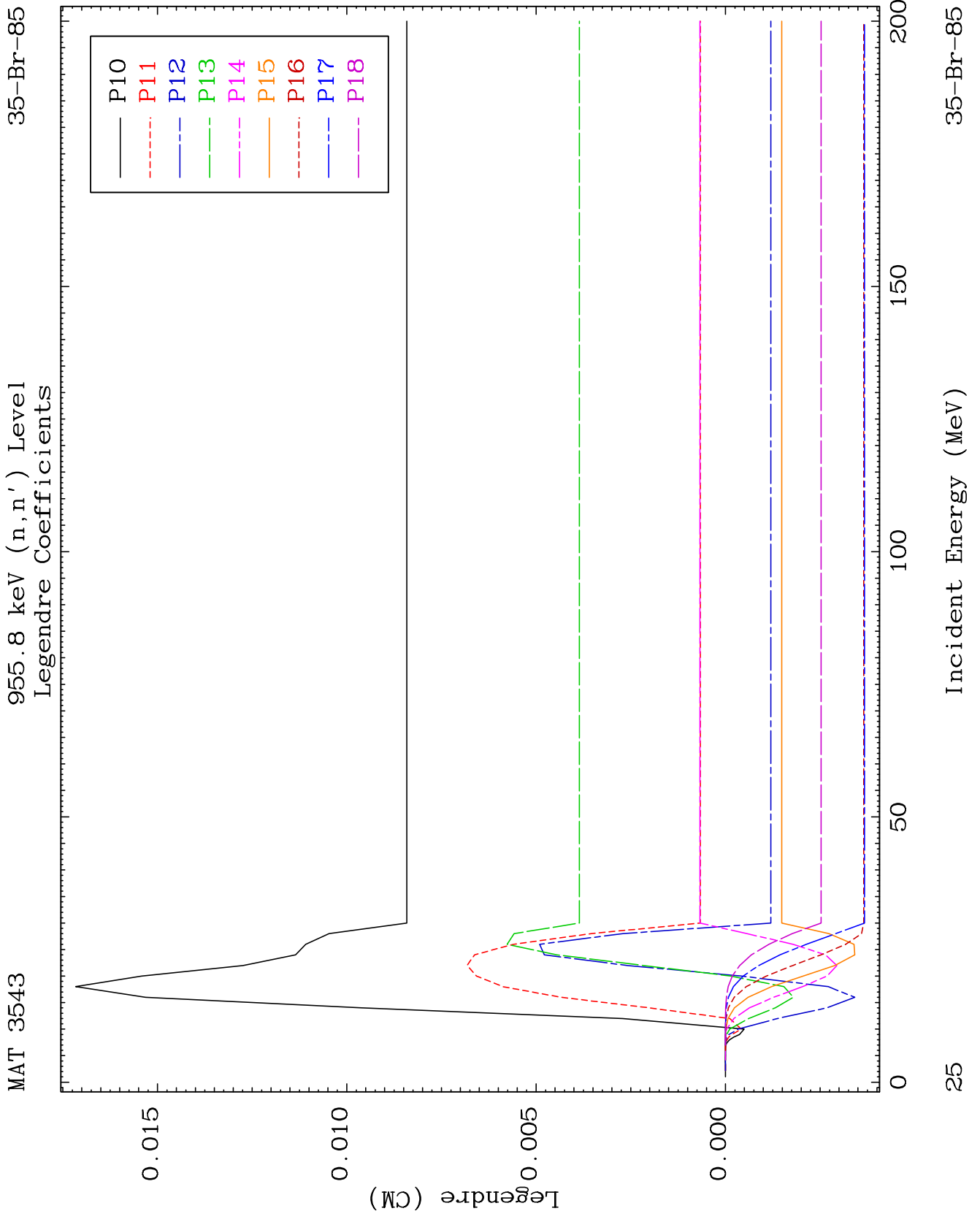
35-Br-85

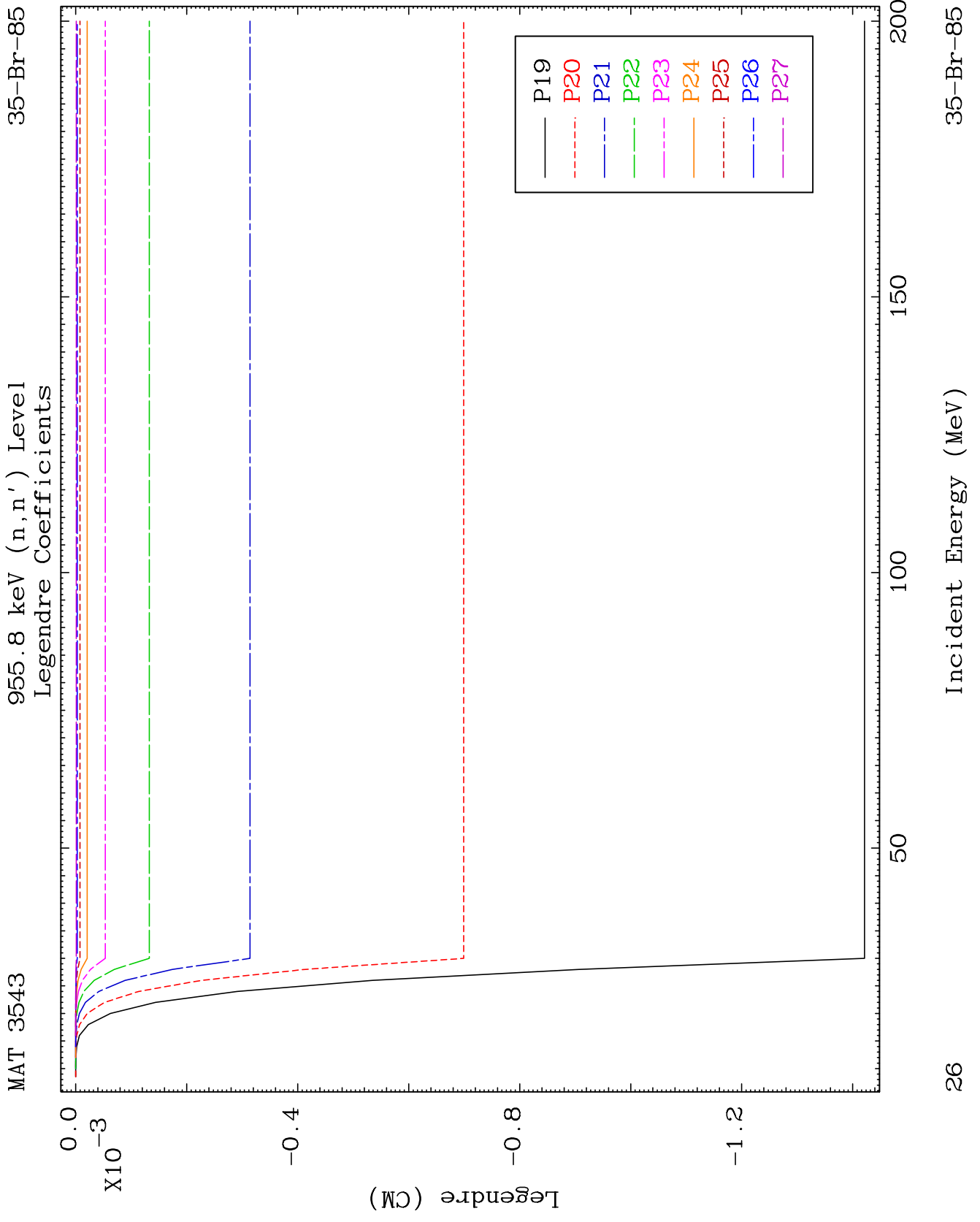


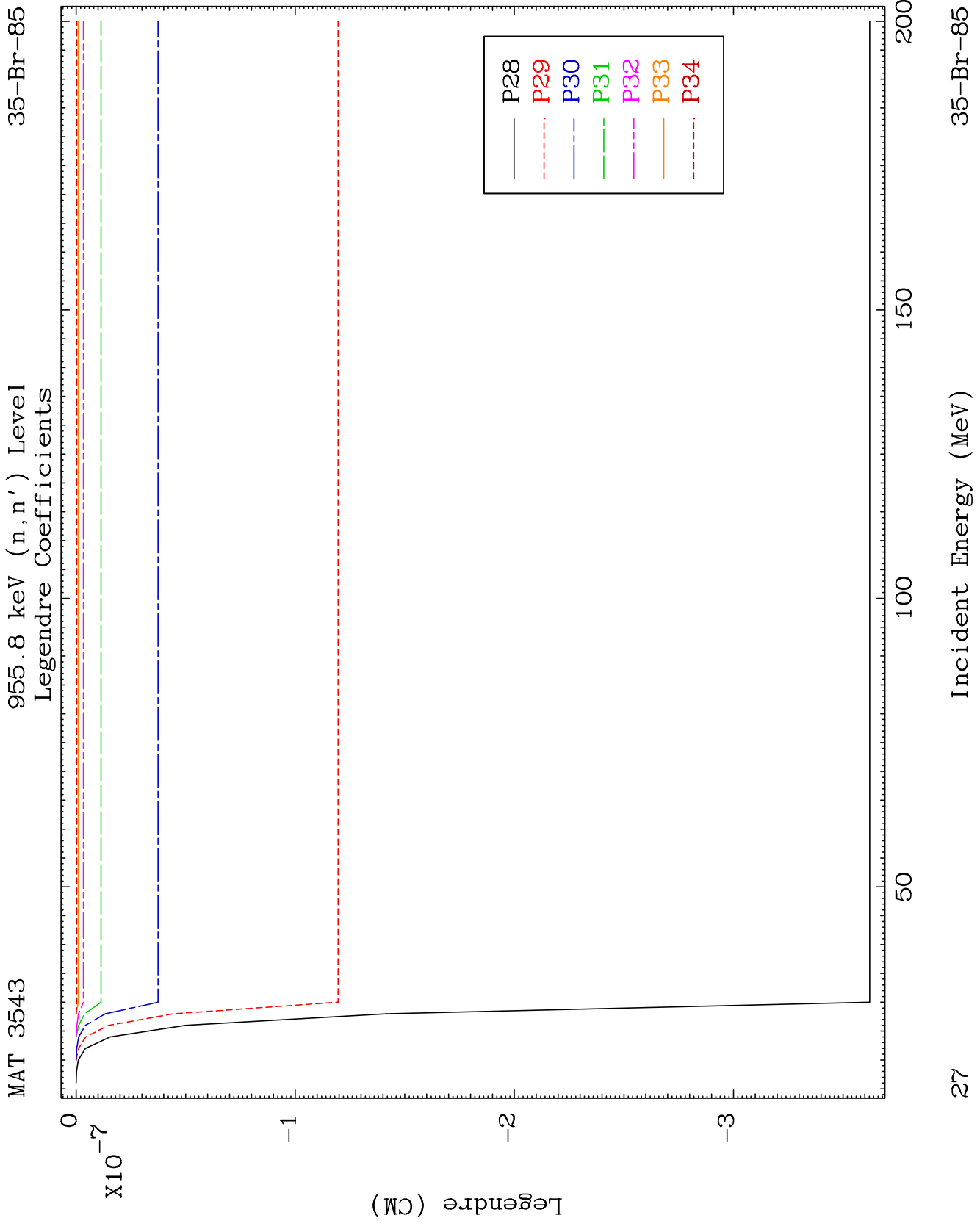
24

Incident Energy (MeV)

35-Br-85



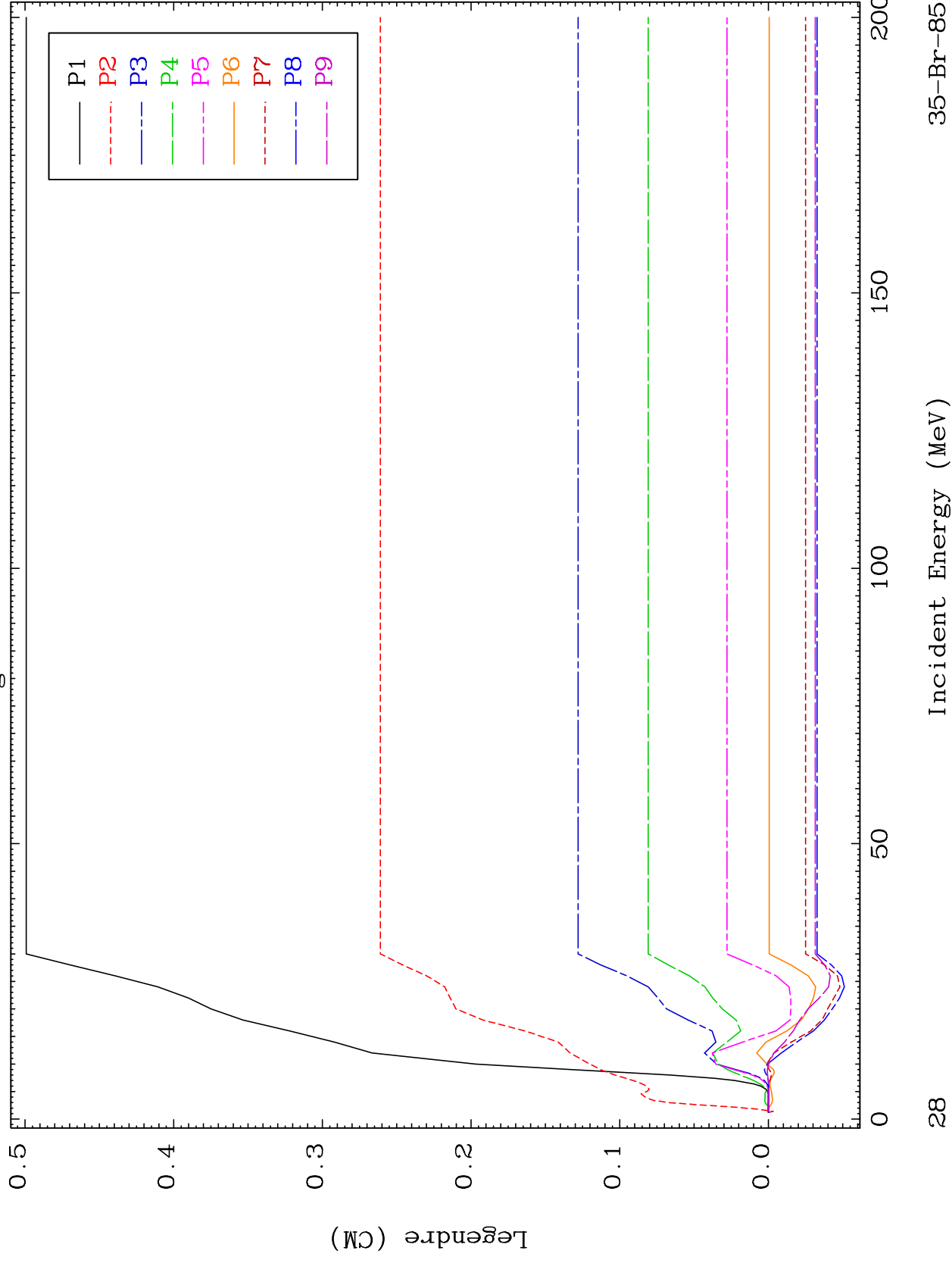




MAT 3543

1.191 MeV (n,n') Level
Legendre Coefficients

35-Br-85



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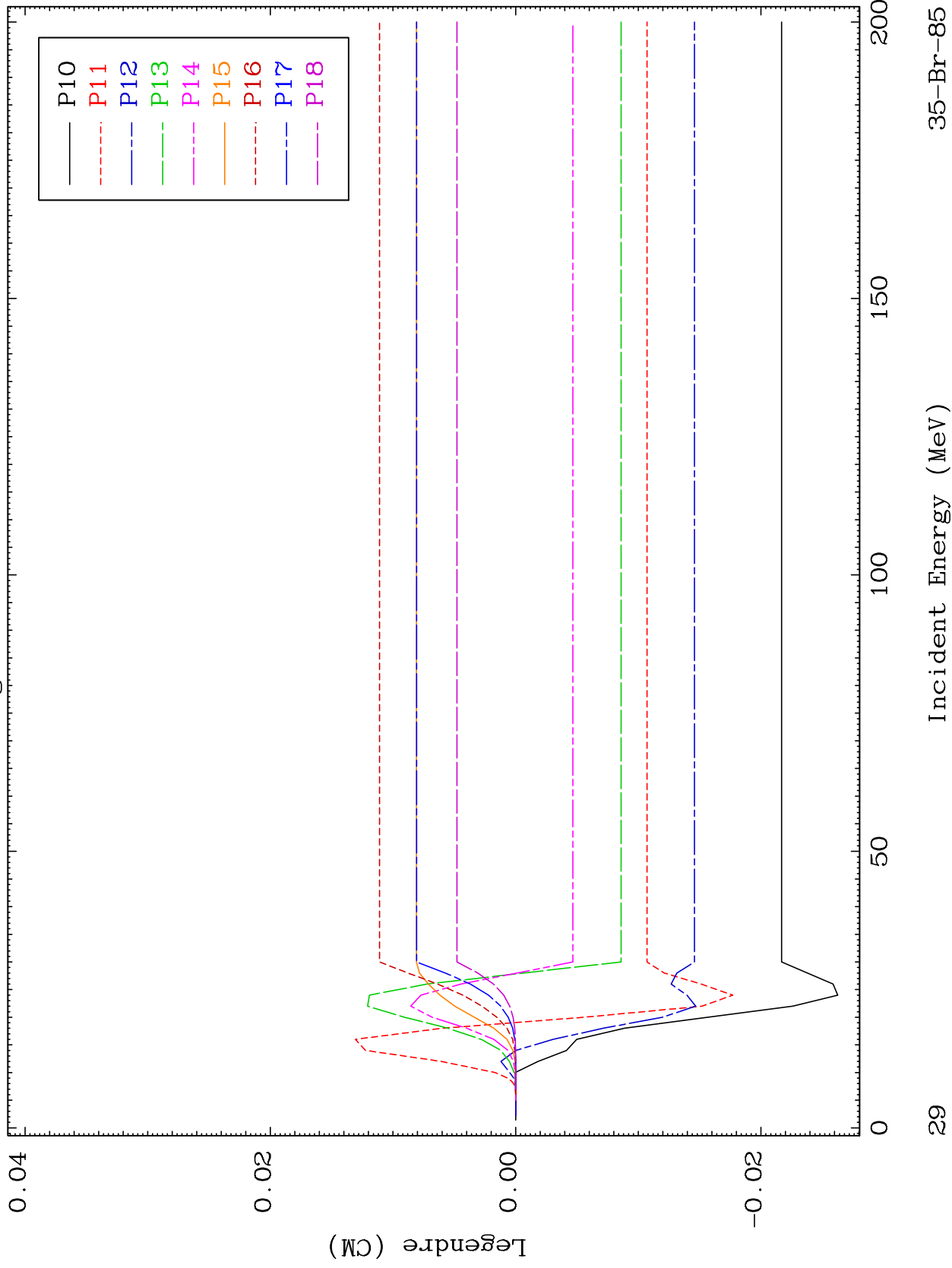
Incident Energy (MeV)

35-Br-85

MAT 3543

1.191 MeV (n,n') Level
Legendre Coefficients

35-Br-85



35-Br-85

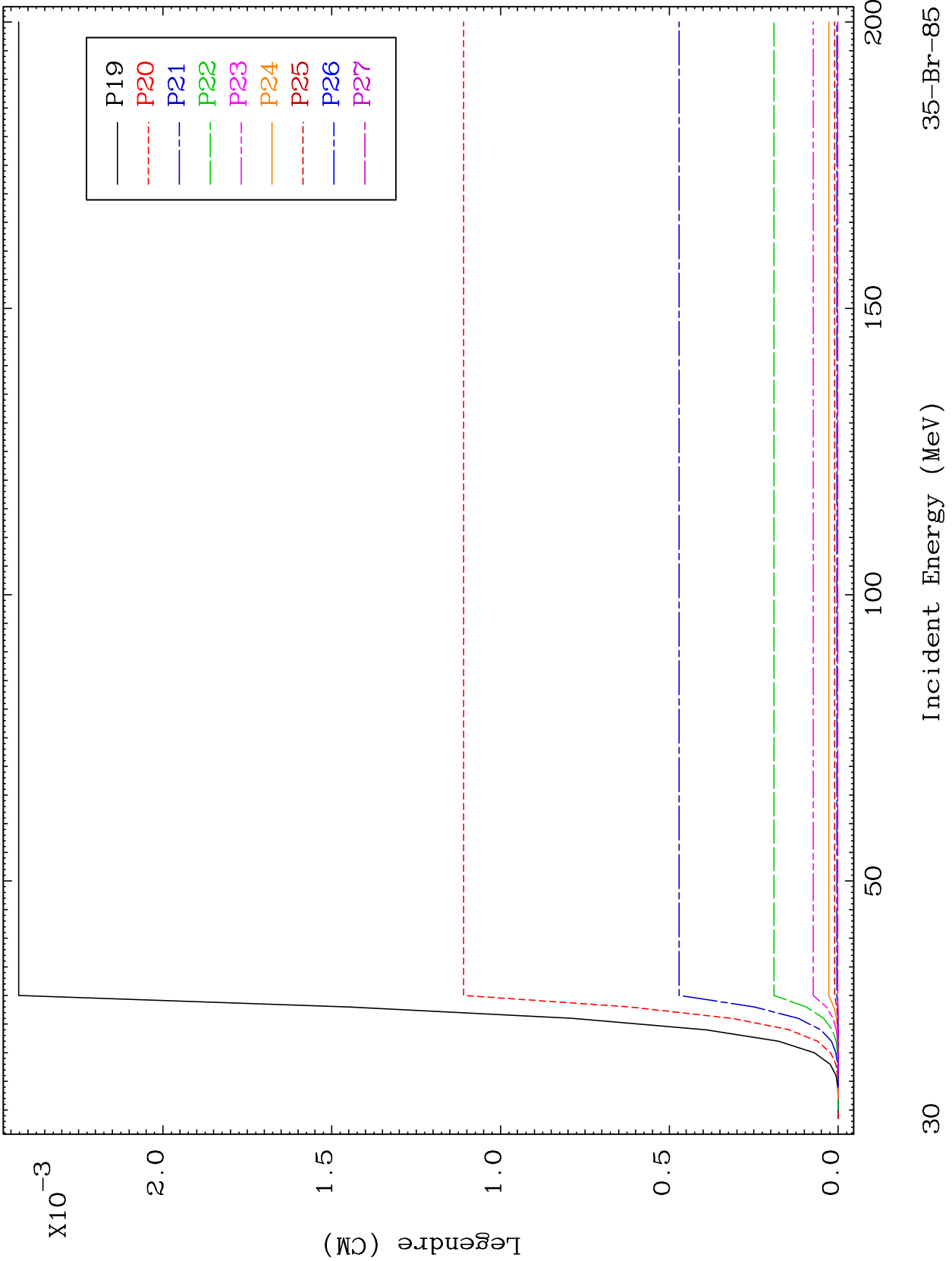
Incident Energy (MeV)

29

MAT 3543

1.191 MeV (n,n') Level
Legendre Coefficients

35-Br-85



30

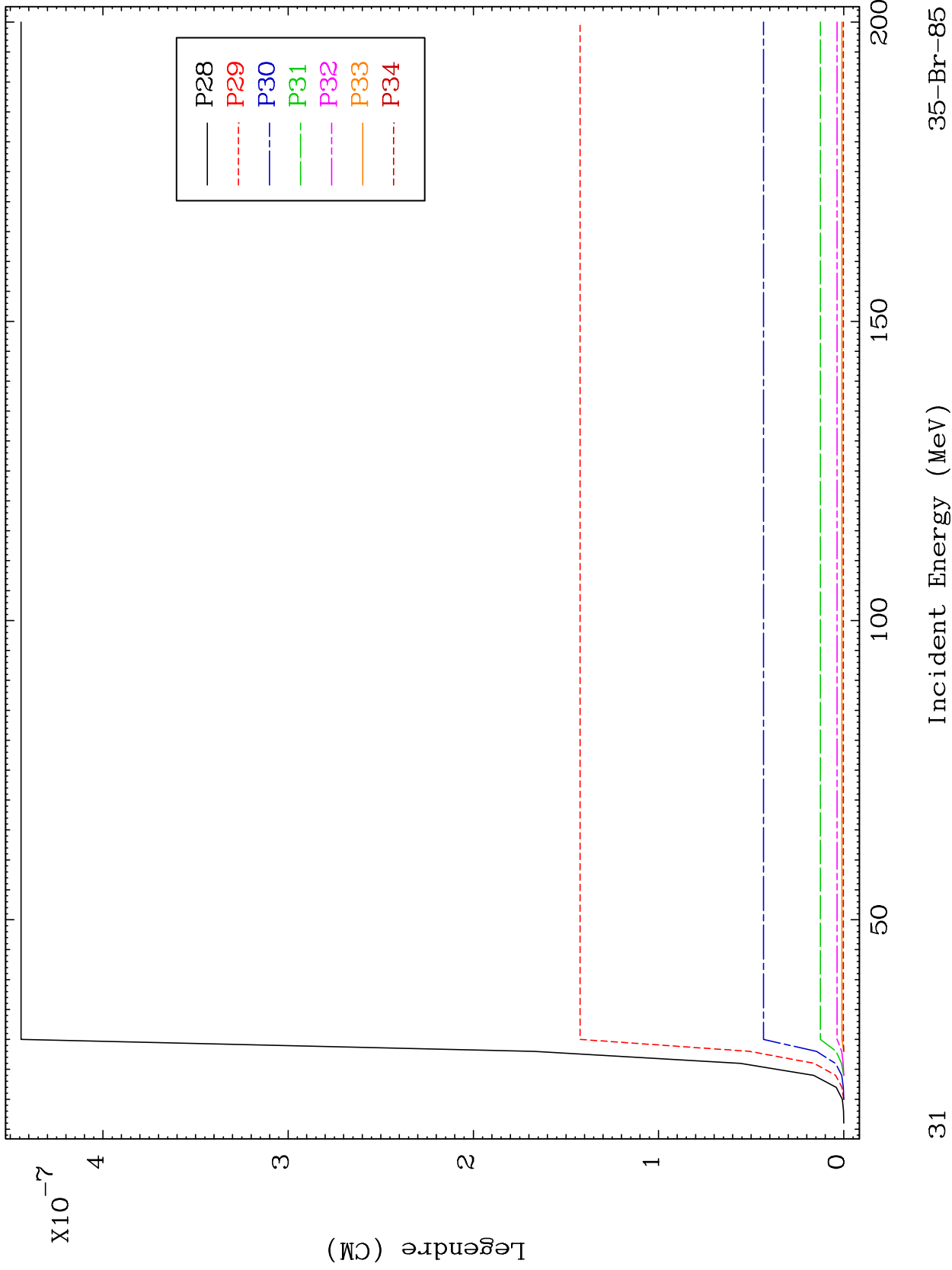
Incident Energy (MeV)

35-Br-85

MAT 3543

1.191 MeV (n,n') Level
Legendre Coefficients

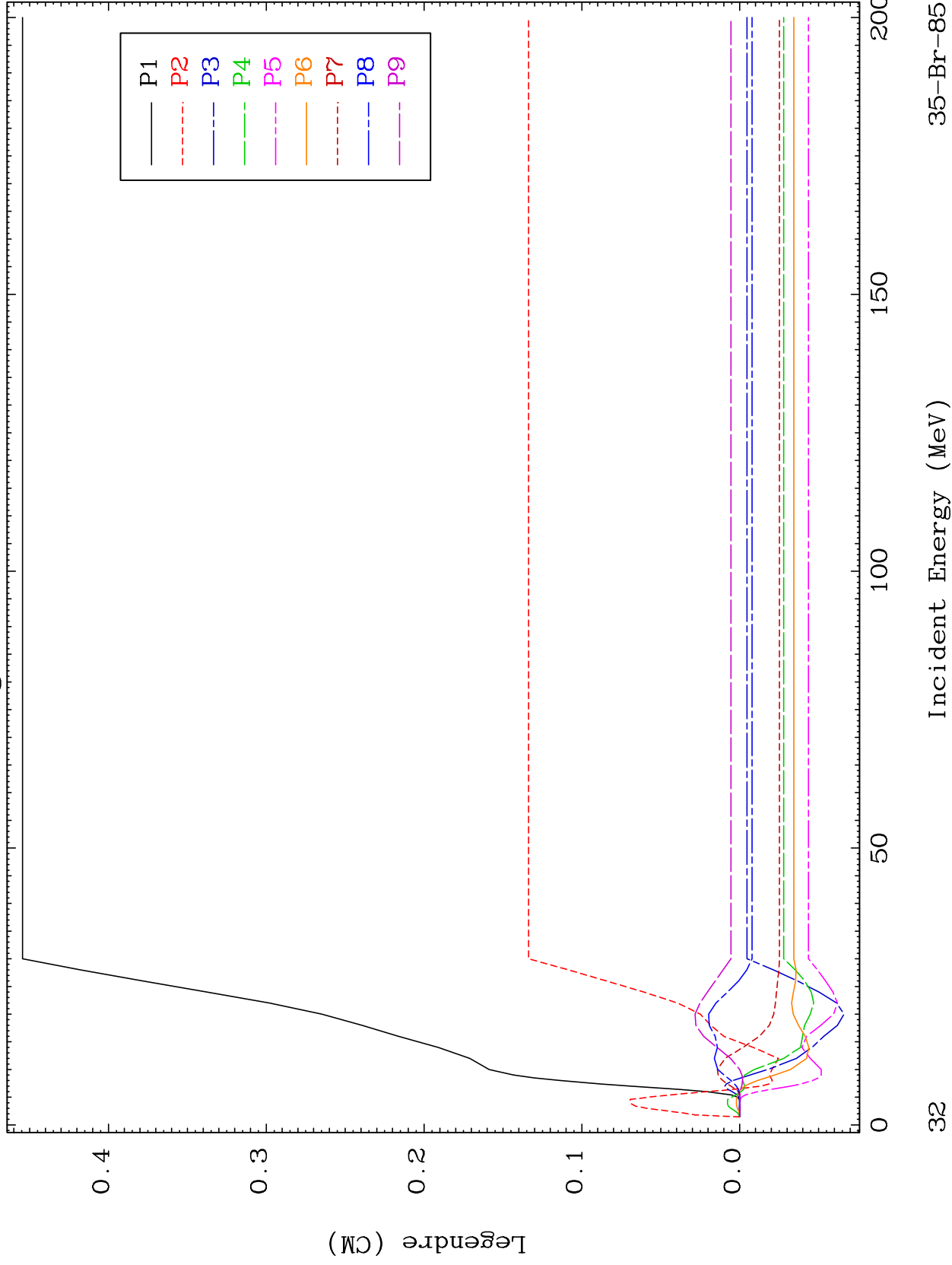
35-Br-85



MAT 3543

1.427 MeV (n,n') Level
Legendre Coefficients

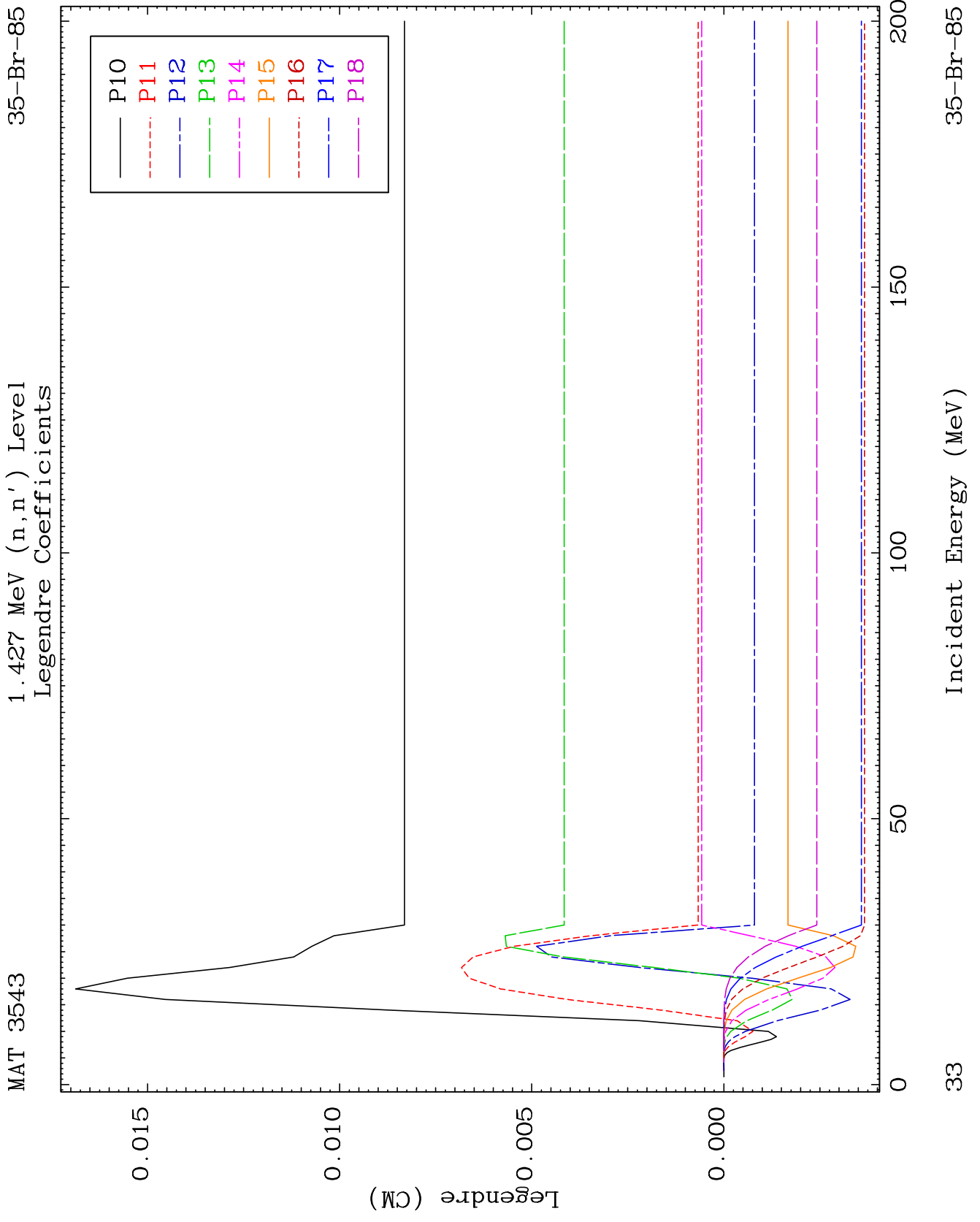
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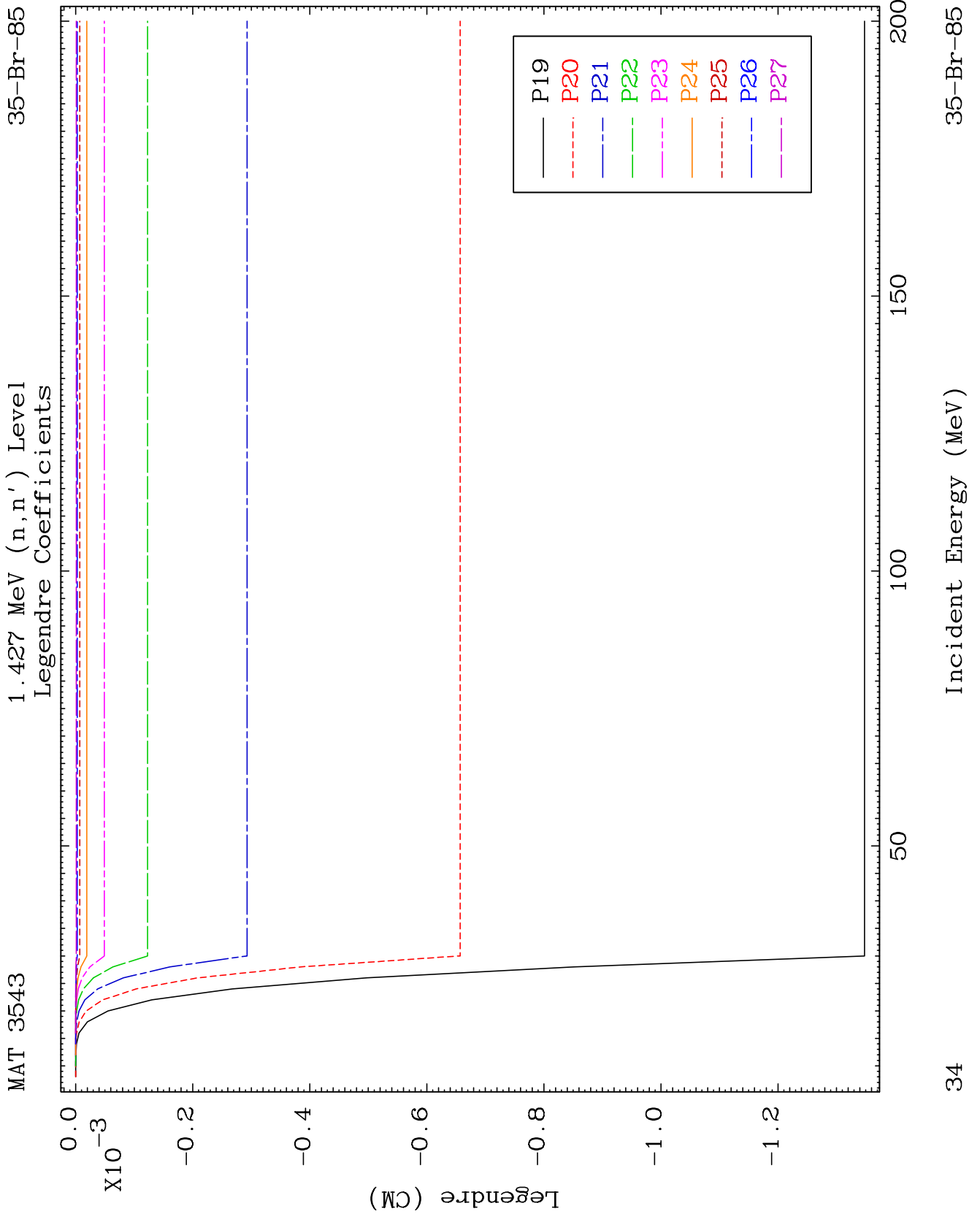


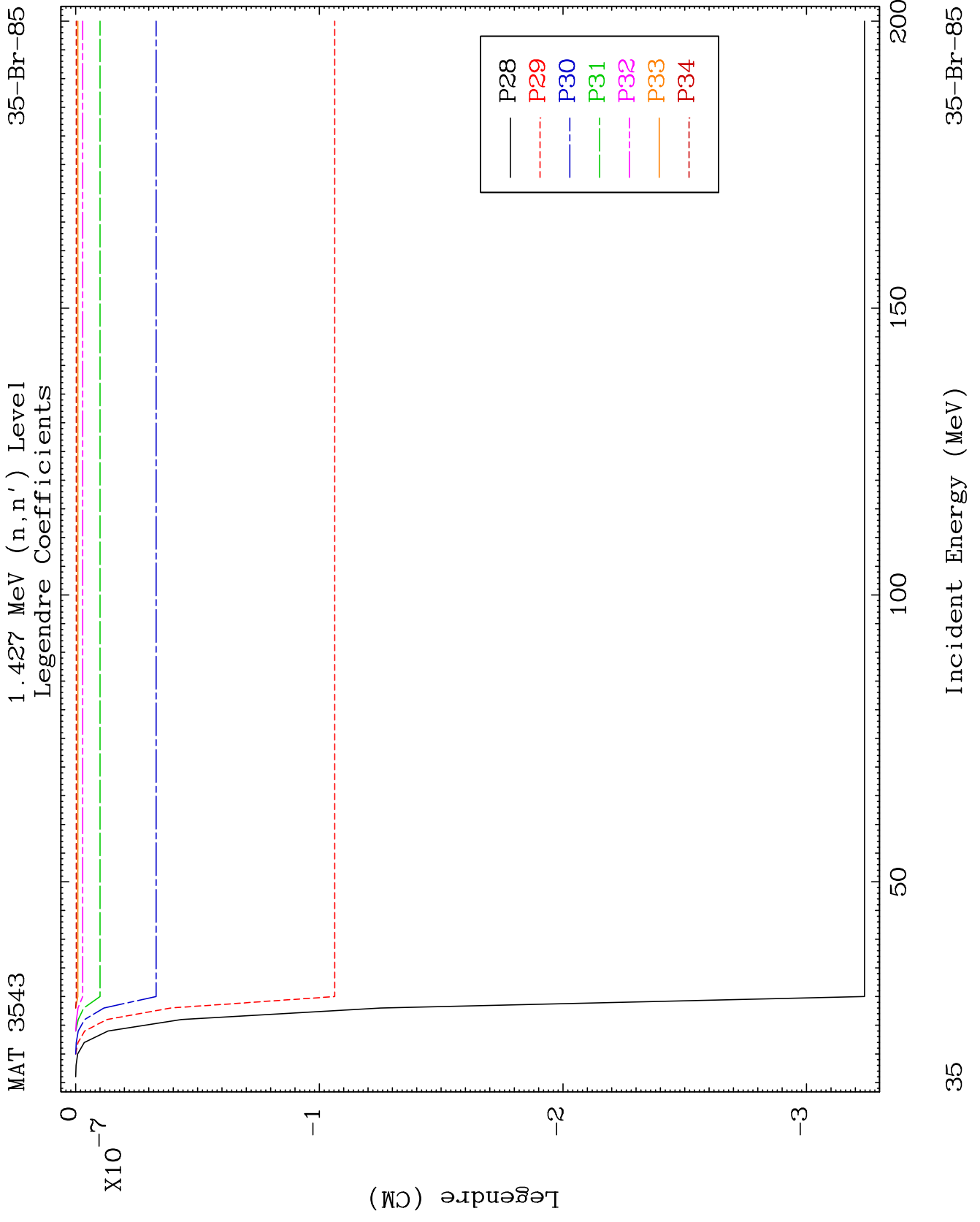
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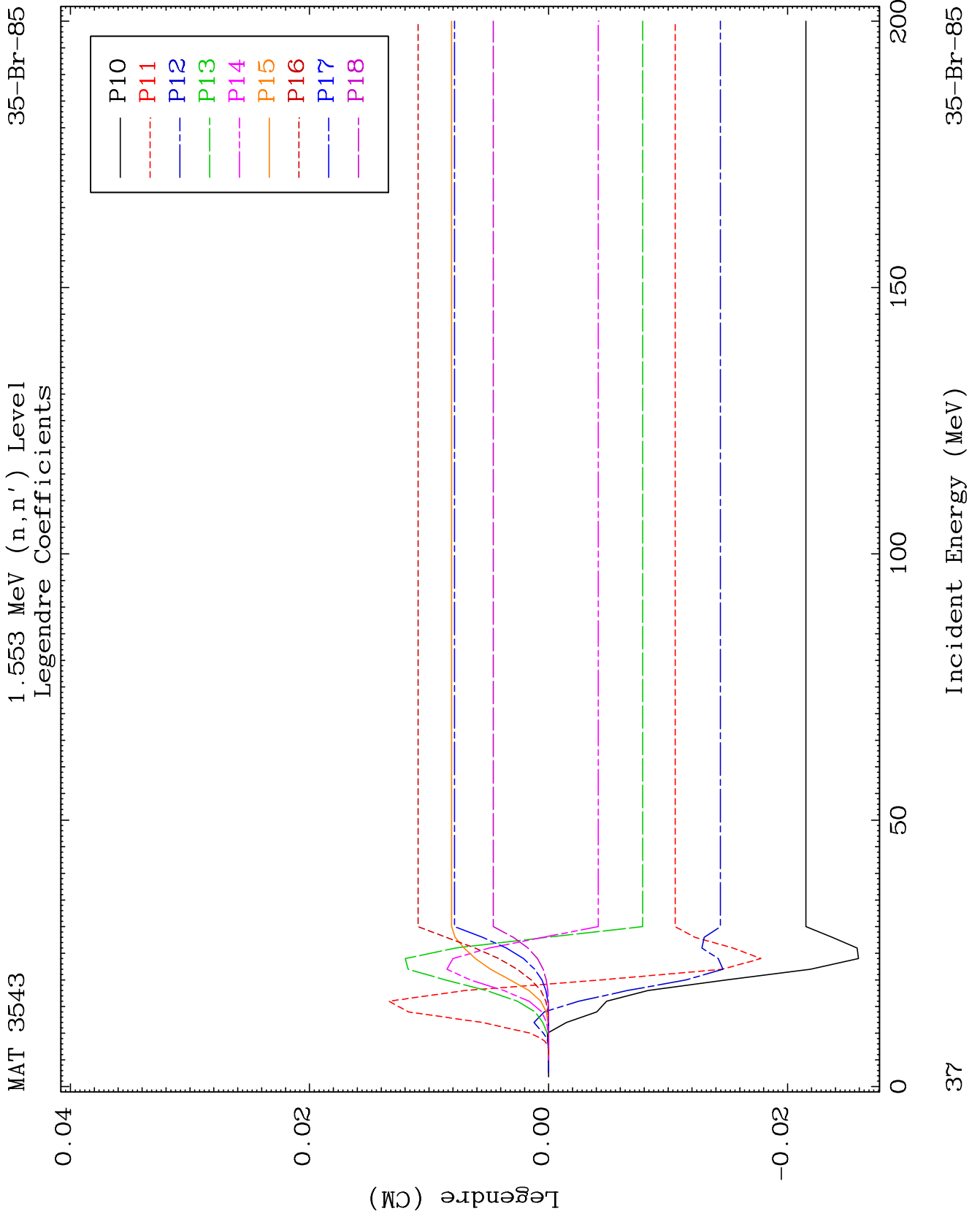
Incident Energy (MeV)

32





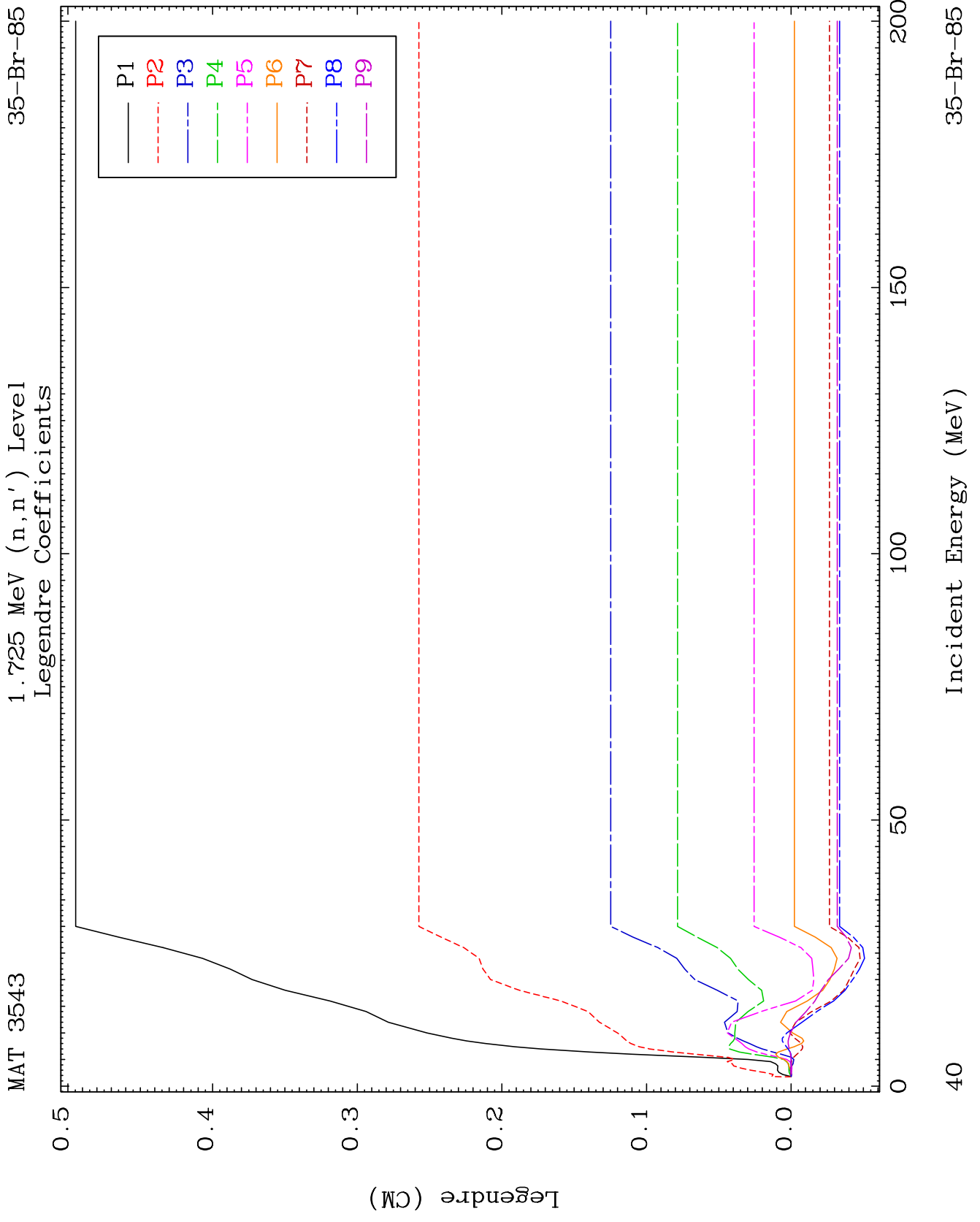


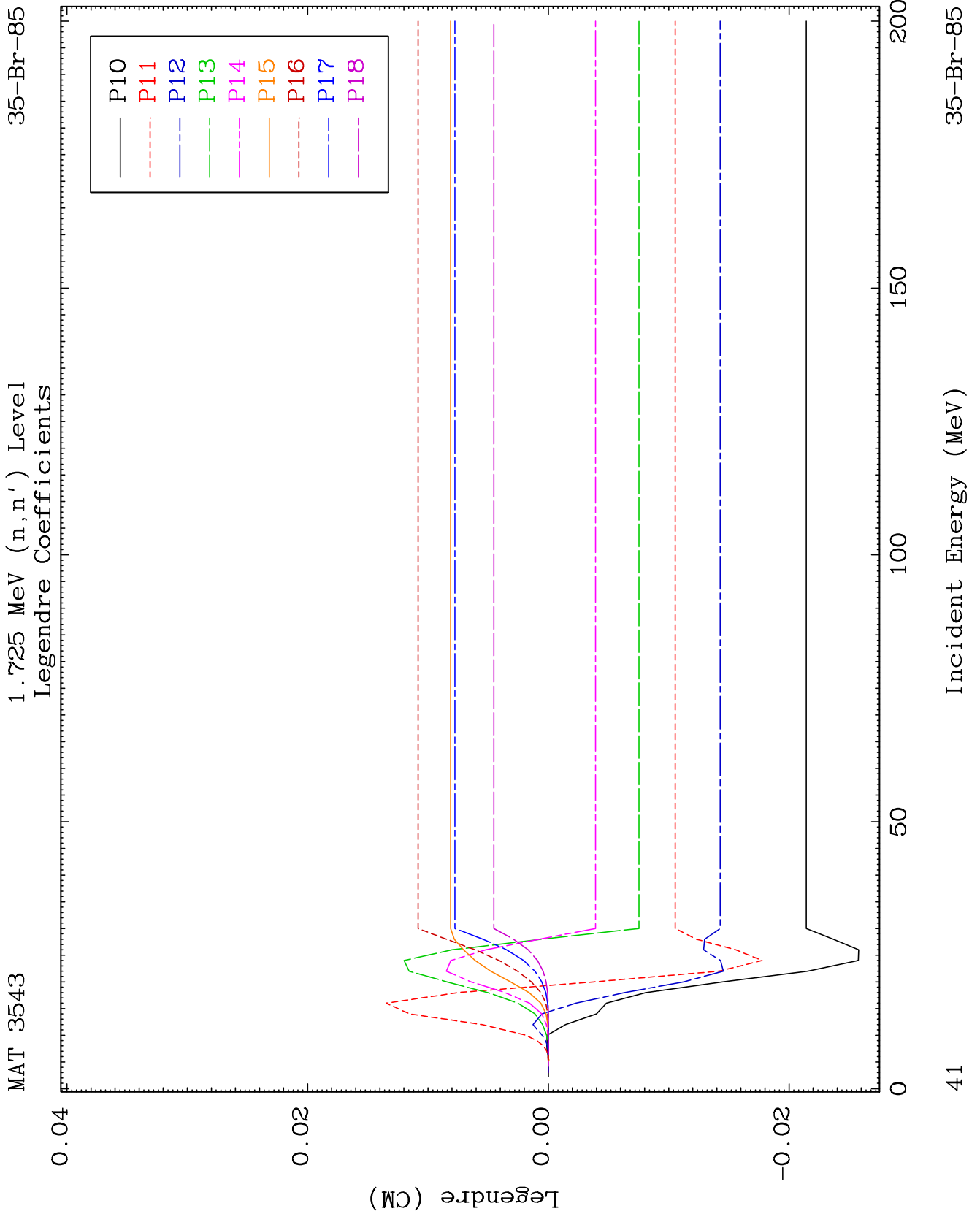


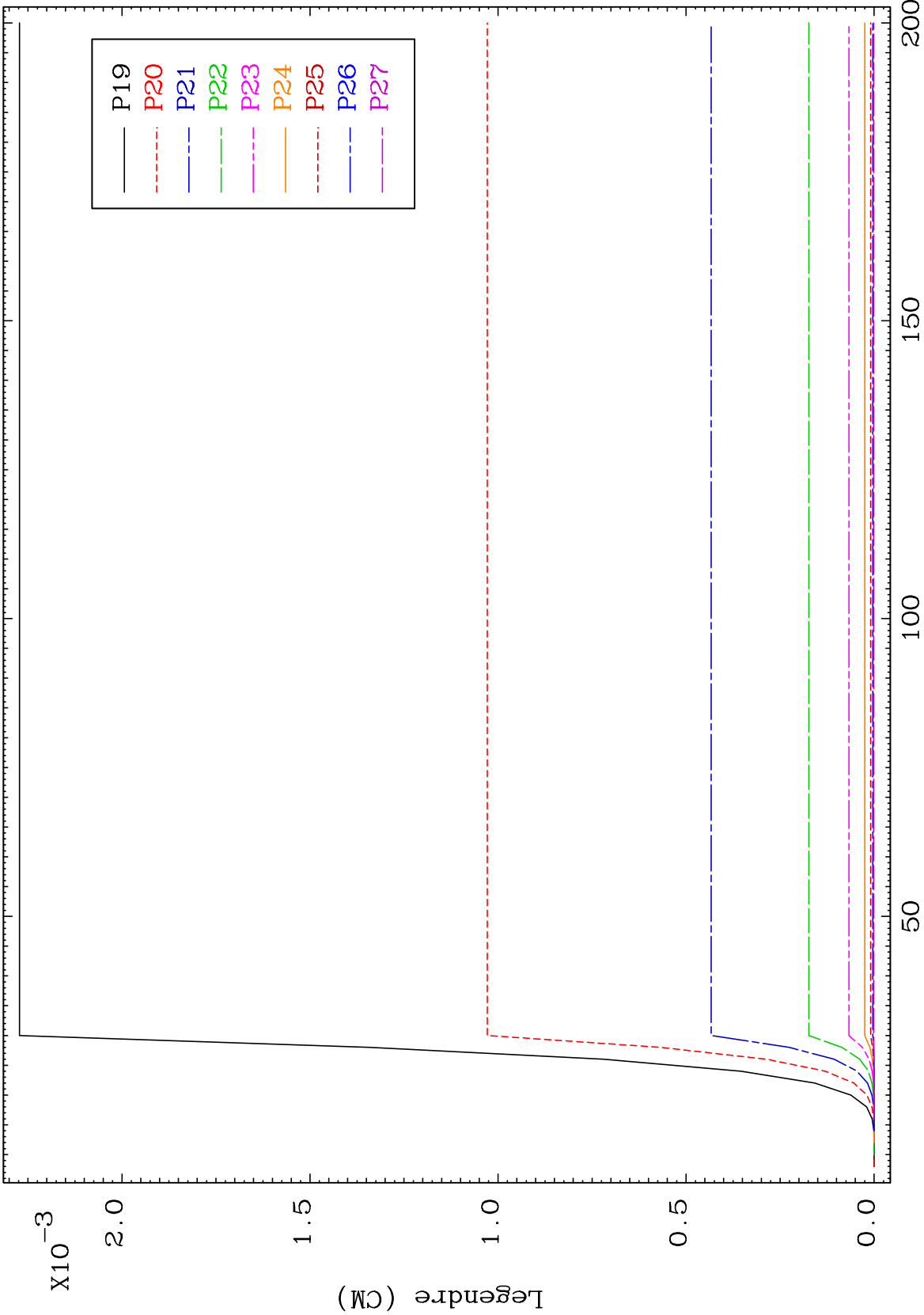
35-Br-85

Incident Energy (MeV)

37



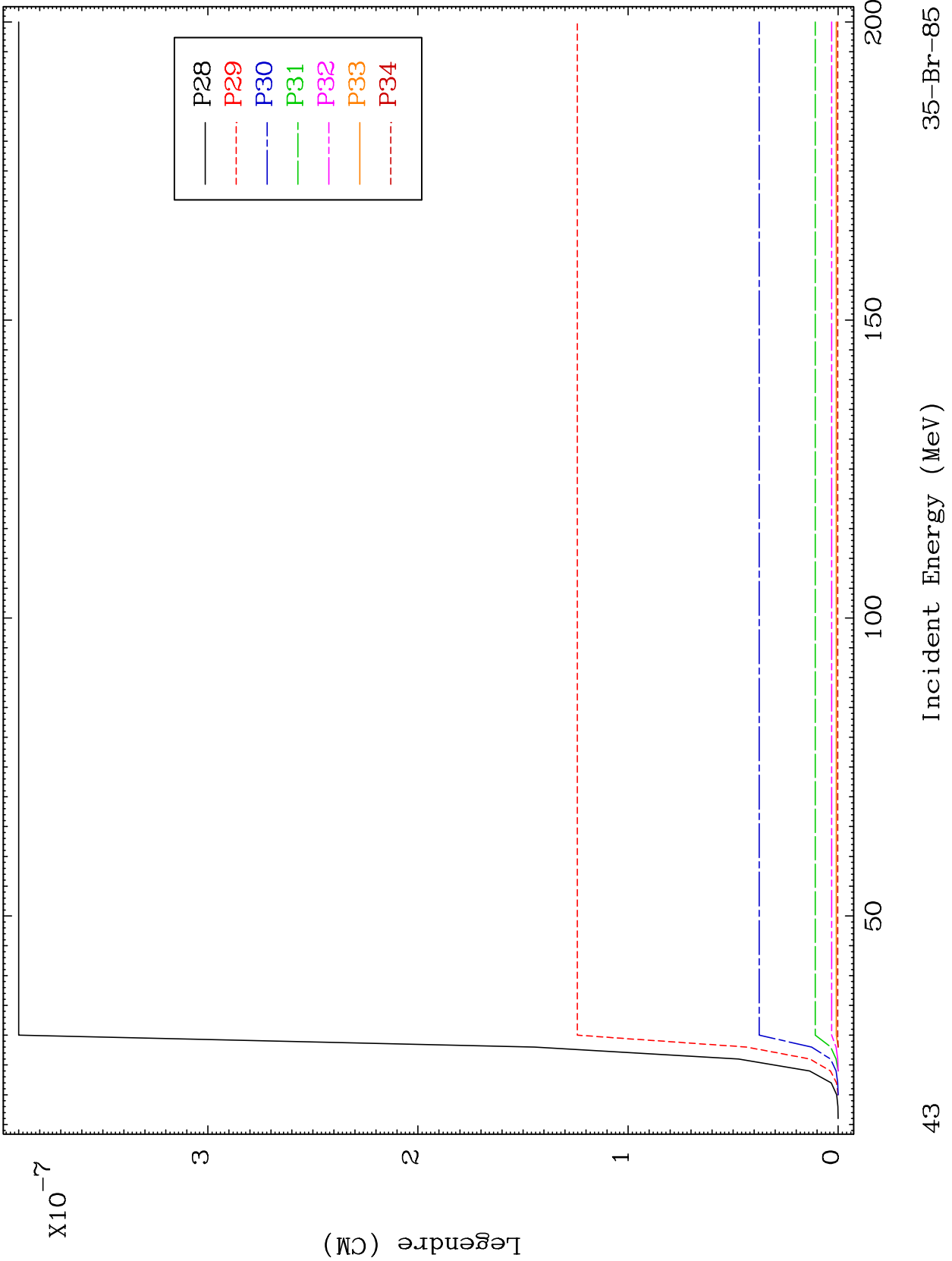


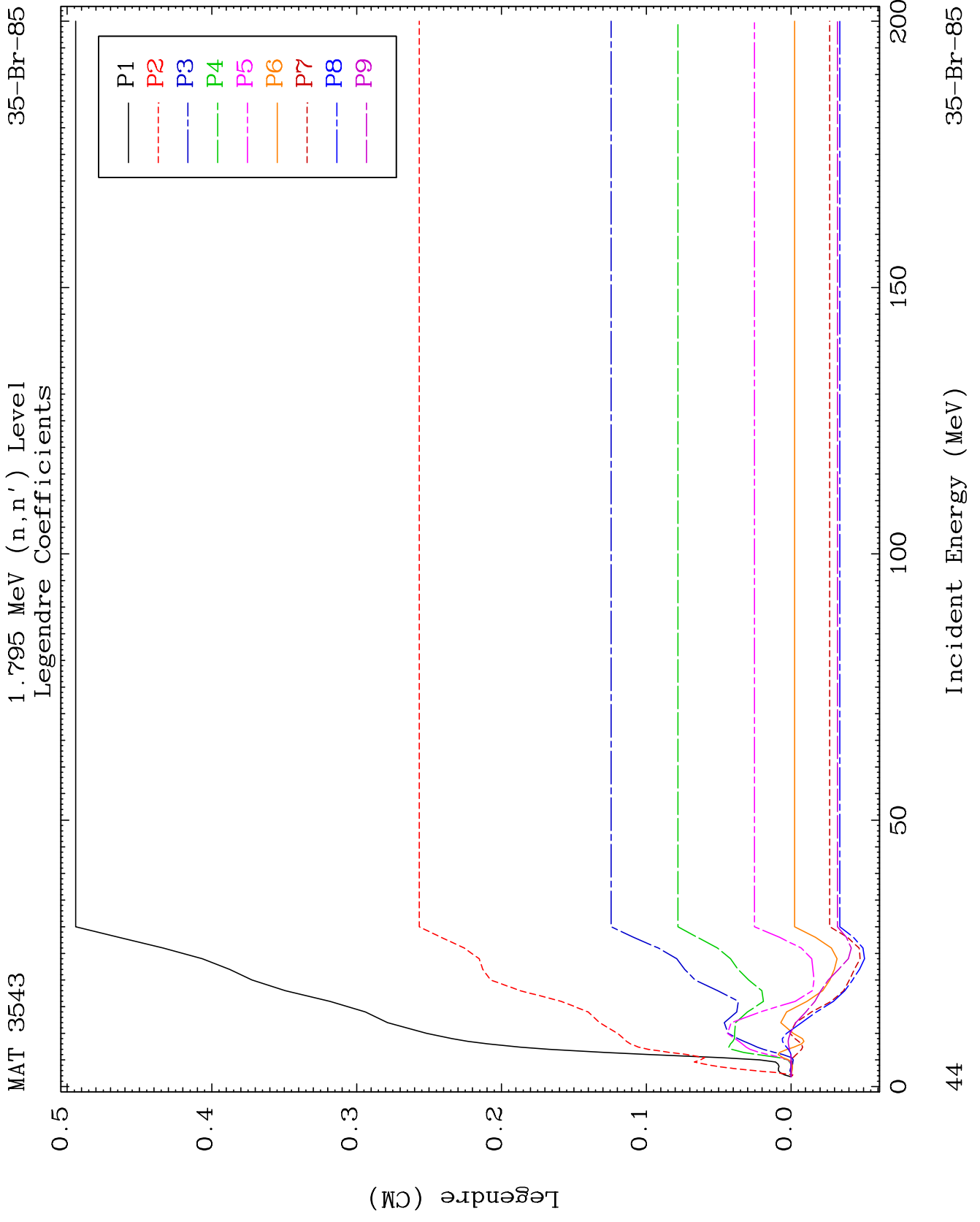


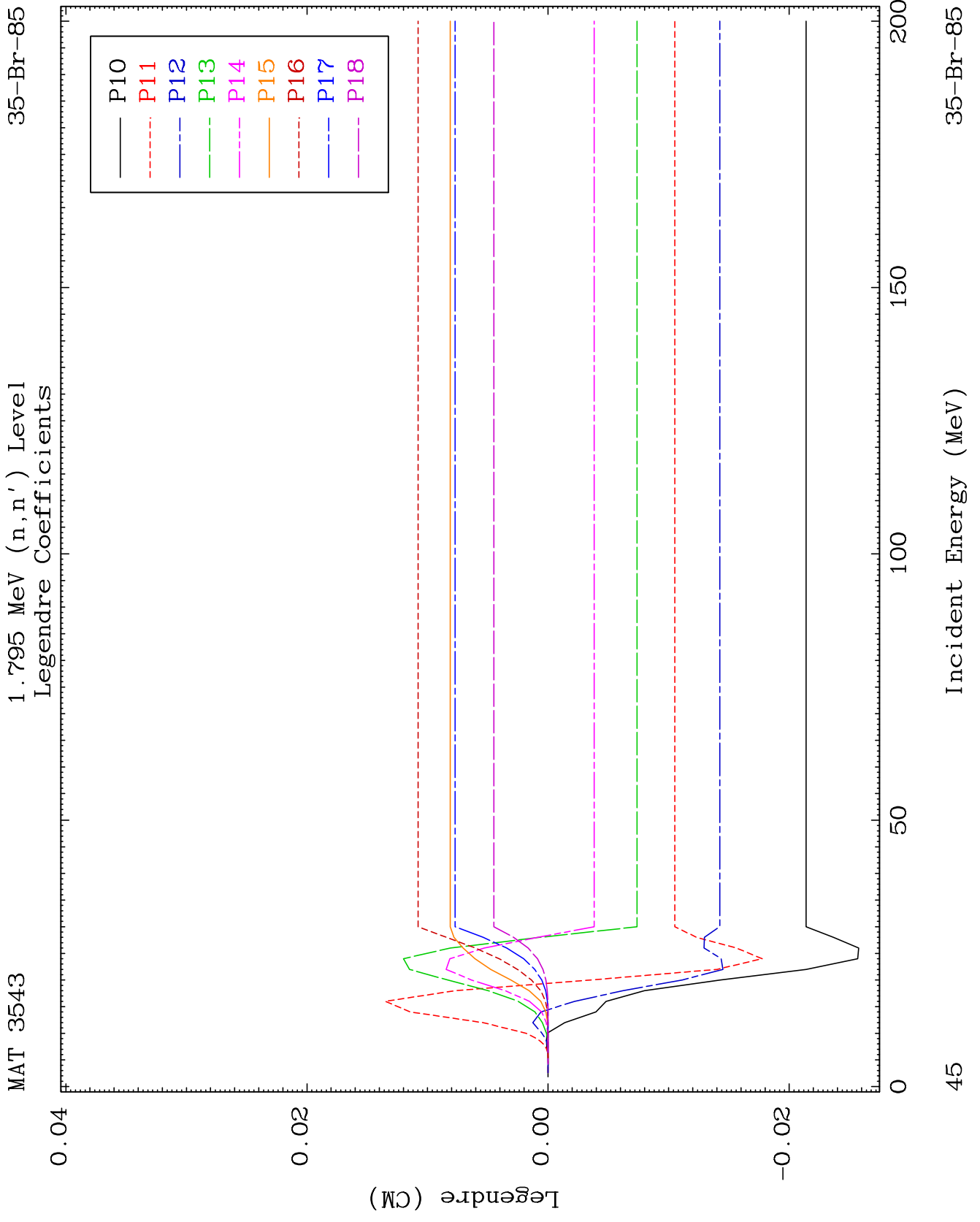
MAT 3543

1.725 MeV (n,n') Level
Legendre Coefficients

35-Br-85



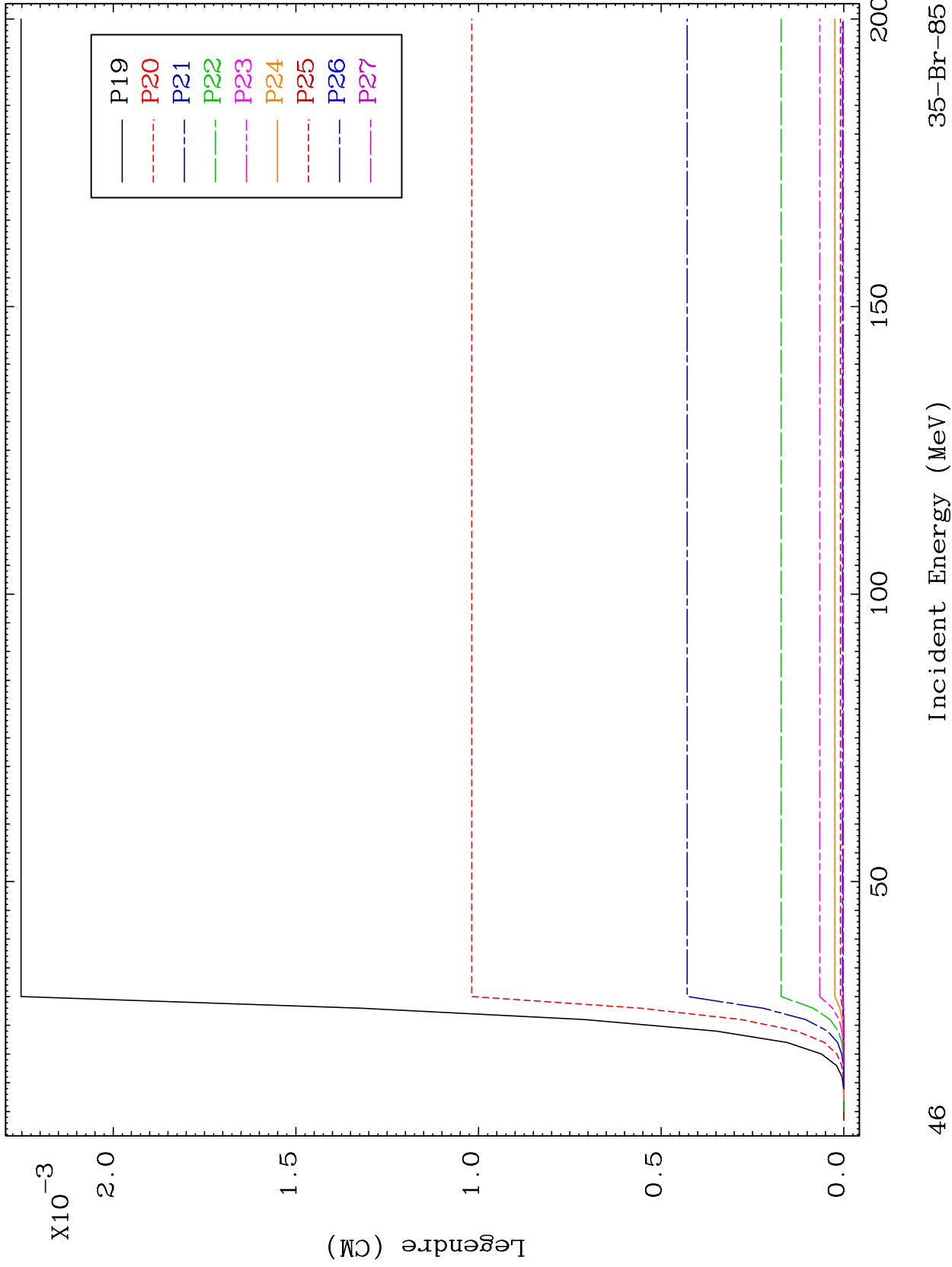




MAT 3543

1.795 MeV (n,n') Level
Legendre Coefficients

35-Br-85



46

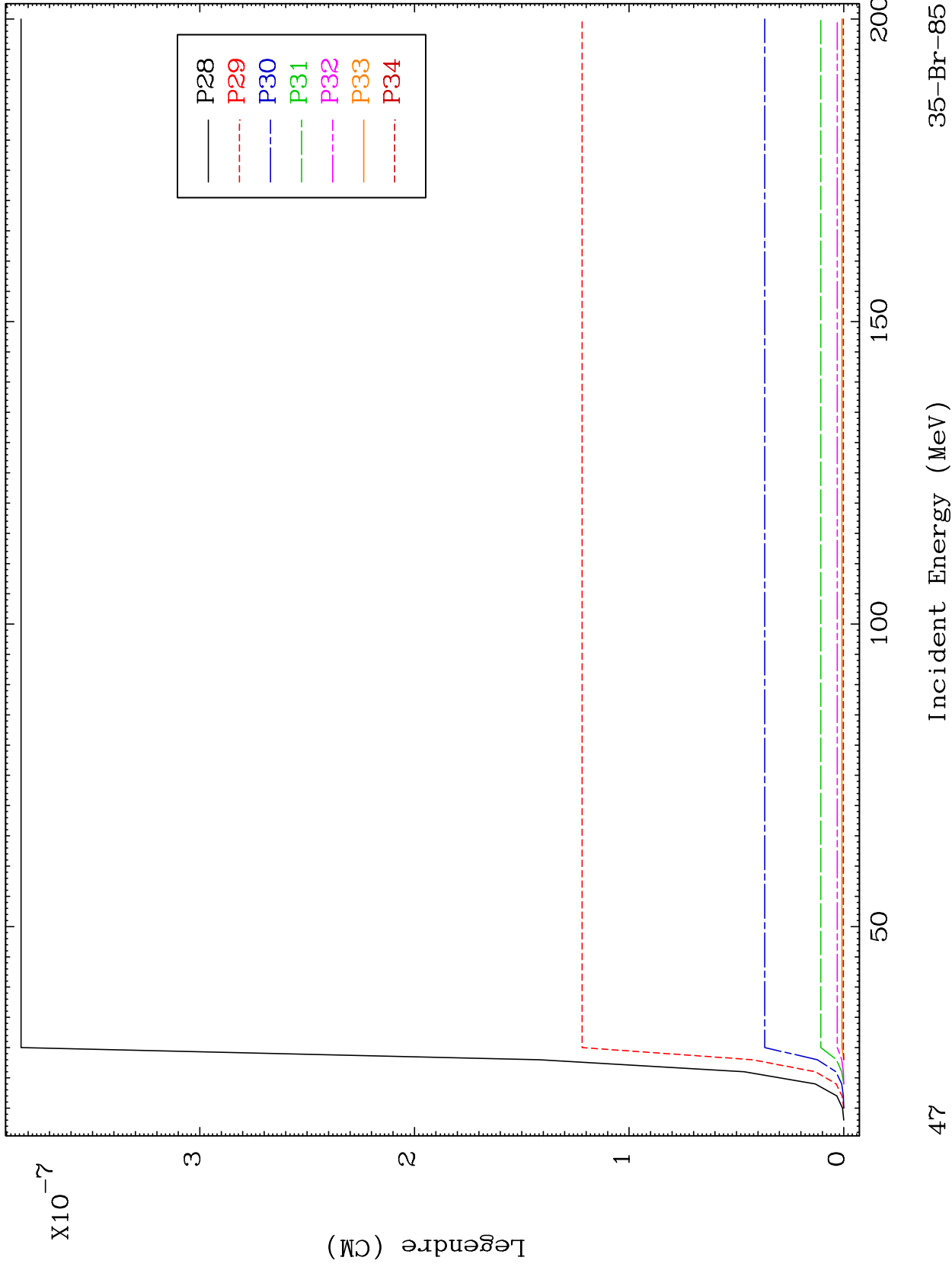
Incident Energy (MeV)

35-Br-85

MAT 3543

1.795 MeV (n,n') Level
Legendre Coefficients

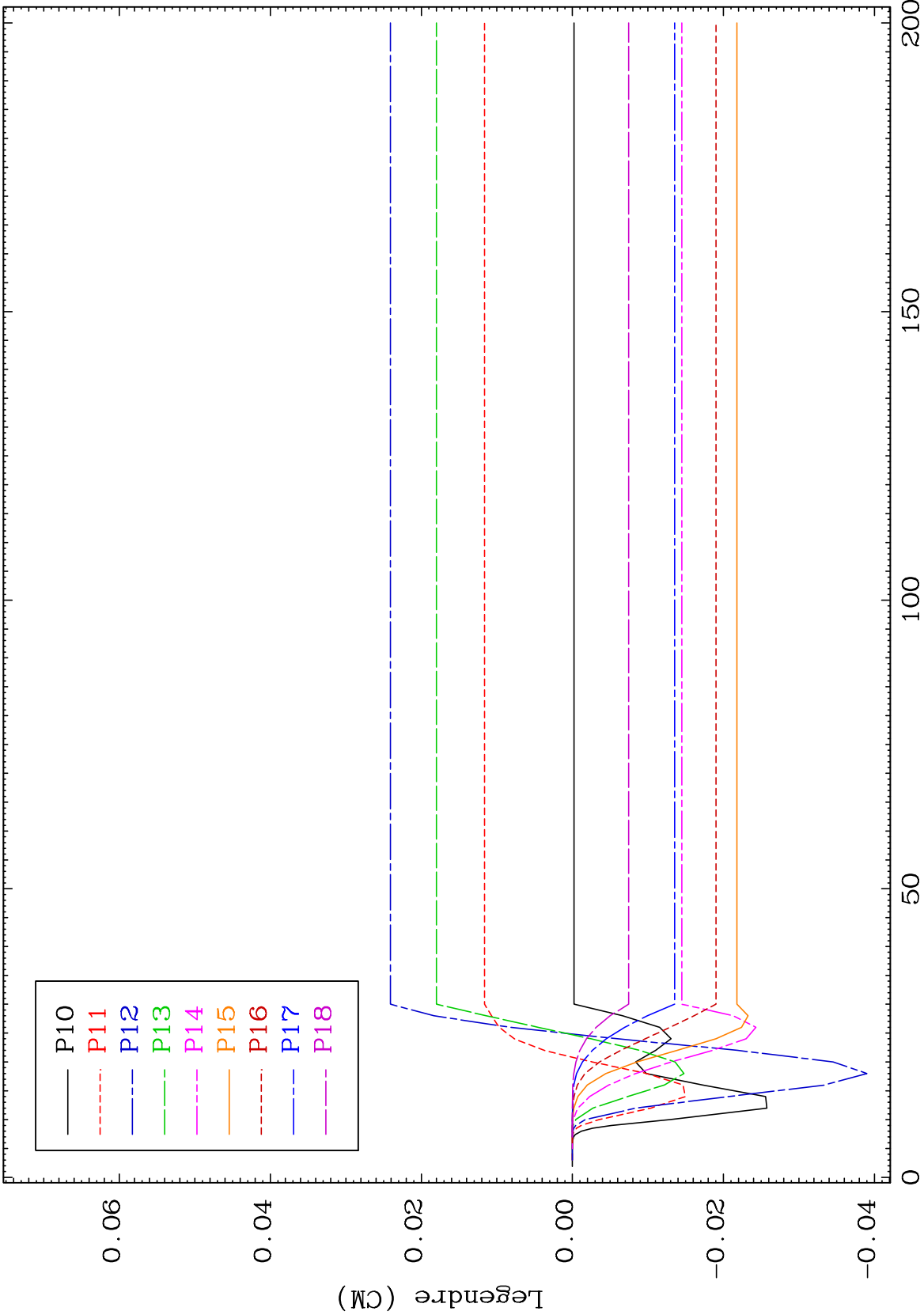
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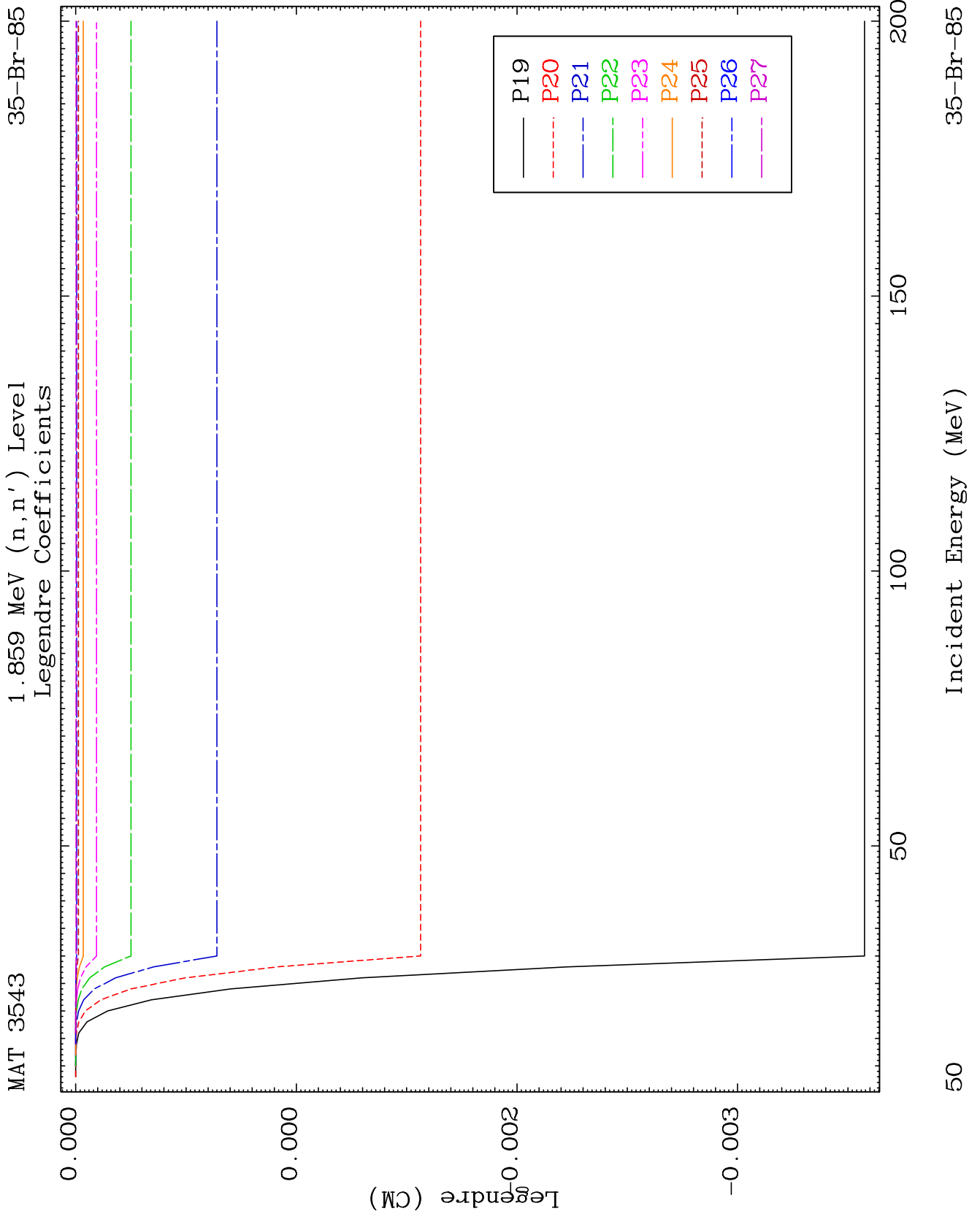


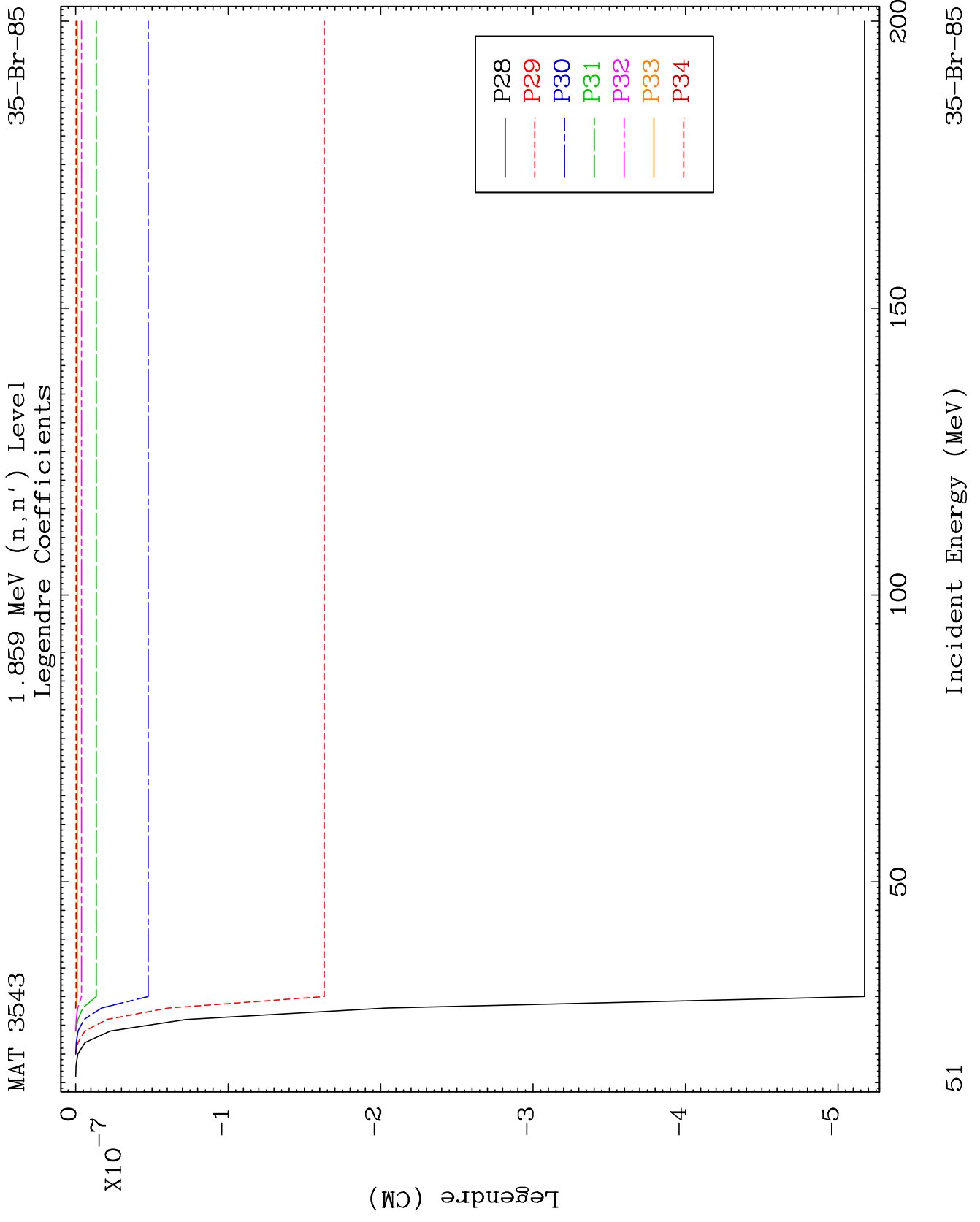
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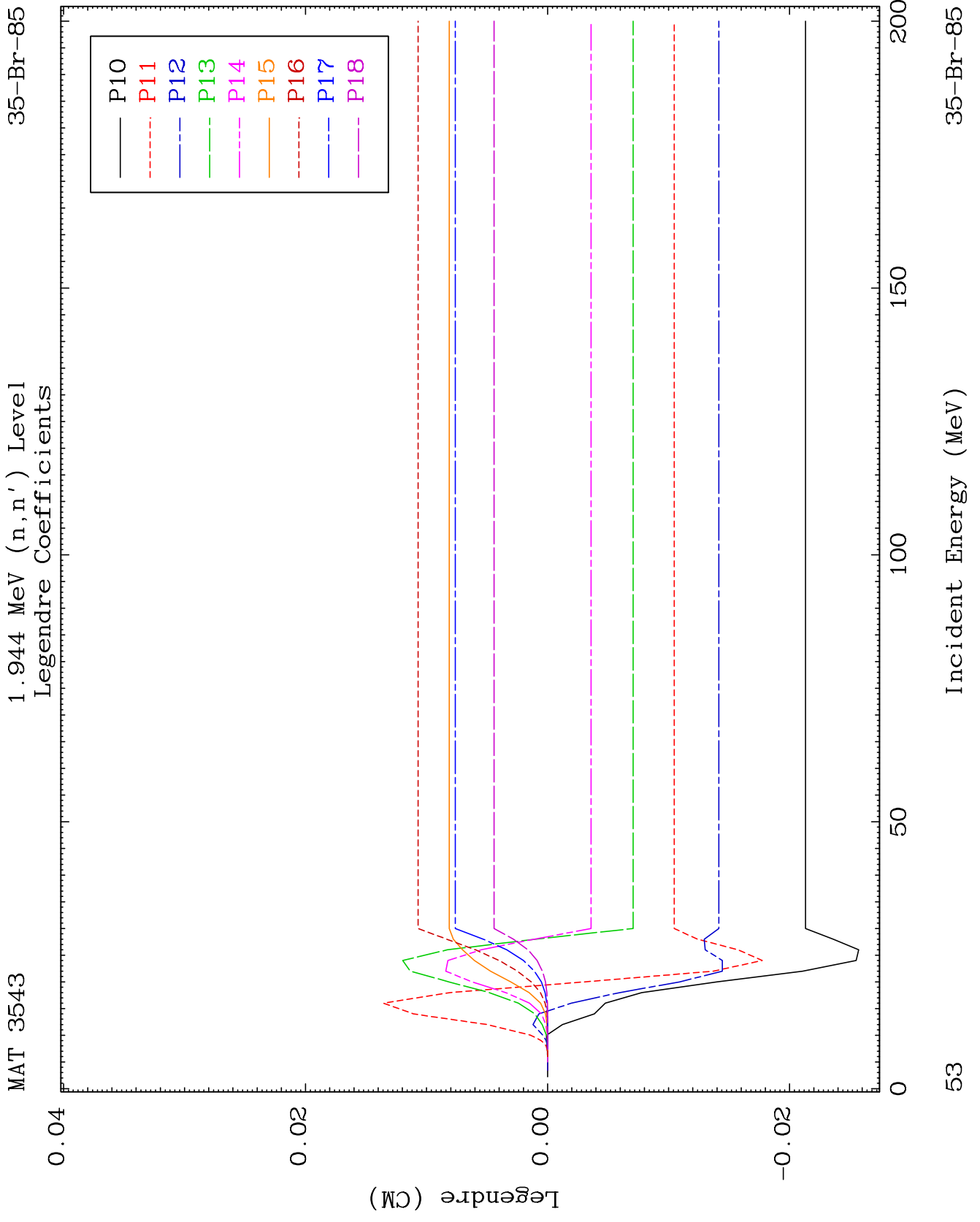
Incident Energy (MeV)

35-Br-85





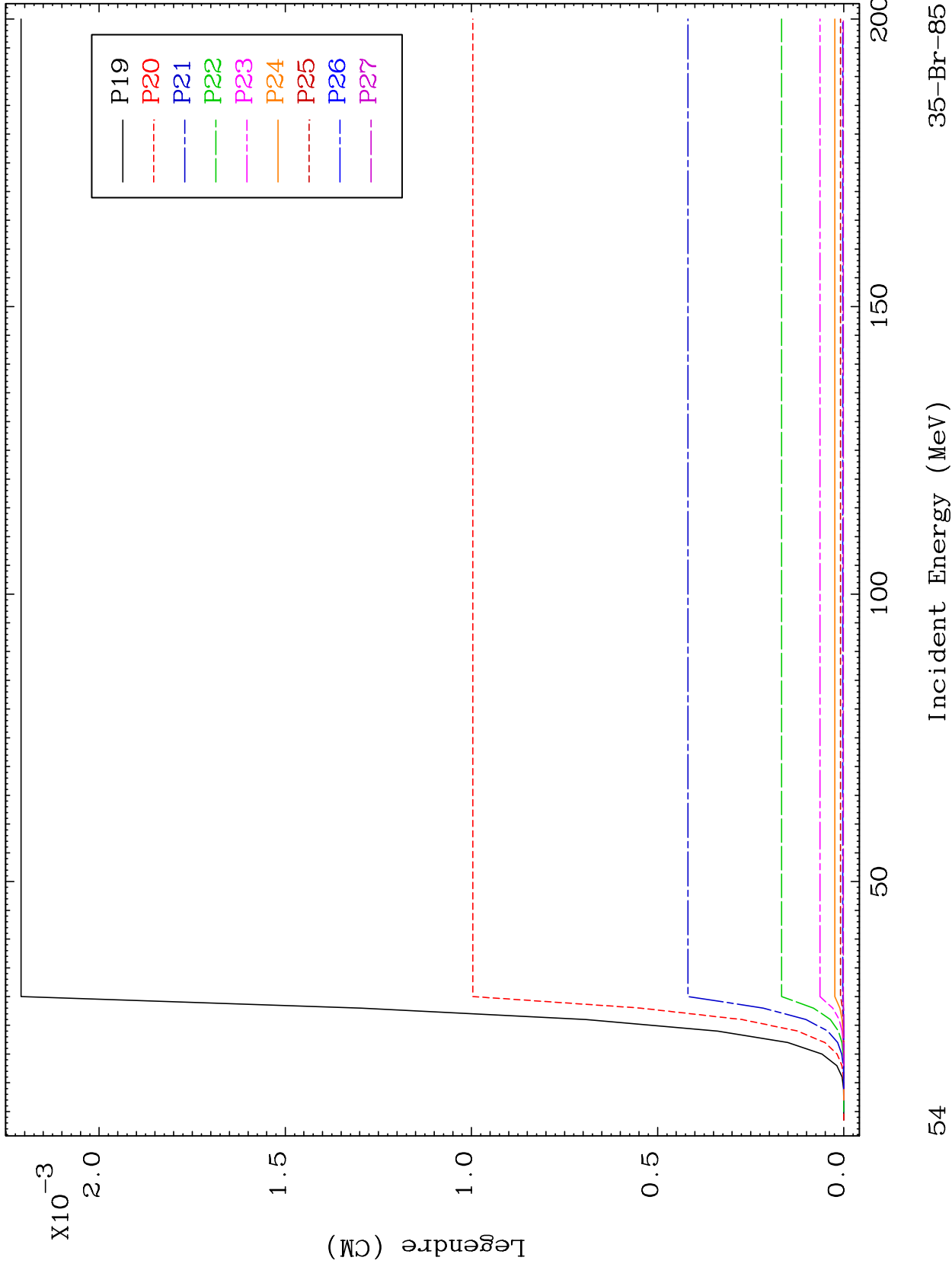




MAT 3543

1.944 MeV (n,n') Level
Legendre Coefficients

35-Br-85



54

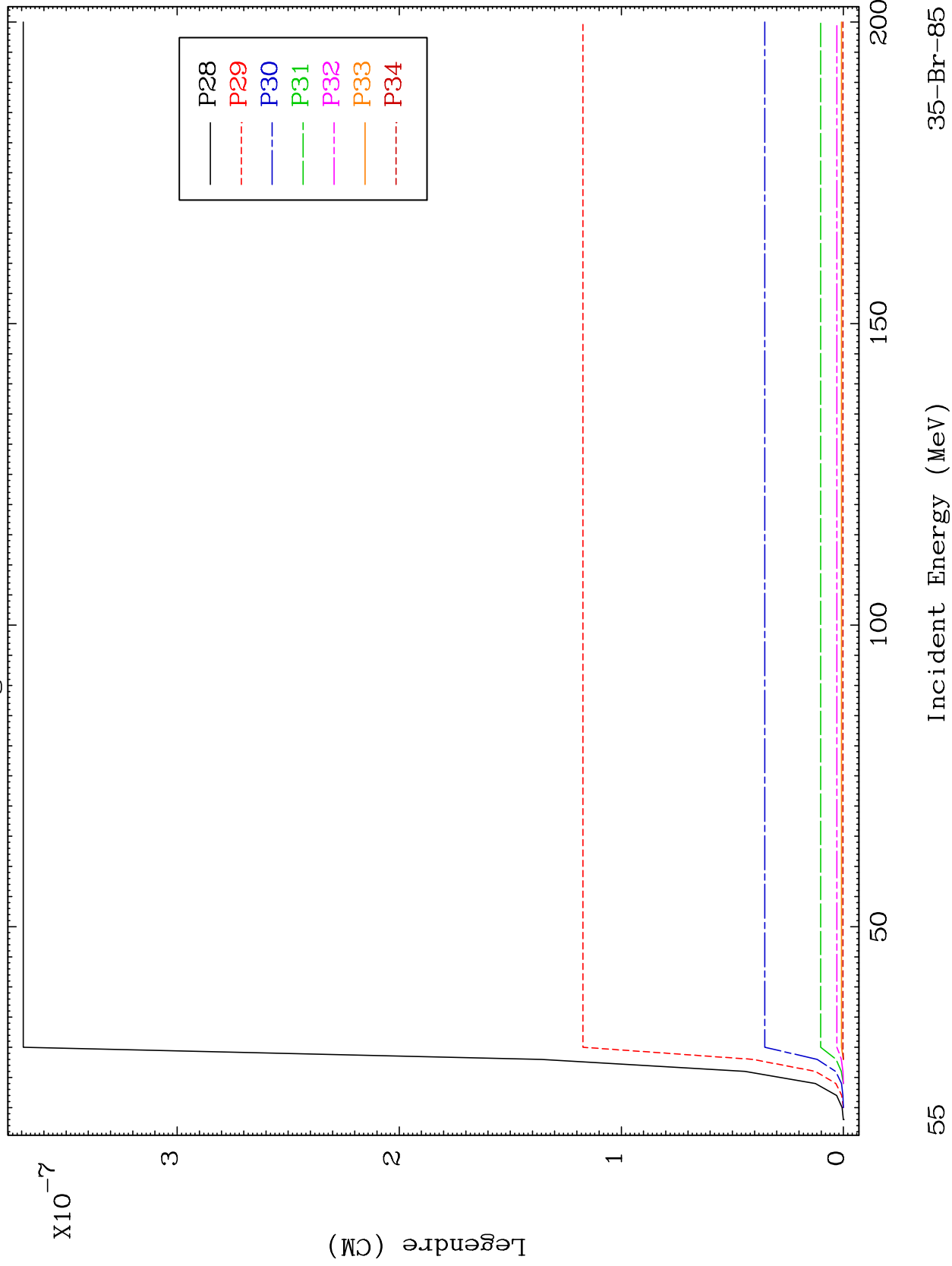
Incident Energy (MeV)

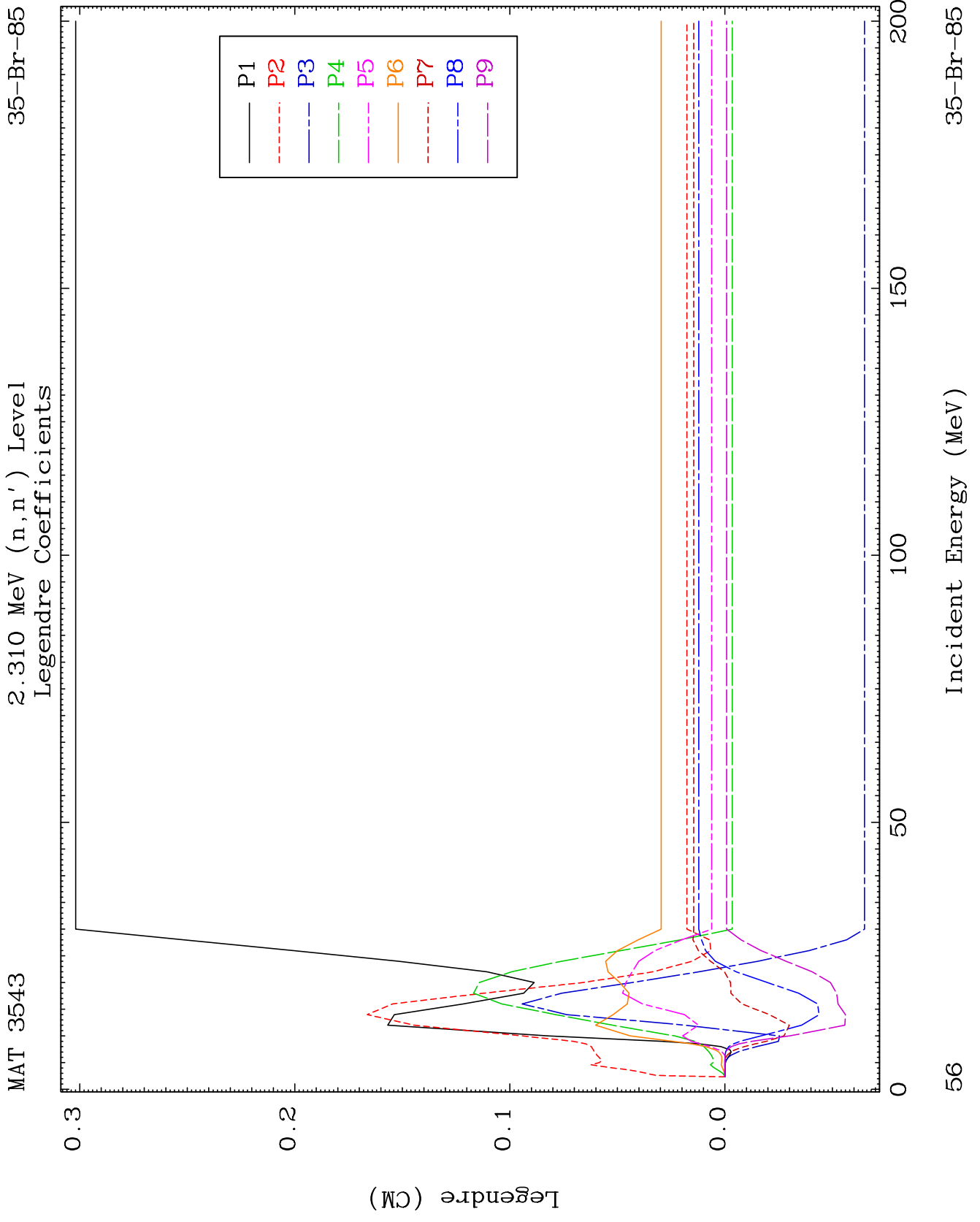
35-Br-85

MAT 3543

1.944 MeV (n,n') Level
Legendre Coefficients

35-Br-85

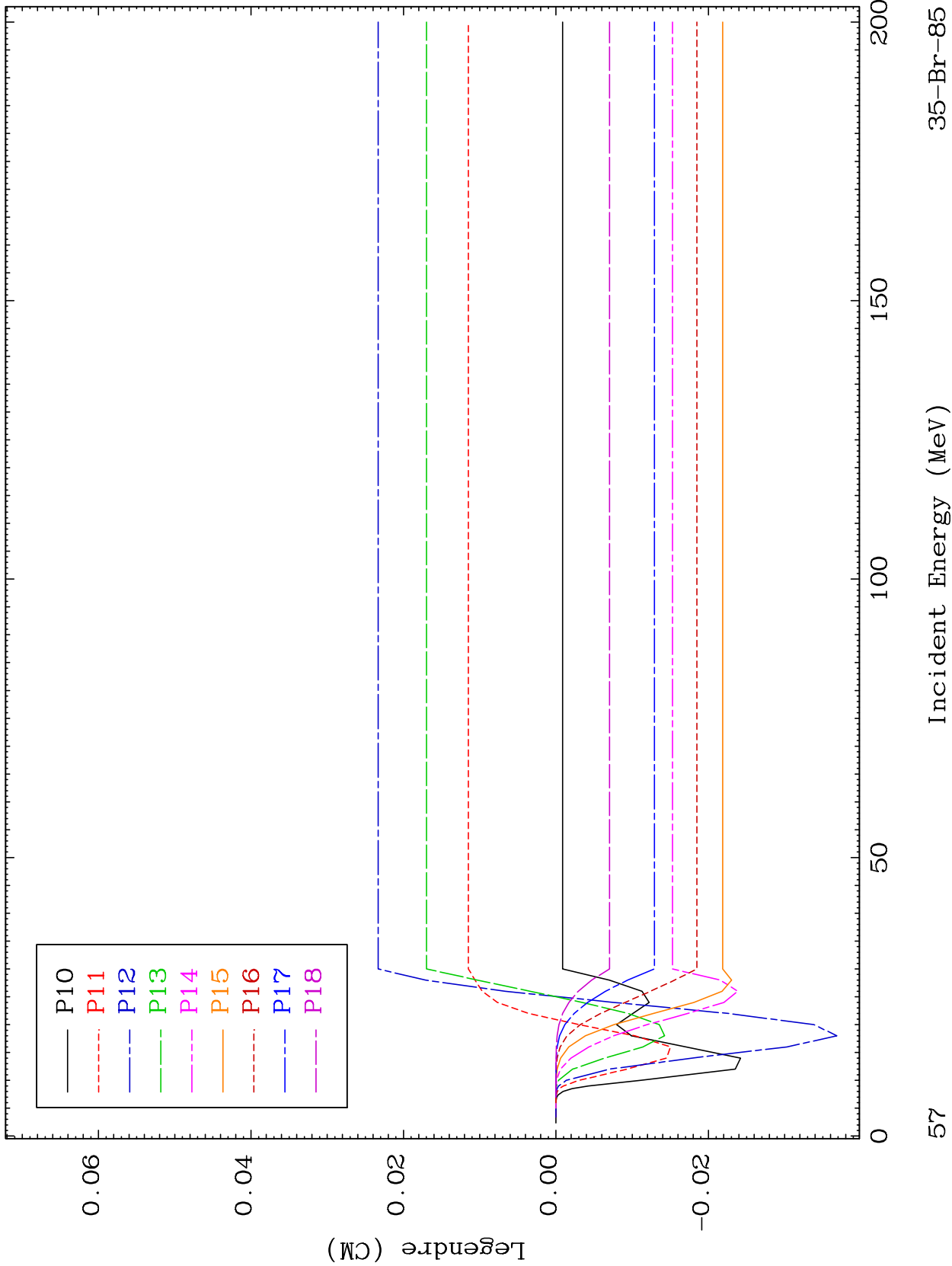




MAT 3543

2.310 MeV (n,n') Level
Legendre Coefficients

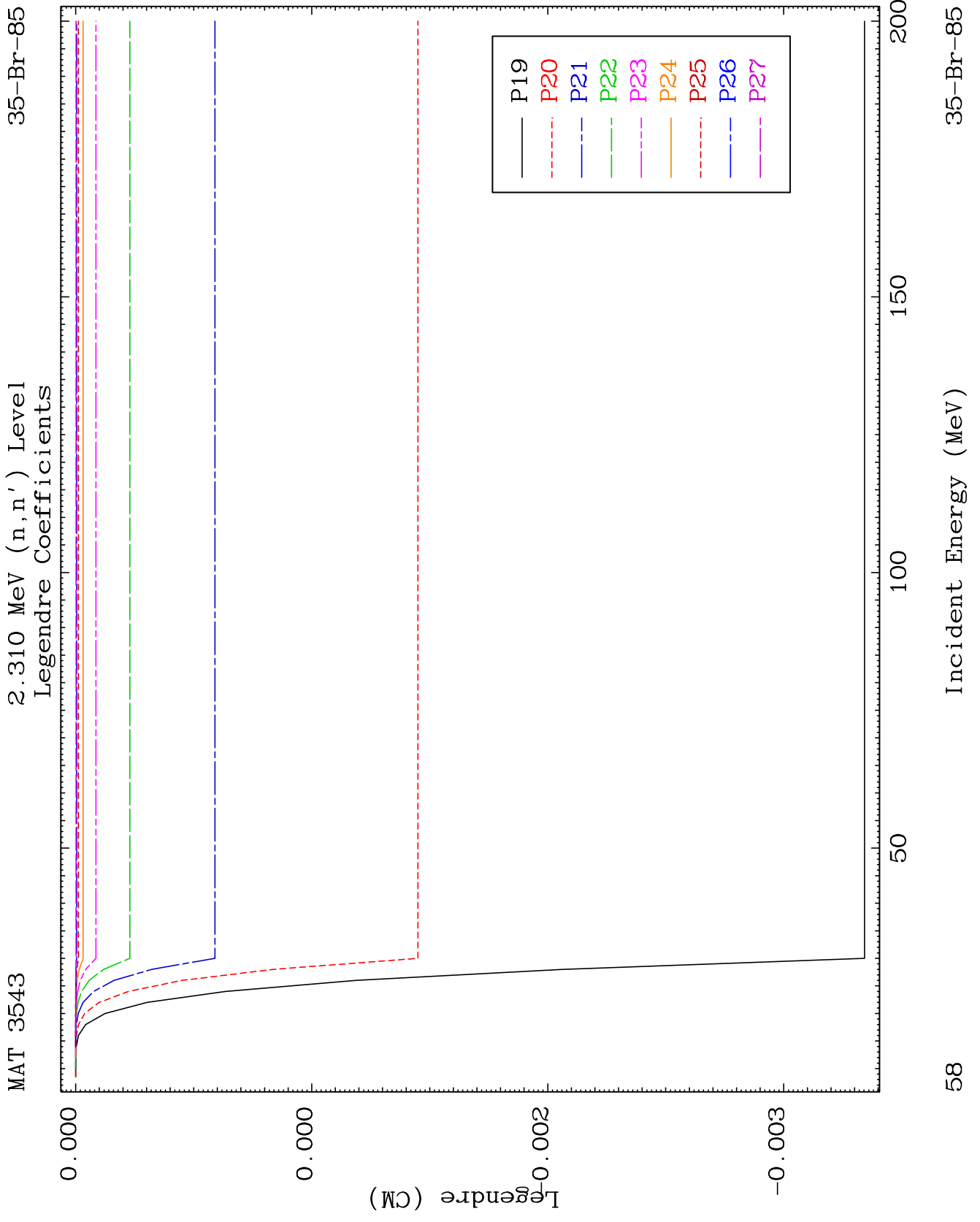
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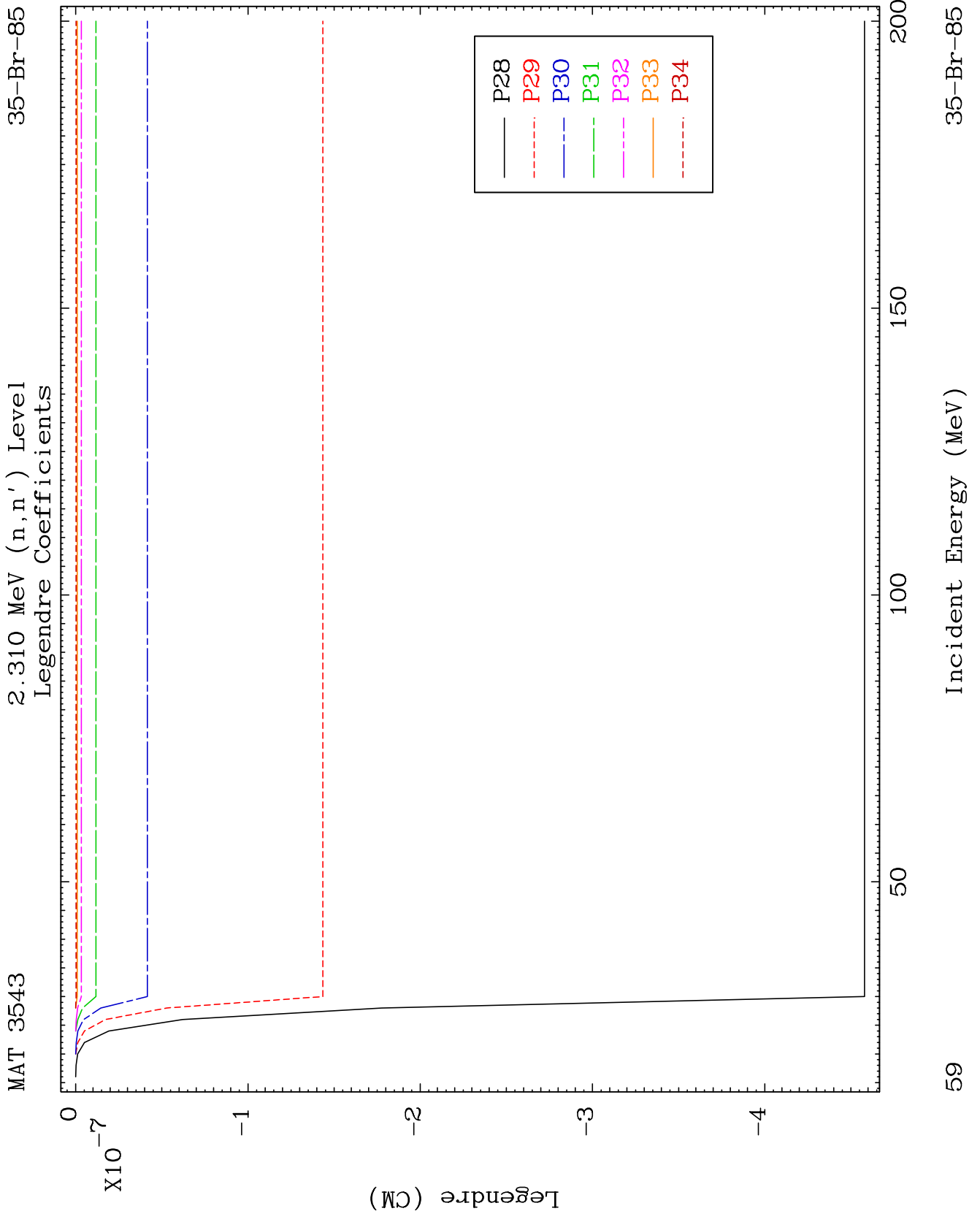


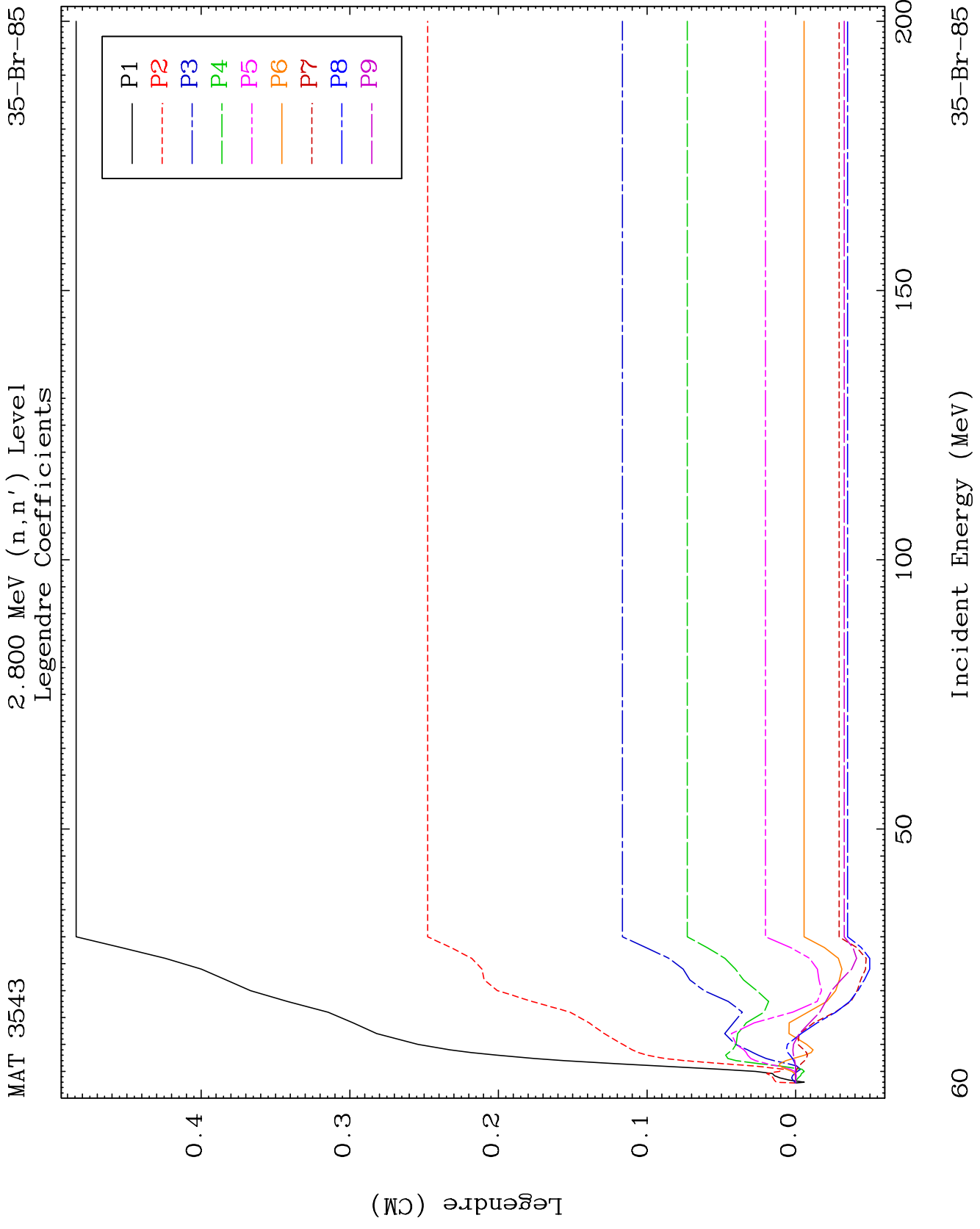
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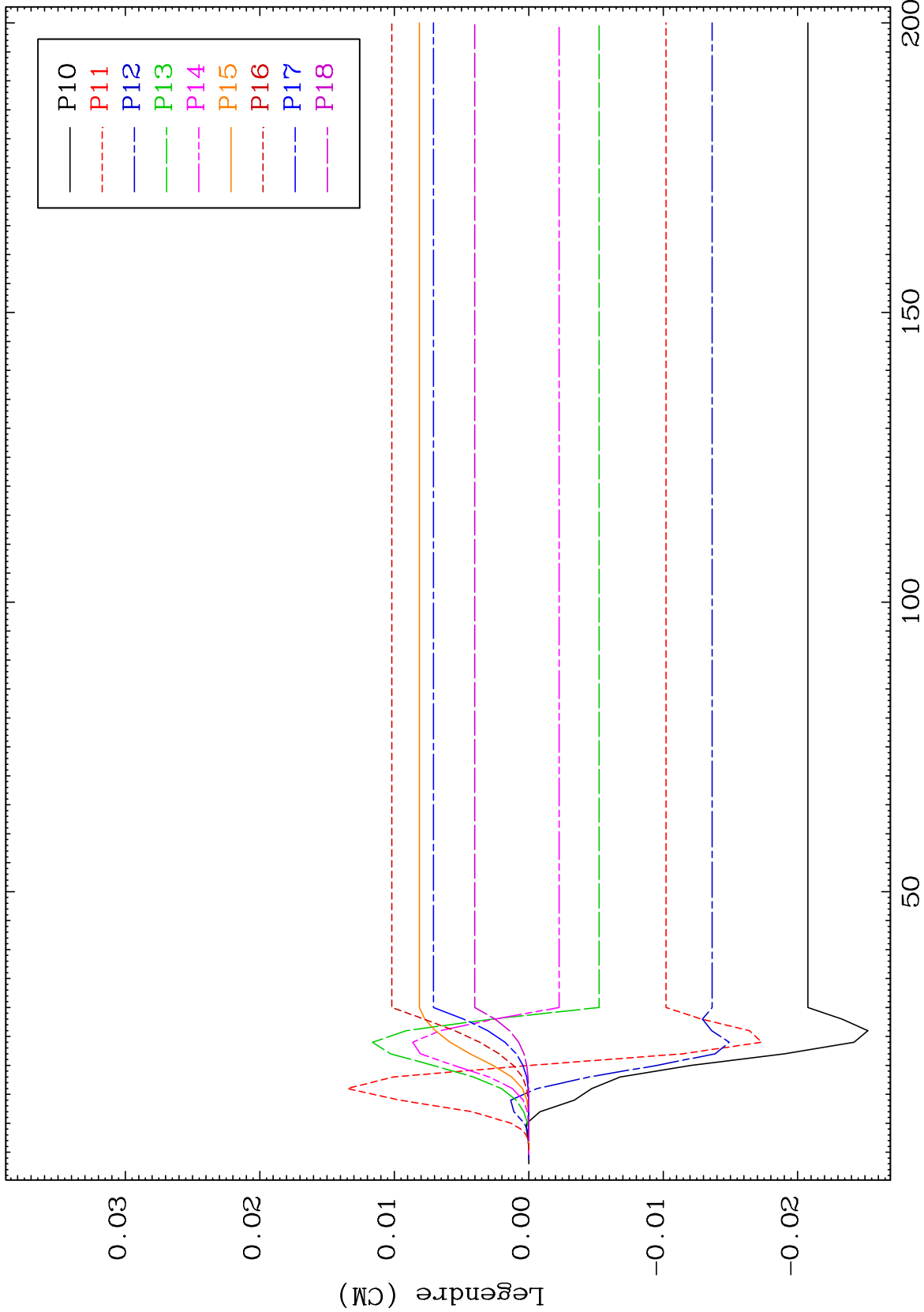
Incident Energy (MeV)

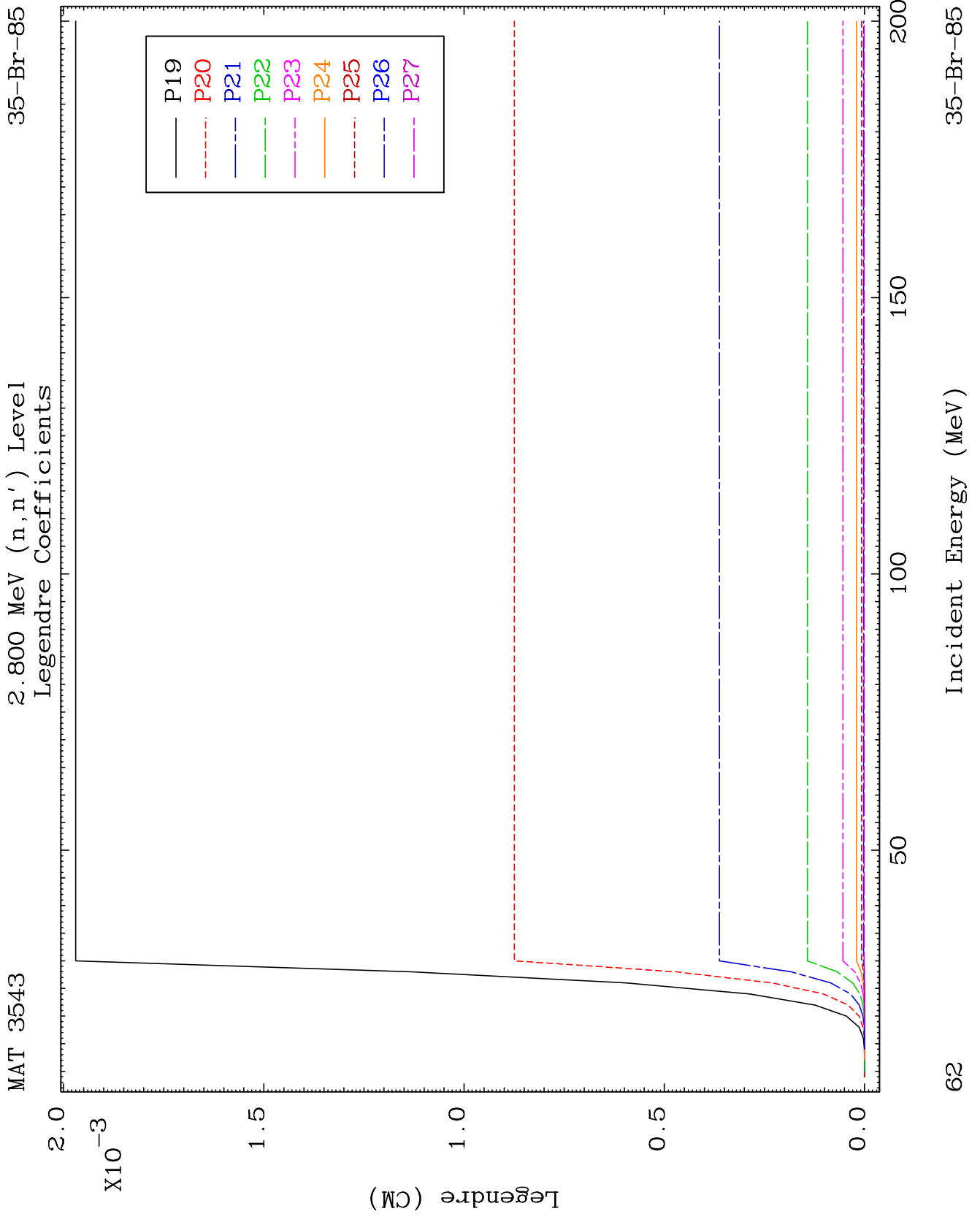
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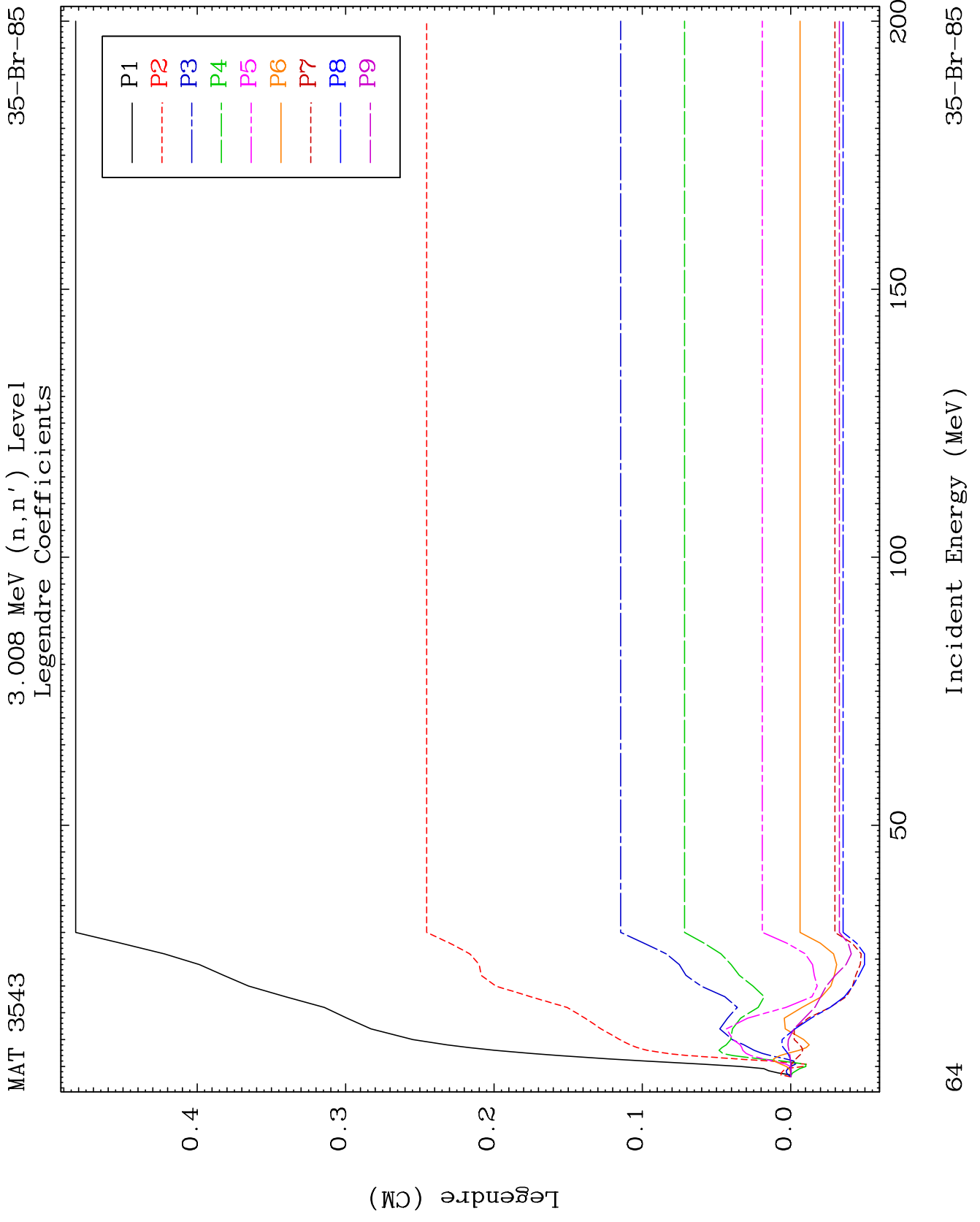


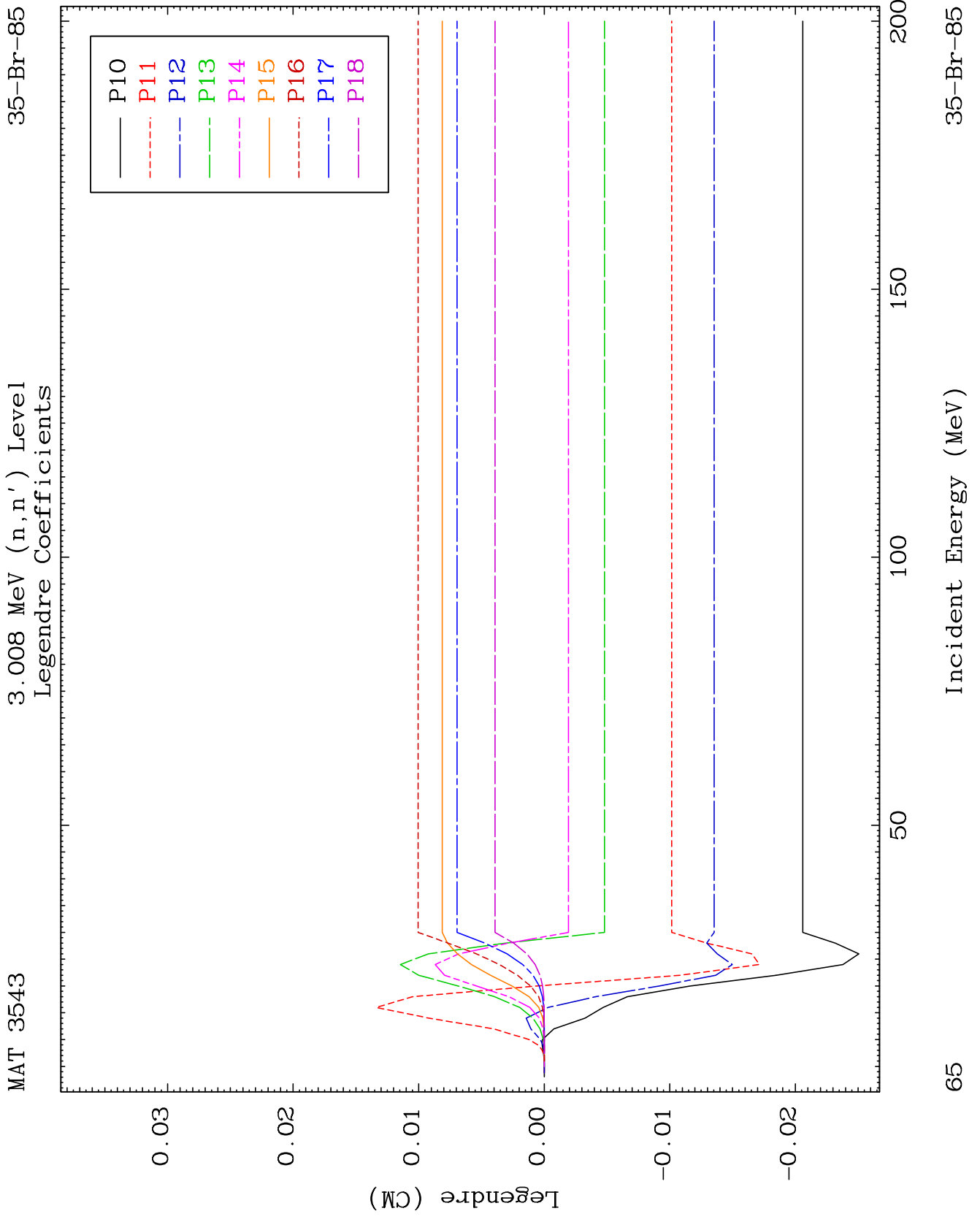


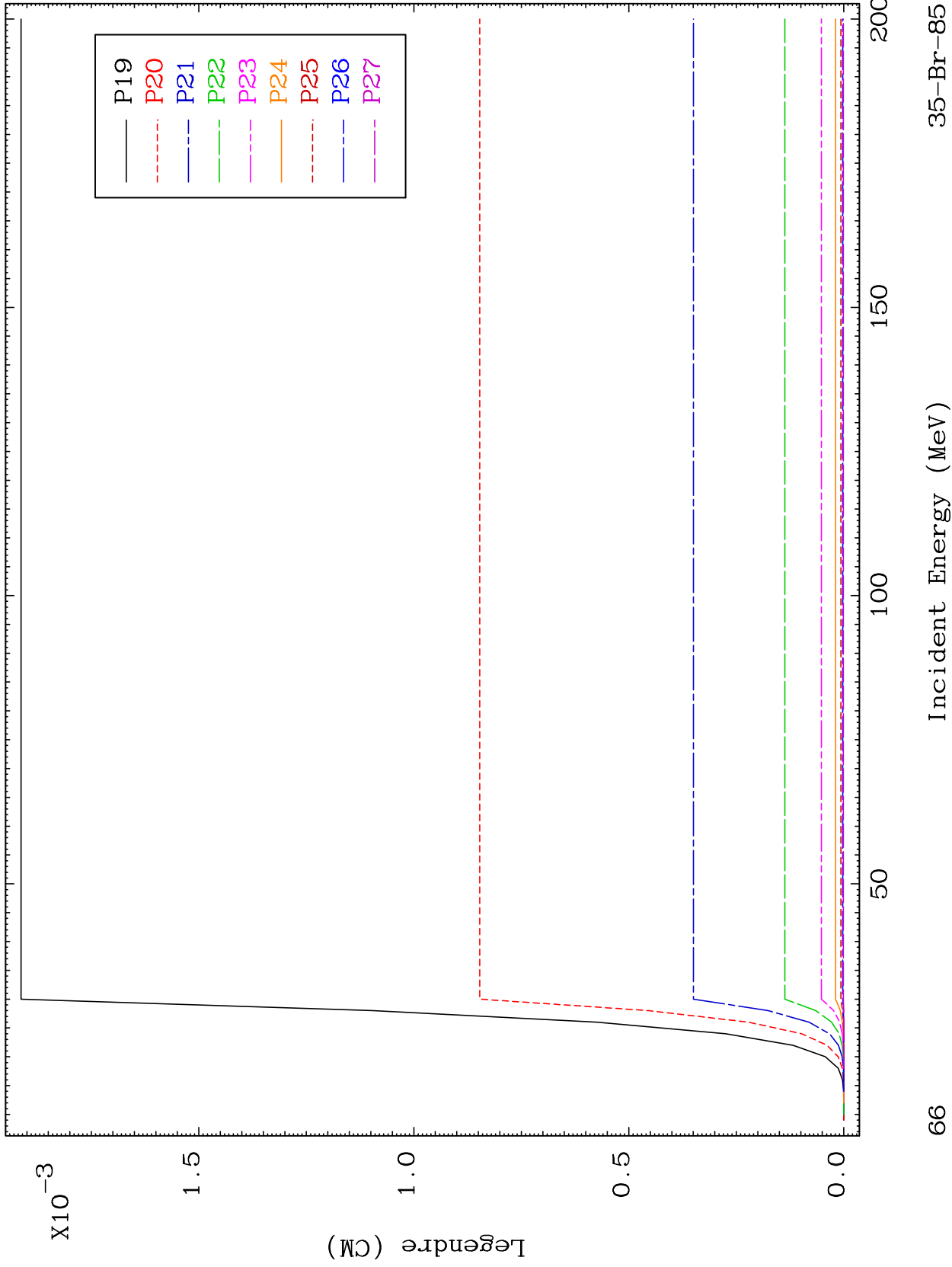


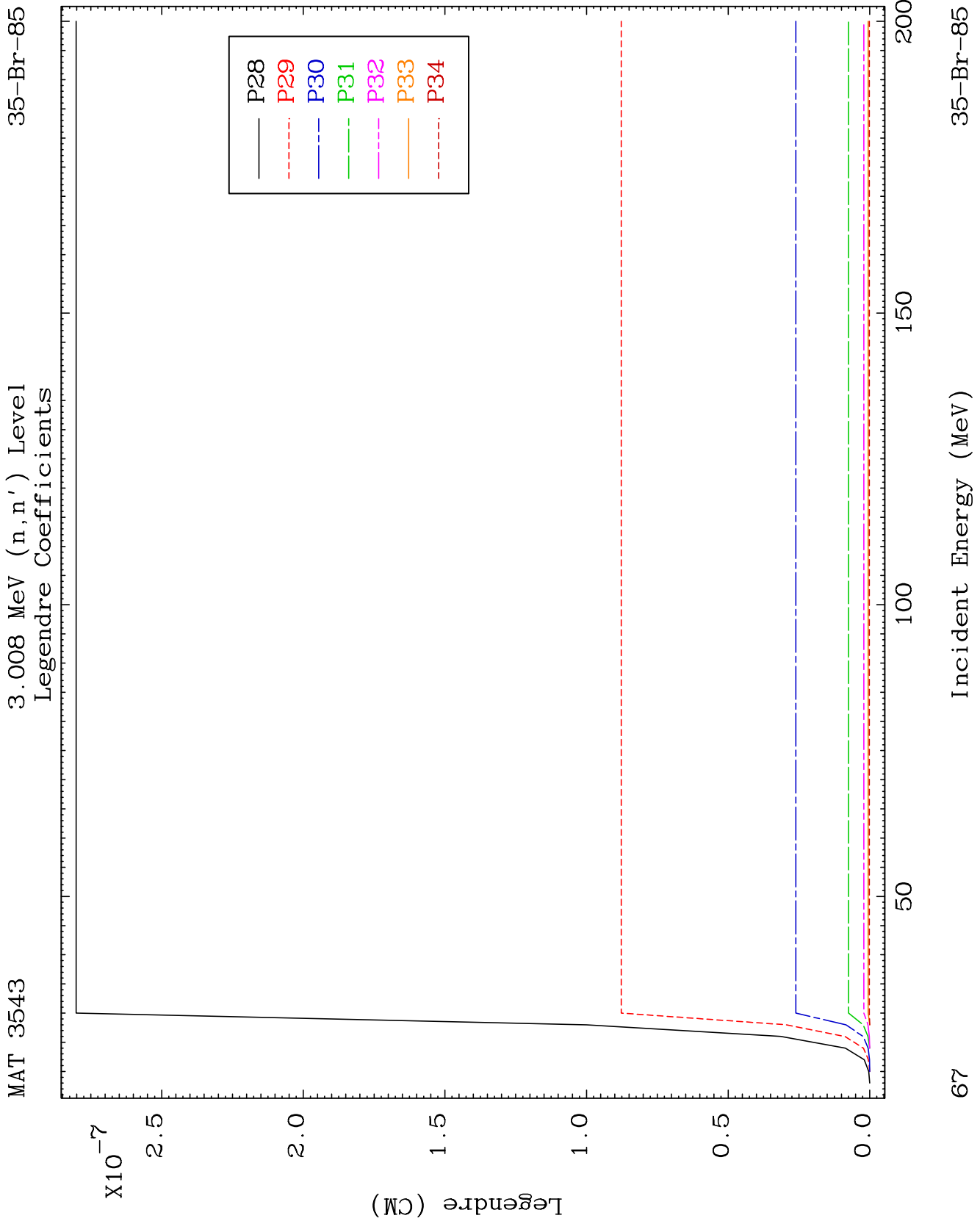


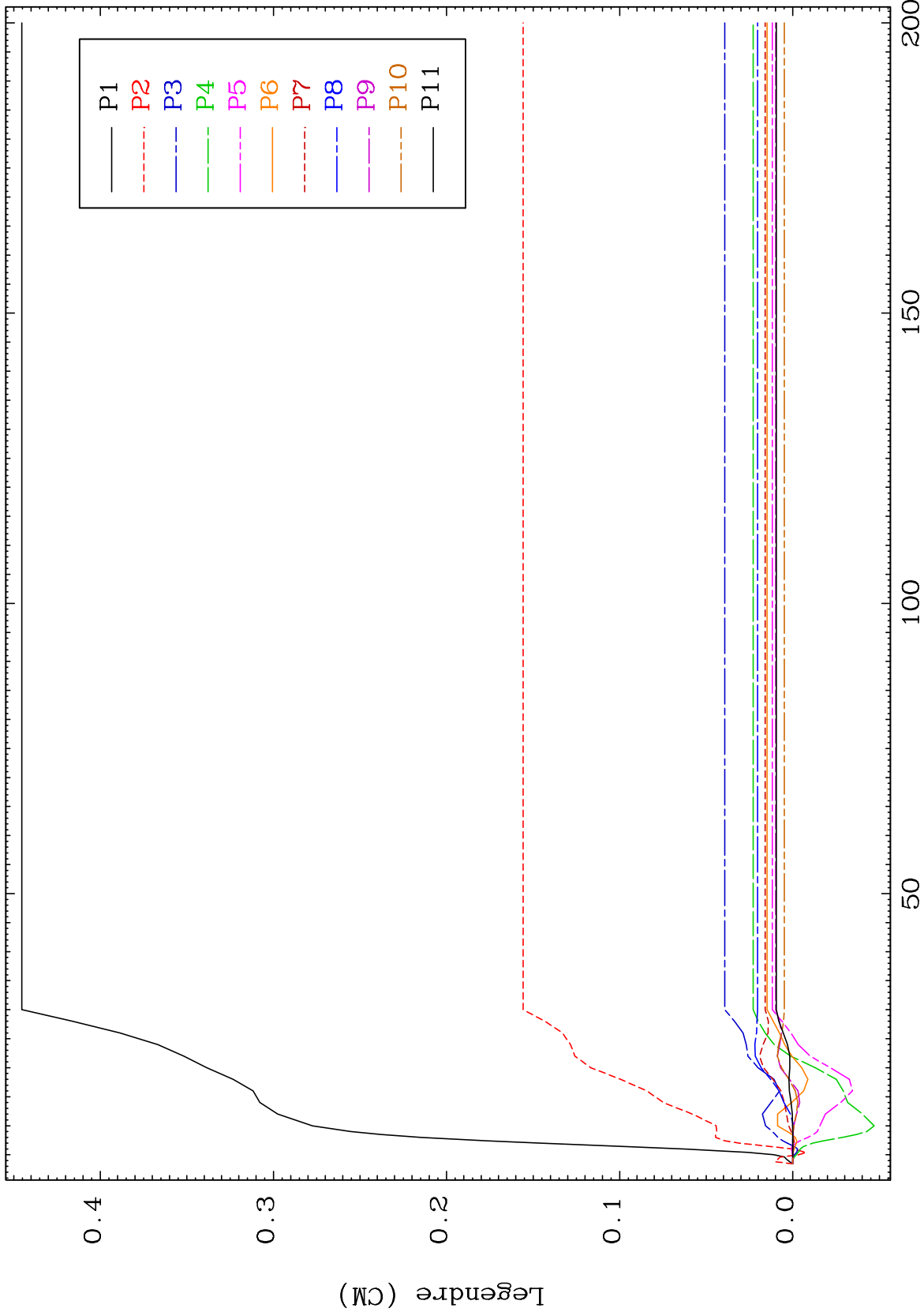








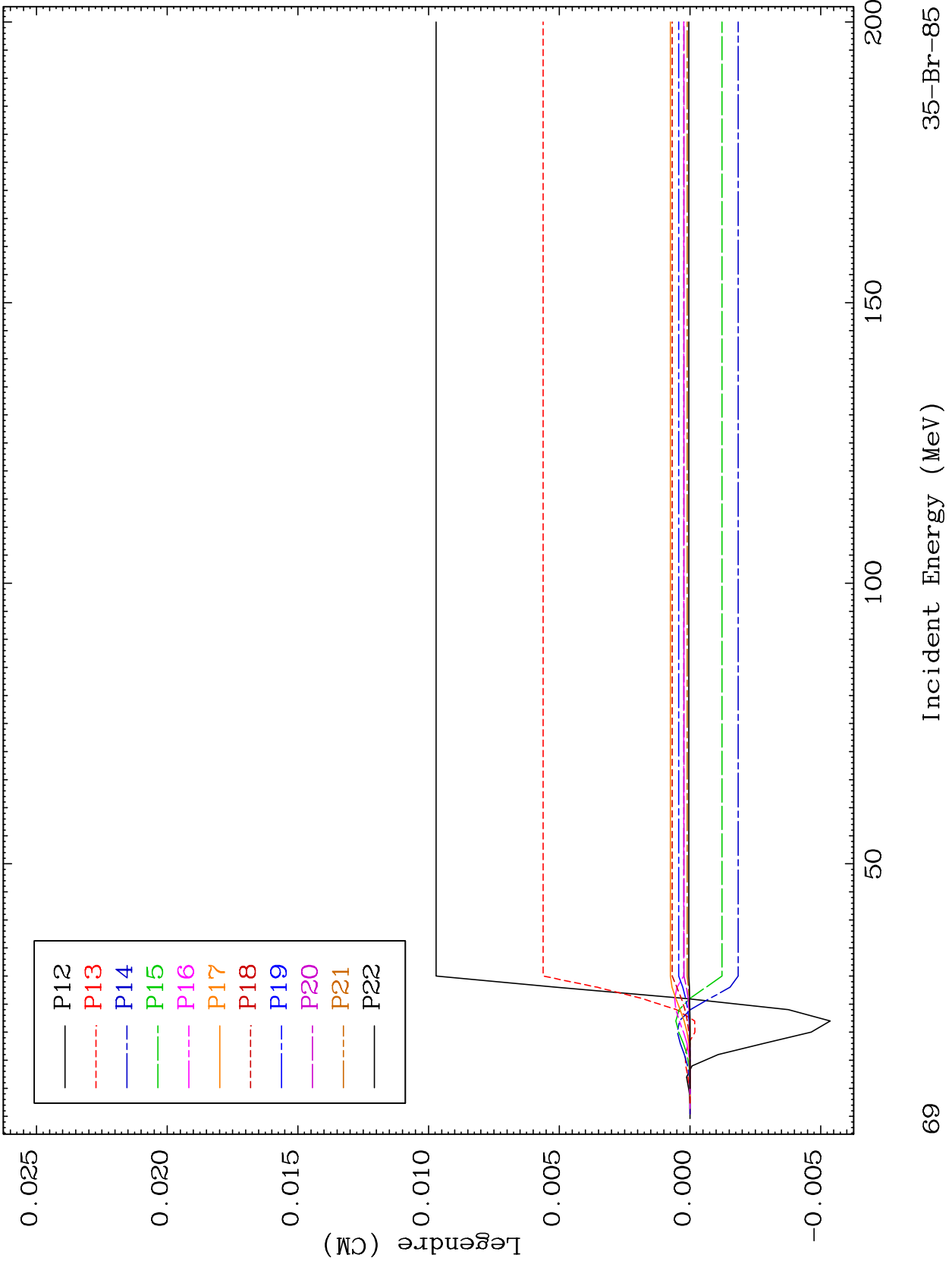




MAT 3543

3.401 MeV (n,n') Level
Legendre Coefficients

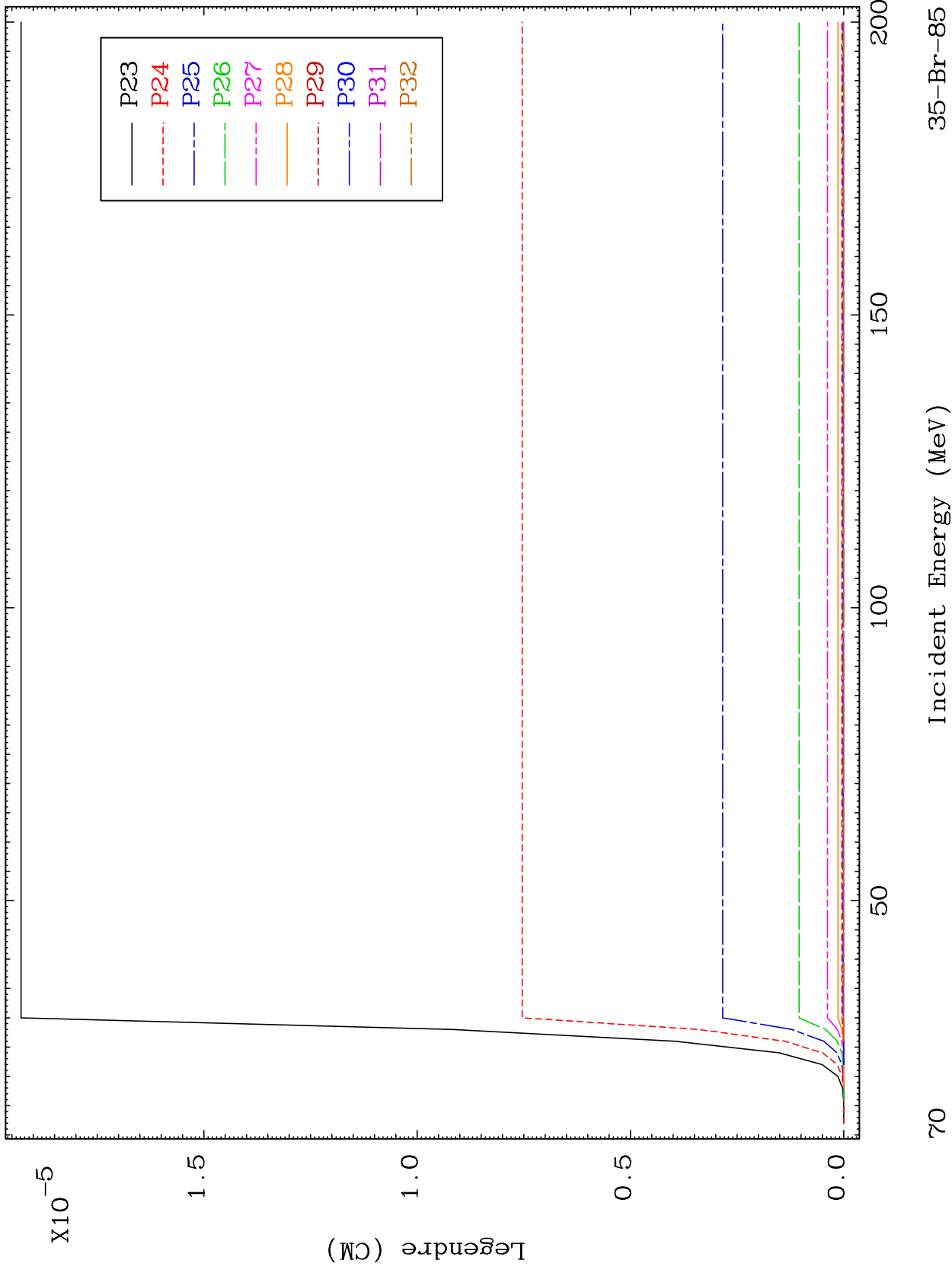
35-Br-85



MAT 3543

3.401 MeV (n,n') Level
Legendre Coefficients

35-Br-85



70

Incident Energy (MeV)

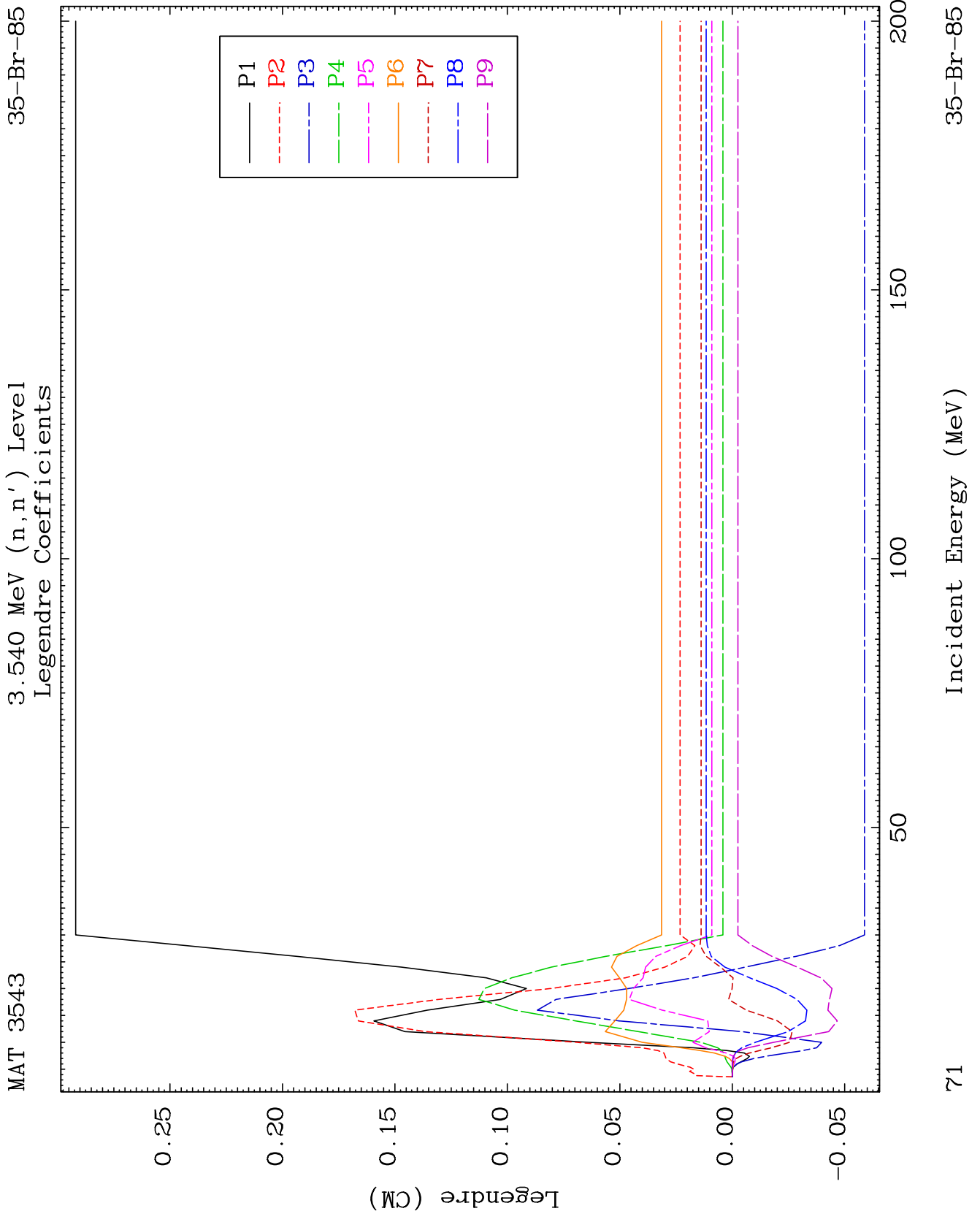
50

100

150

200

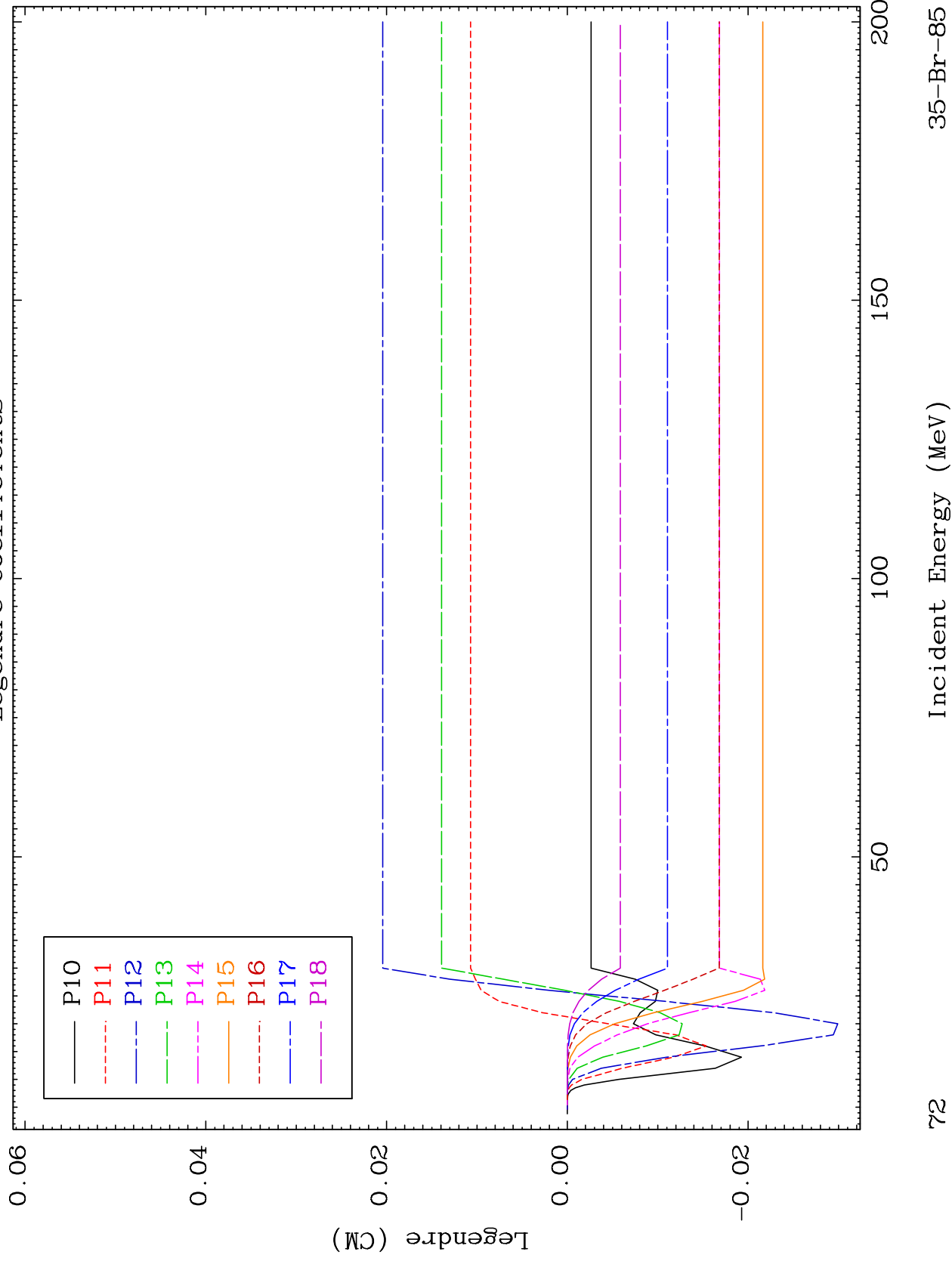
35-Br-85



MAT 3543

3.540 MeV (n,n') Level
Legendre Coefficients

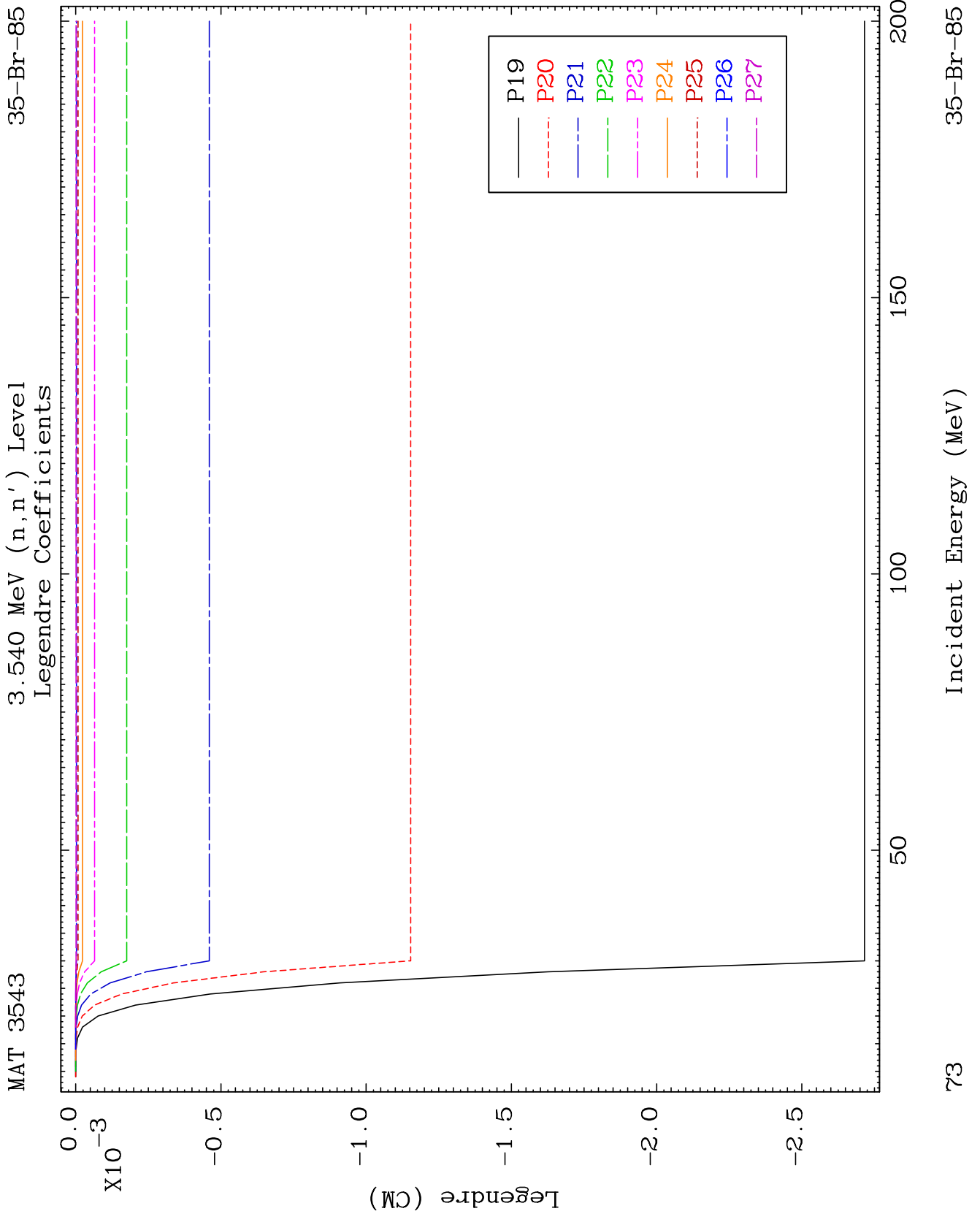
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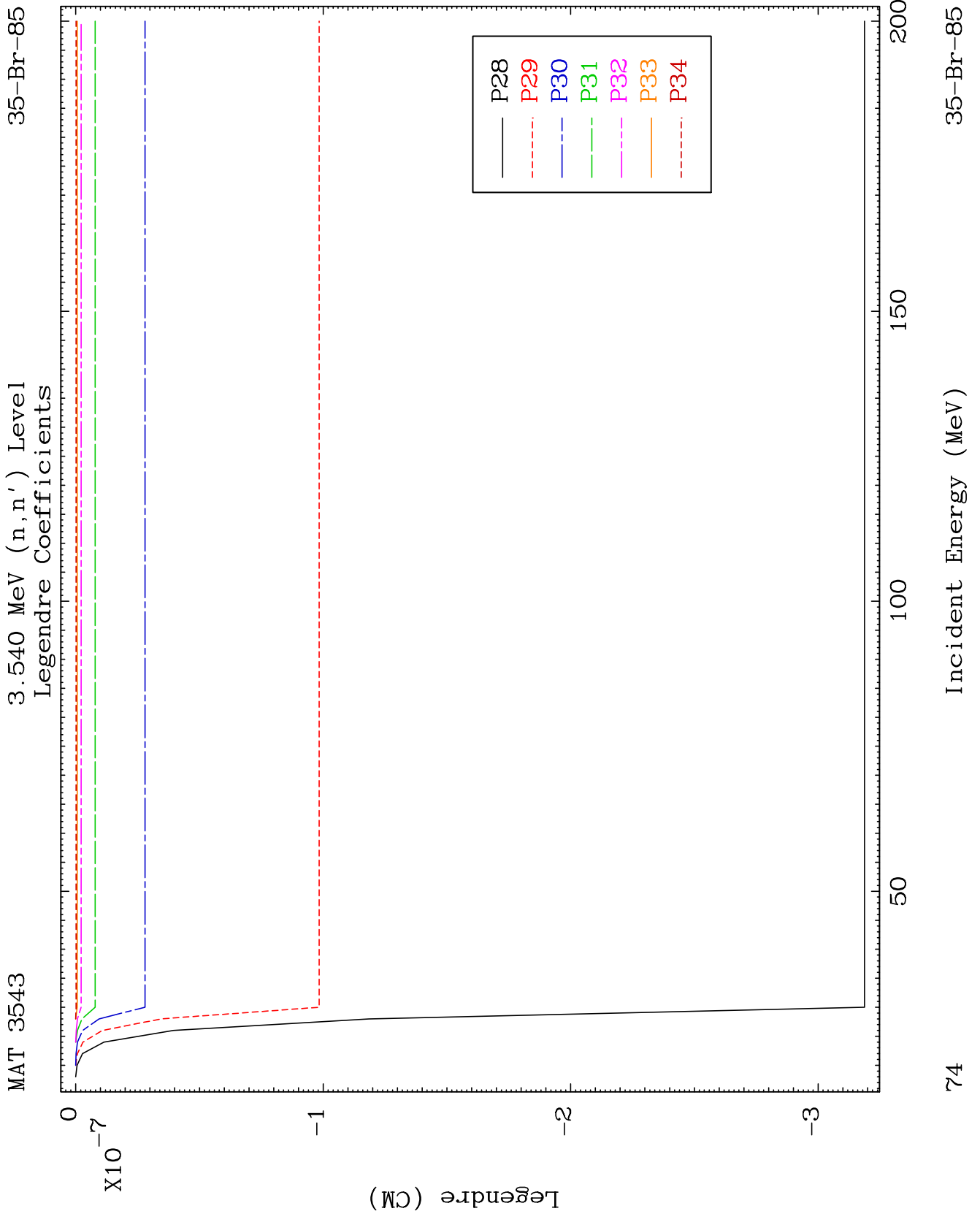


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35-Br-85

Incident Energy (MeV)

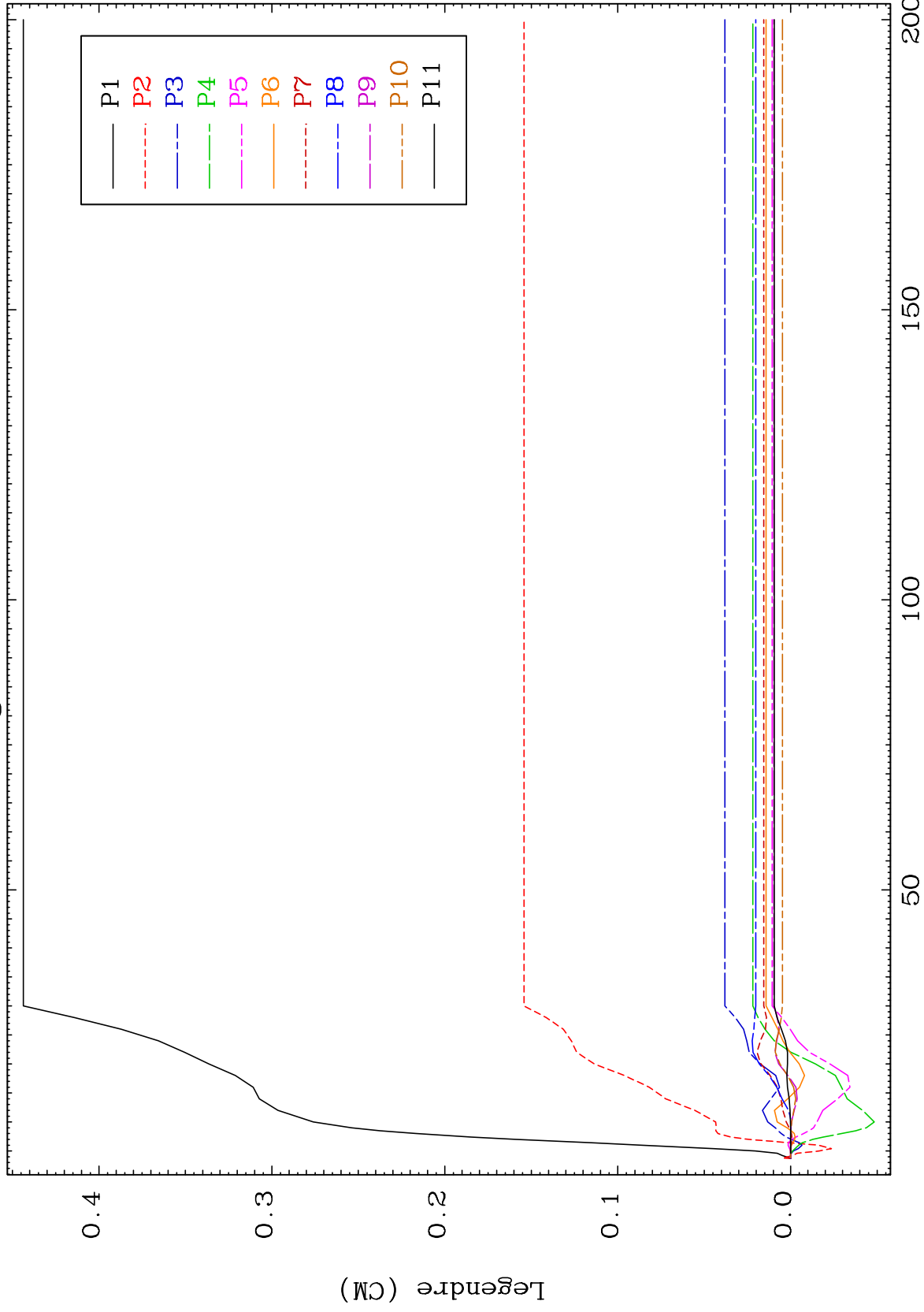




MAT 3543

3.645 MeV (n,n') Level
Legendre Coefficients

35-Br-85



75

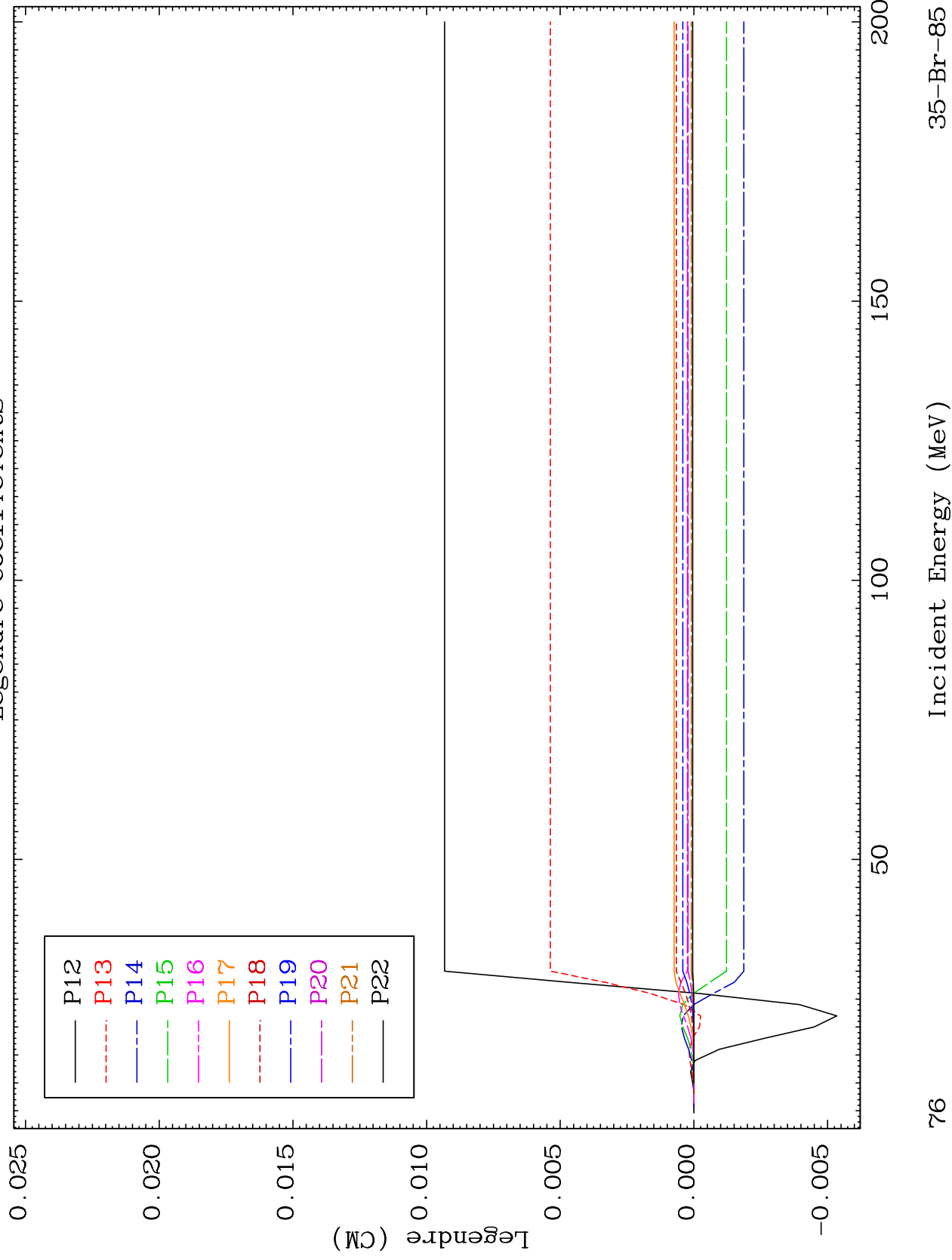
Incident Energy (MeV)

35-Br-85

MAT 3543

3.645 MeV (n,n') Level
Legendre Coefficients

35-Br-85



76

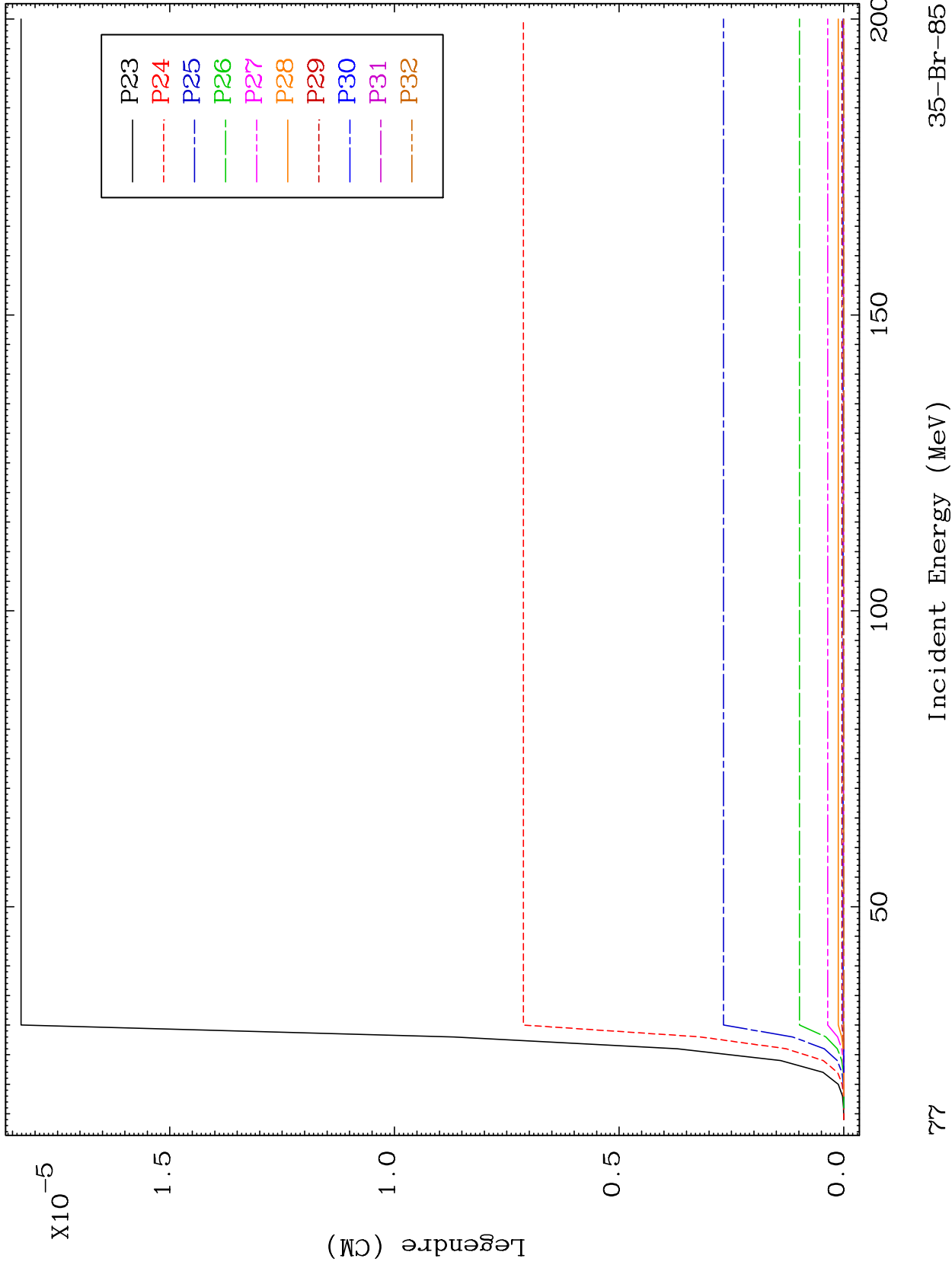
Incident Energy (MeV)

35-Br-85

MAT 3543

3.645 MeV (n,n') Level
Legendre Coefficients

35-Br-85



77

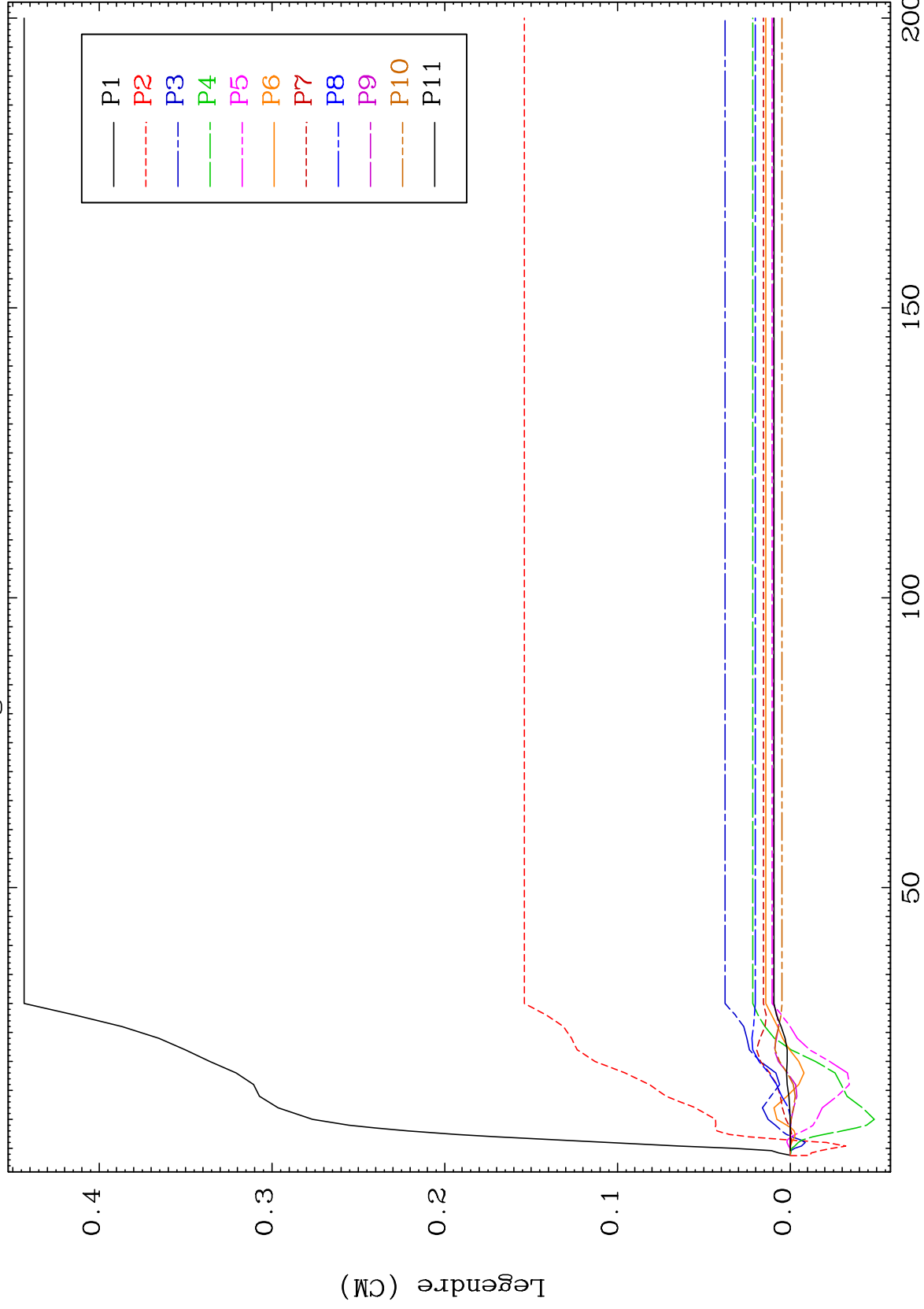
Incident Energy (MeV)

35-Br-85

MAT 3543

3.680 MeV (n,n') Level
Legendre Coefficients

35-Br-85



78

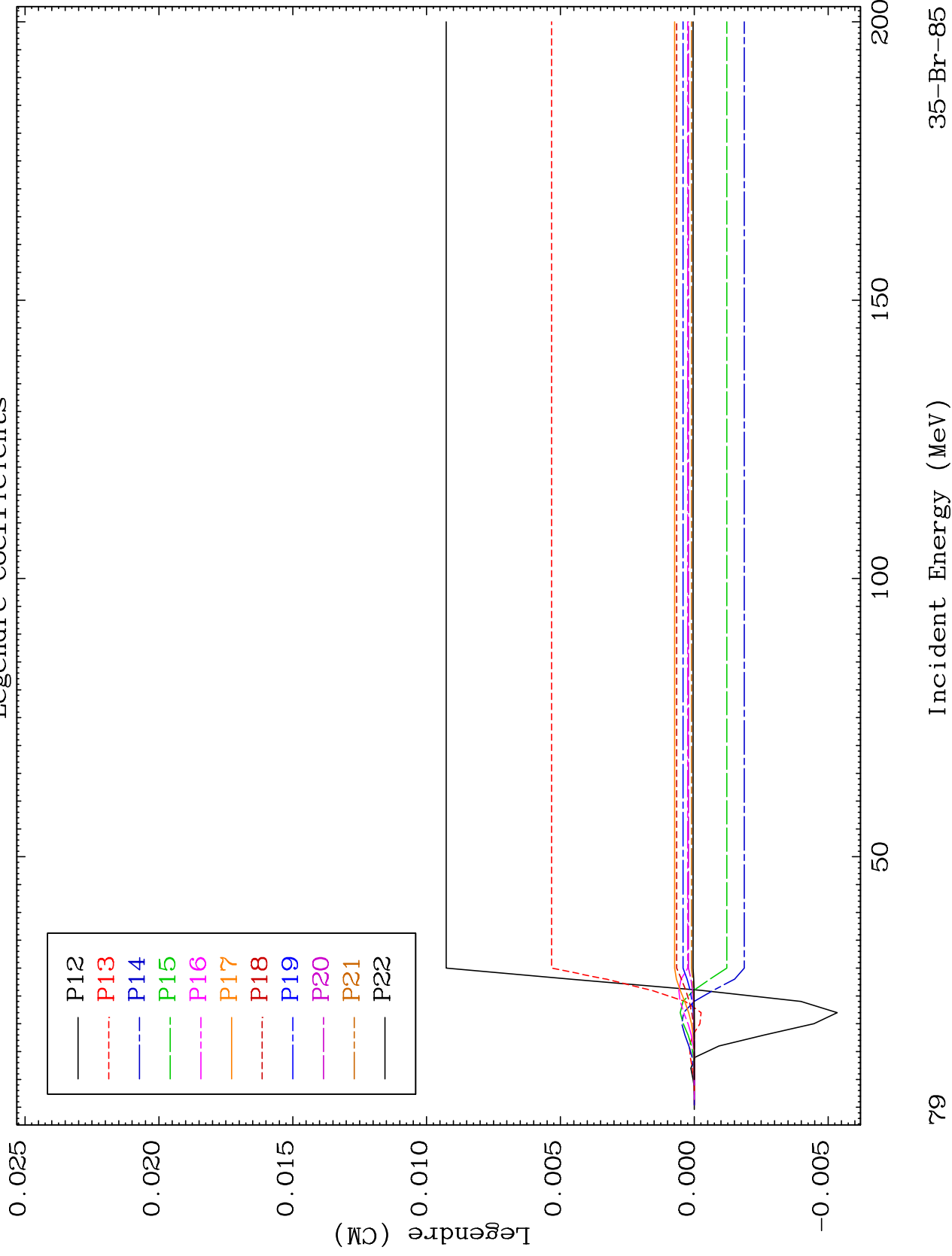
Incident Energy (MeV)

35-Br-85

MAT 3543

3.680 MeV (n,n') Level
Legendre Coefficients

35-Br-85



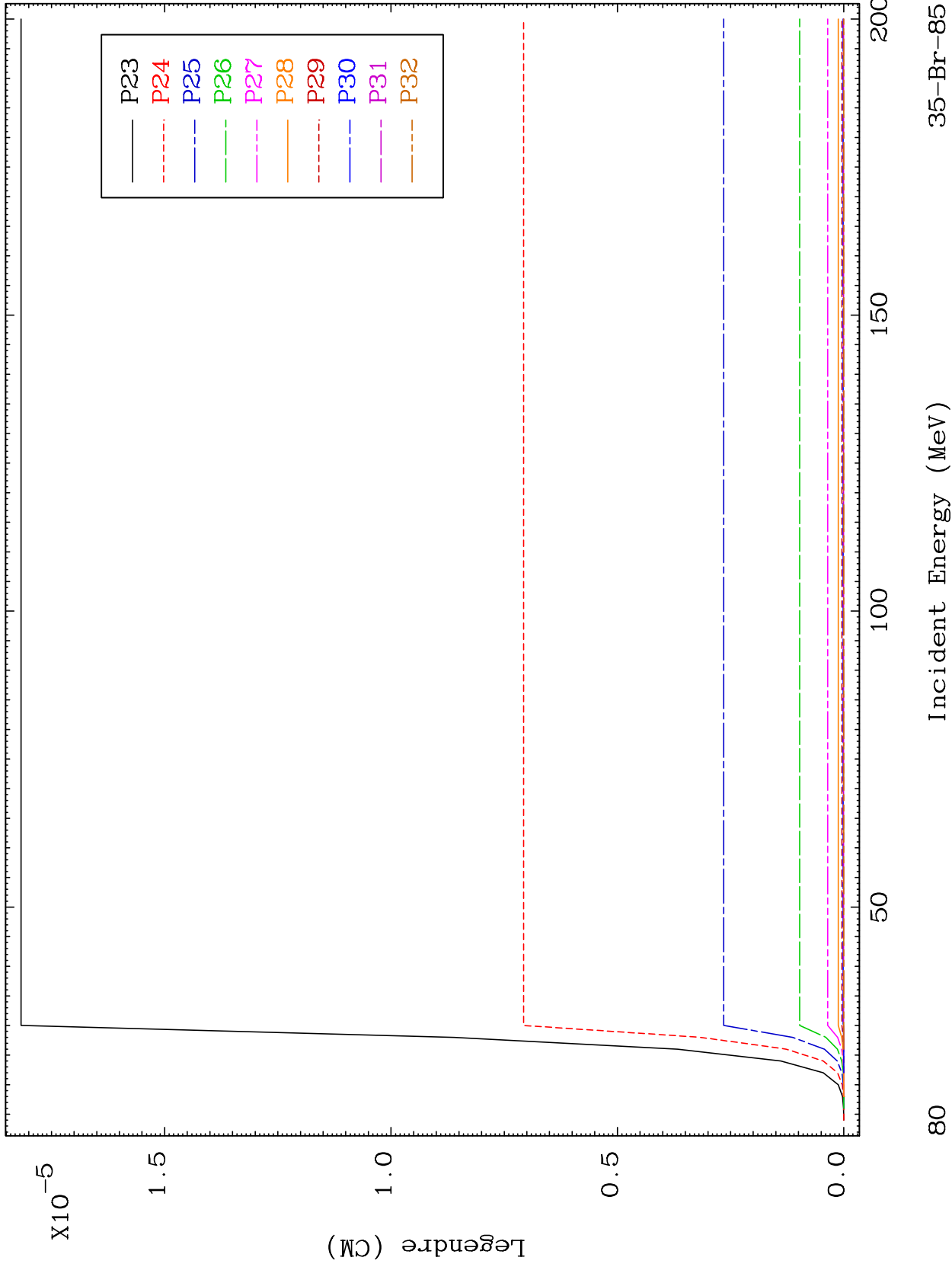
79

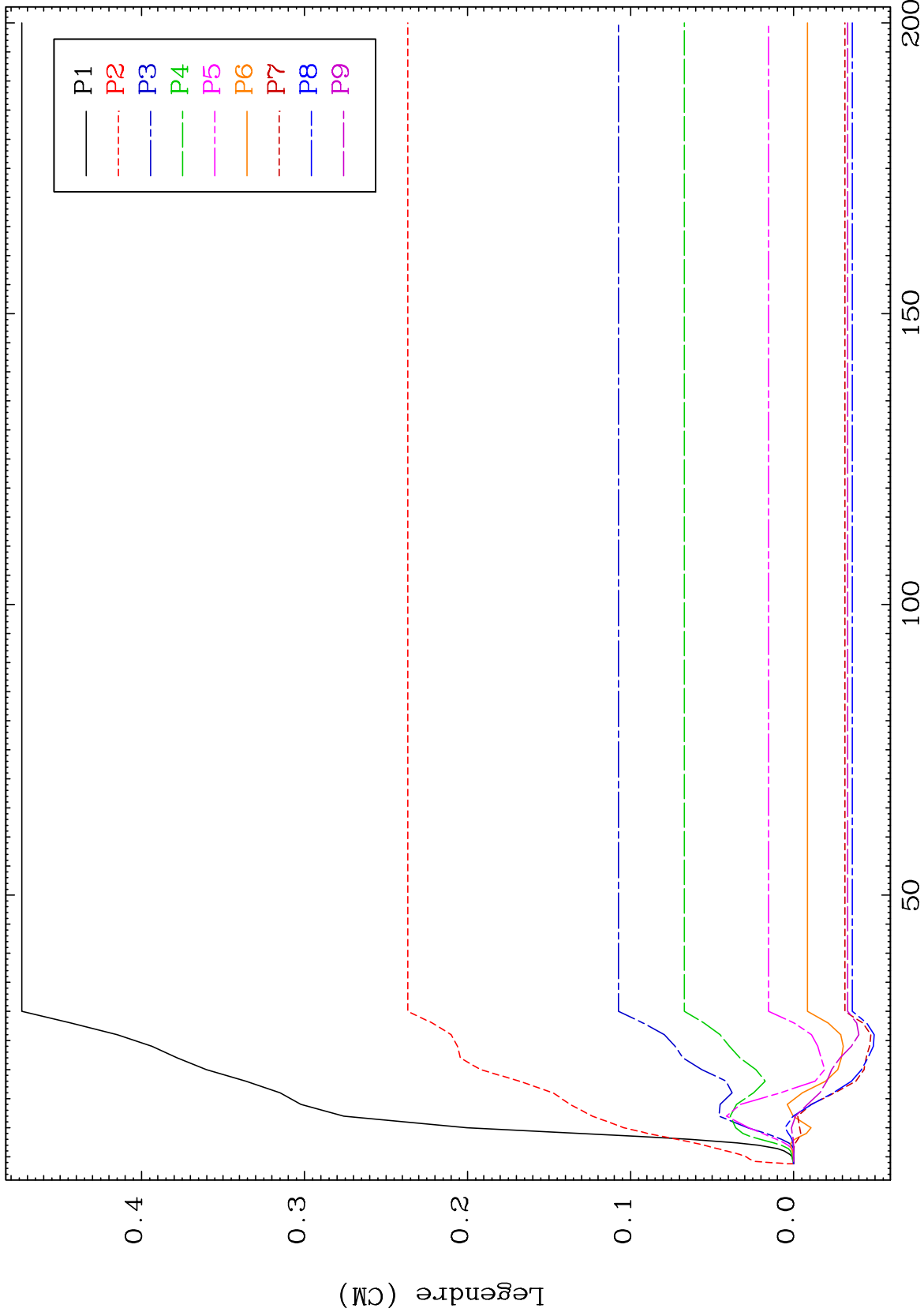
35-Br-85

MAT 3543

3.680 MeV (n,n') Level
Legendre Coefficients

35-Br-85

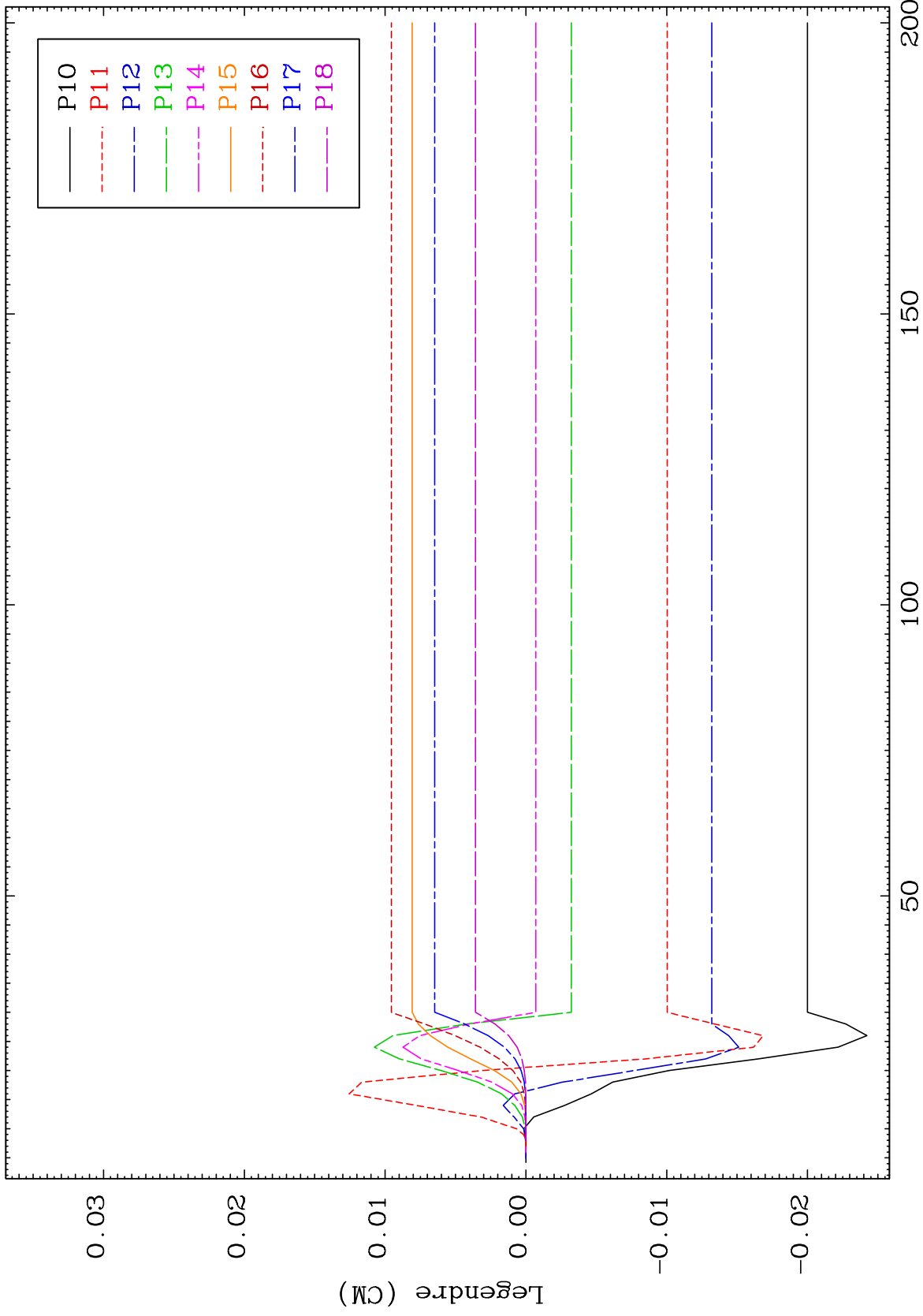




MAT 3543

3.742 MeV (n,n') Level
Legendre Coefficients

35-Br-85



82

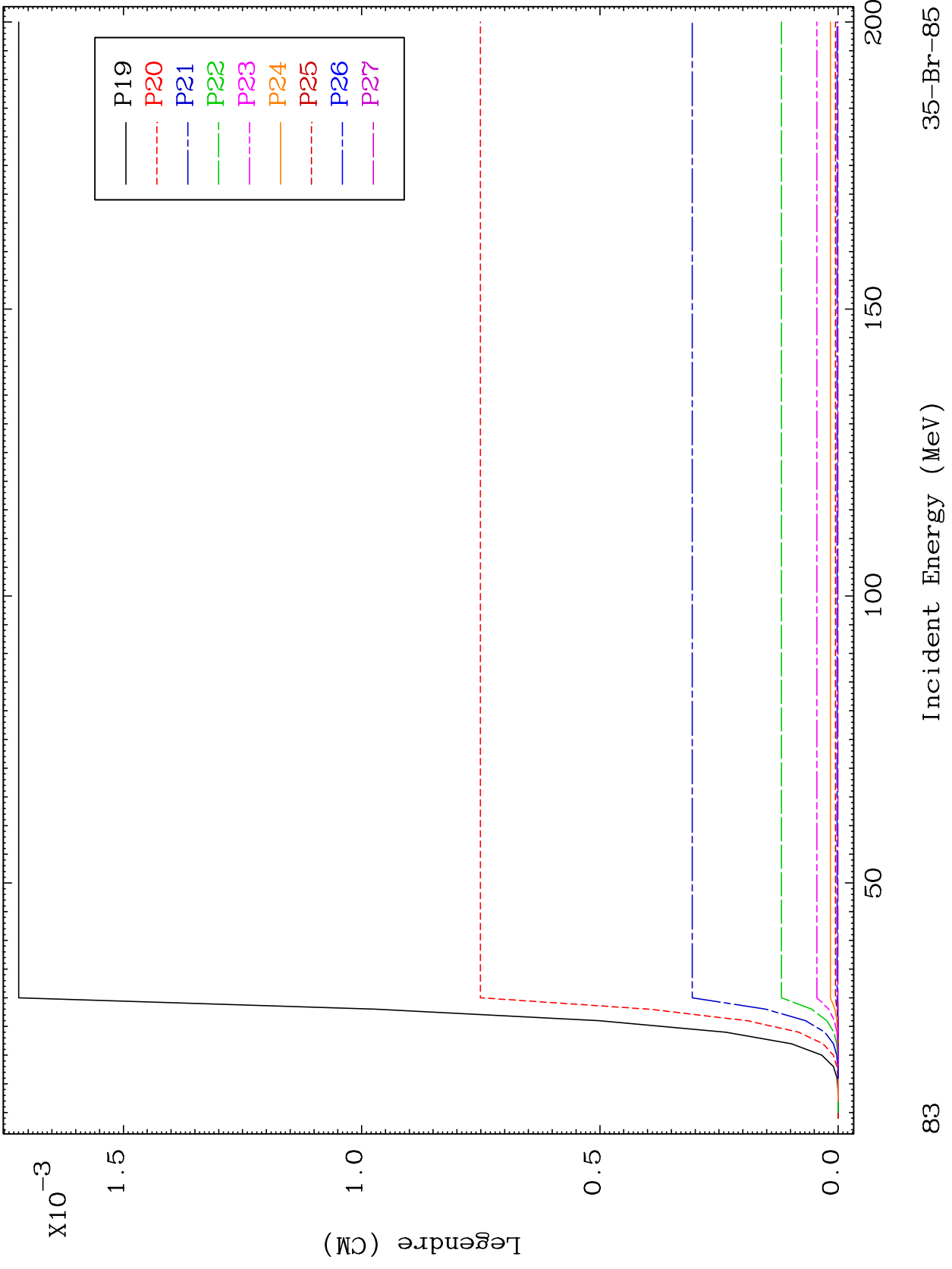
Incident Energy (MeV)

35-Br-85

MAT 3543

3.742 MeV (n,n') Level
Legendre Coefficients

35-Br-85



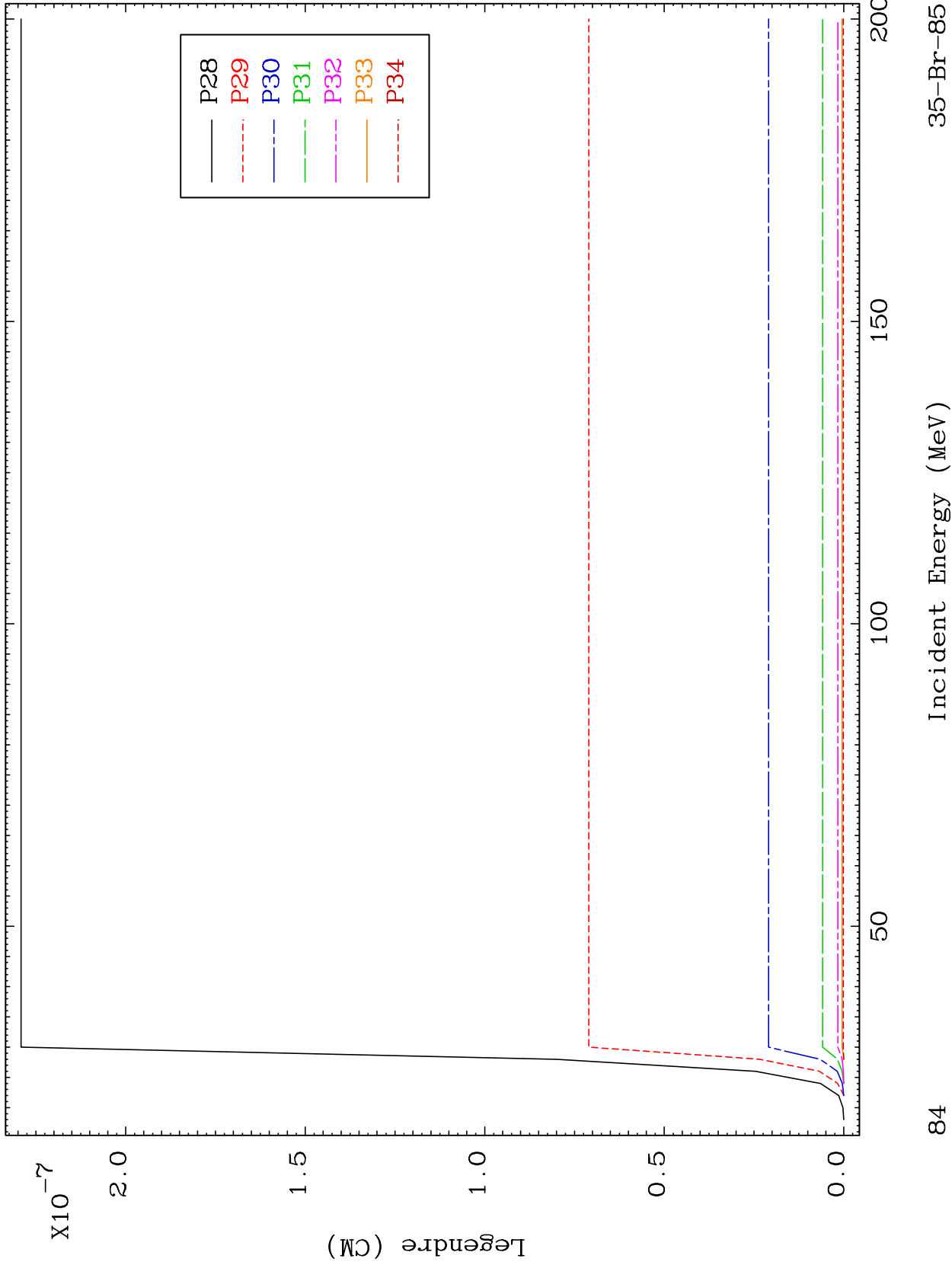
83

35-Br-85

MAT 3543

3.742 MeV (n, n') Level
Legendre Coefficients

35-Br-85



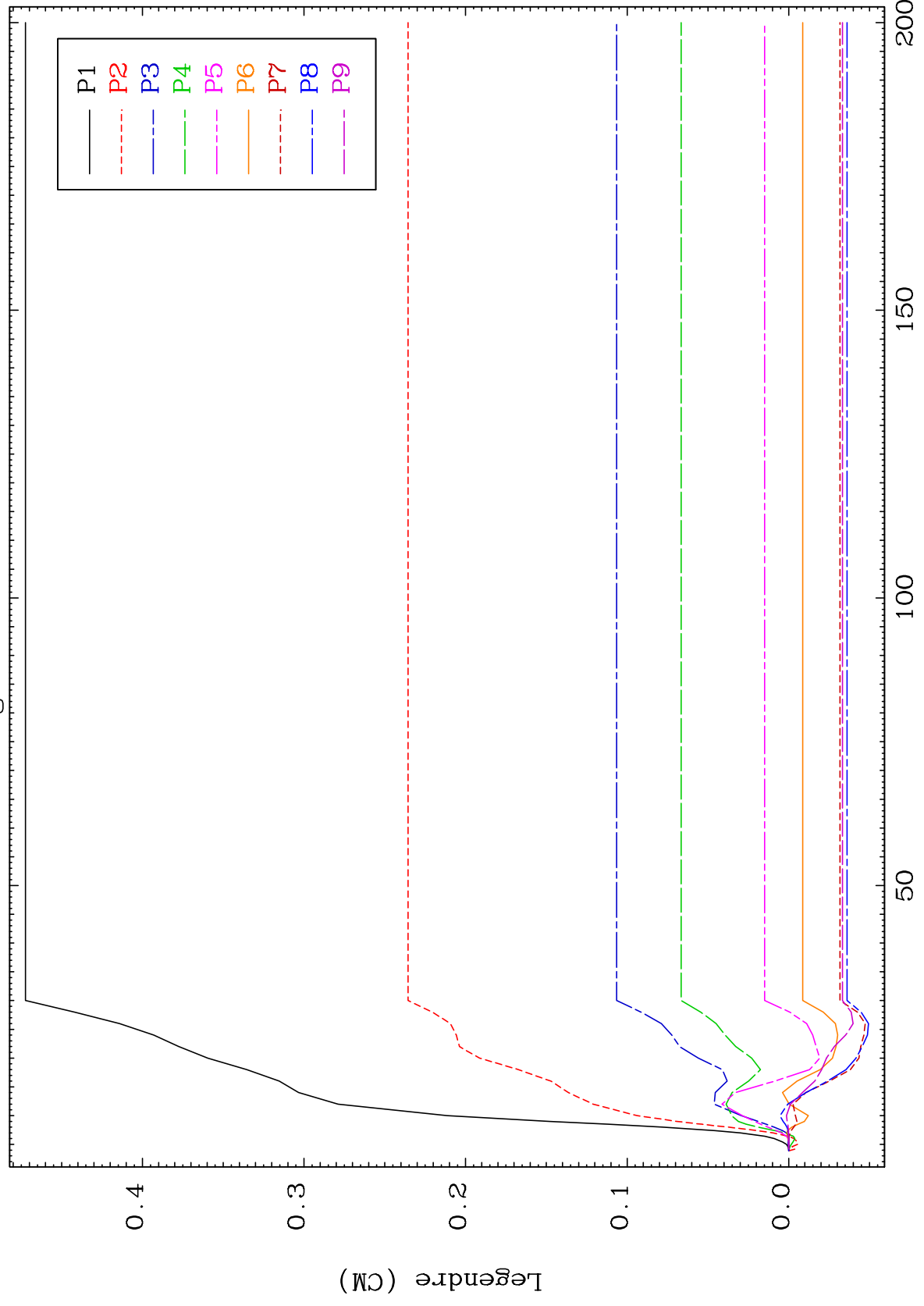
84

35-Br-85

MAT 3543

3.825 MeV (n,n') Level
Legendre Coefficients

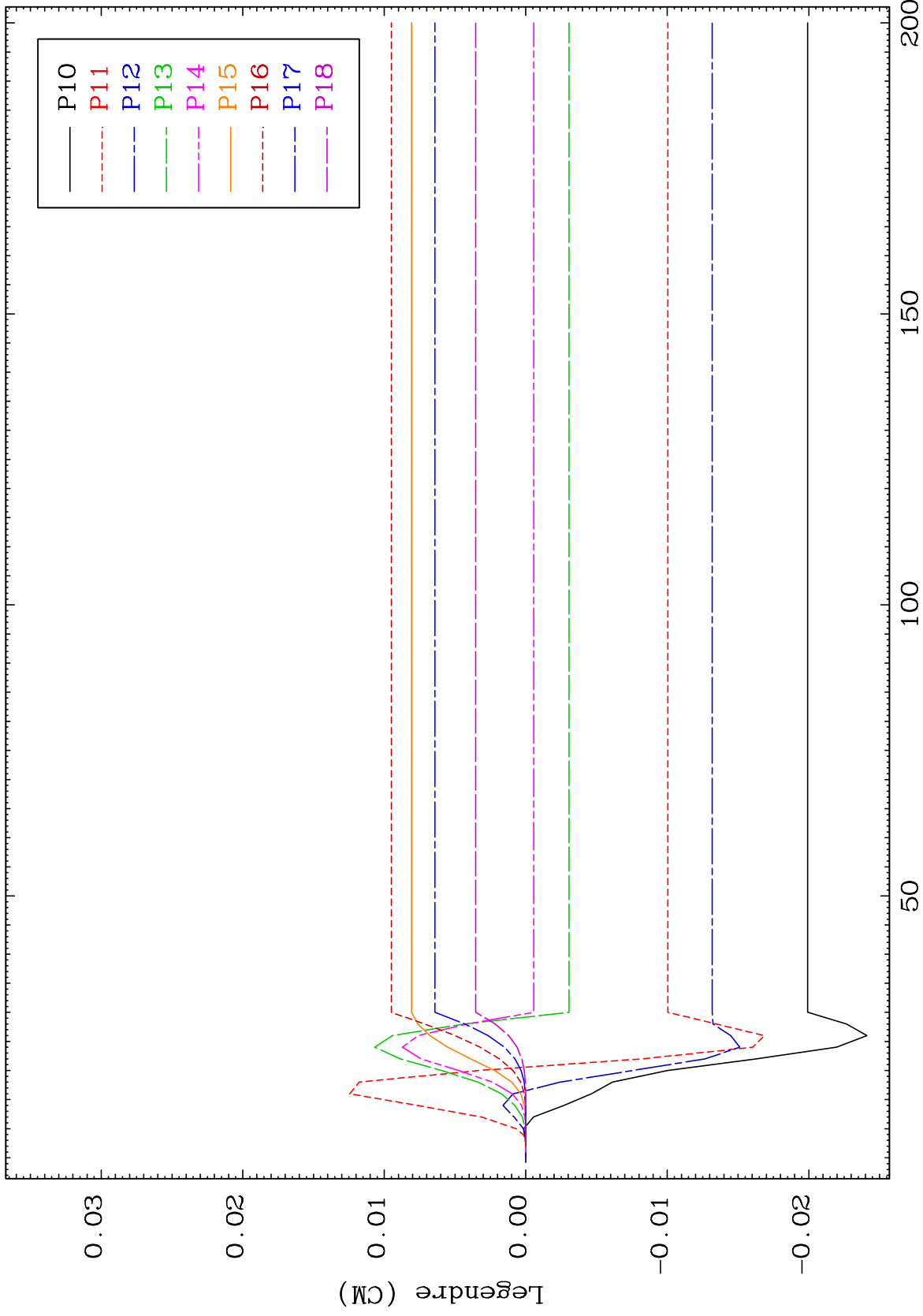
35-Br-85



85

Incident Energy (MeV)

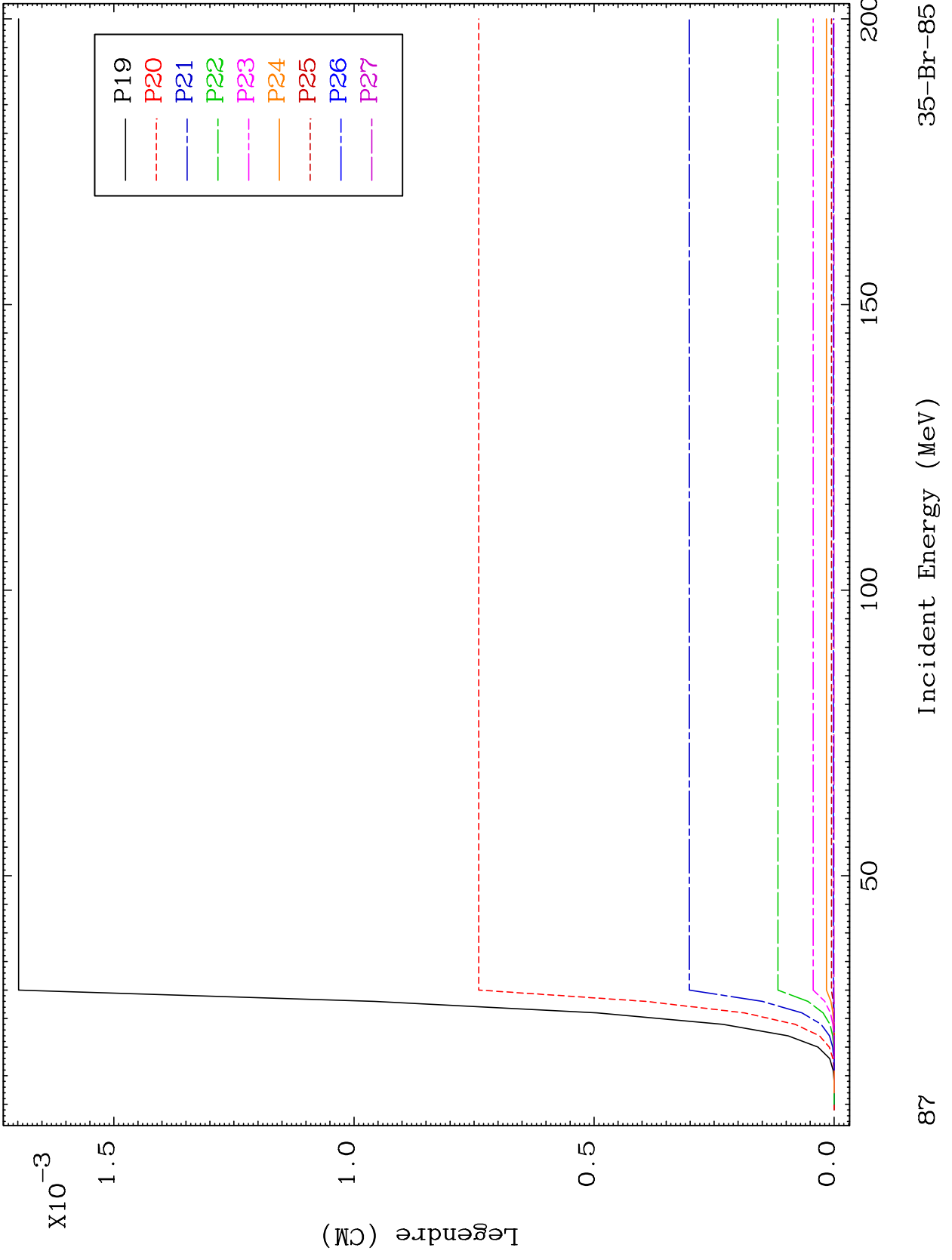
35-Br-85



MAT 3543

3.825 MeV (n,n') Level
Legendre Coefficients

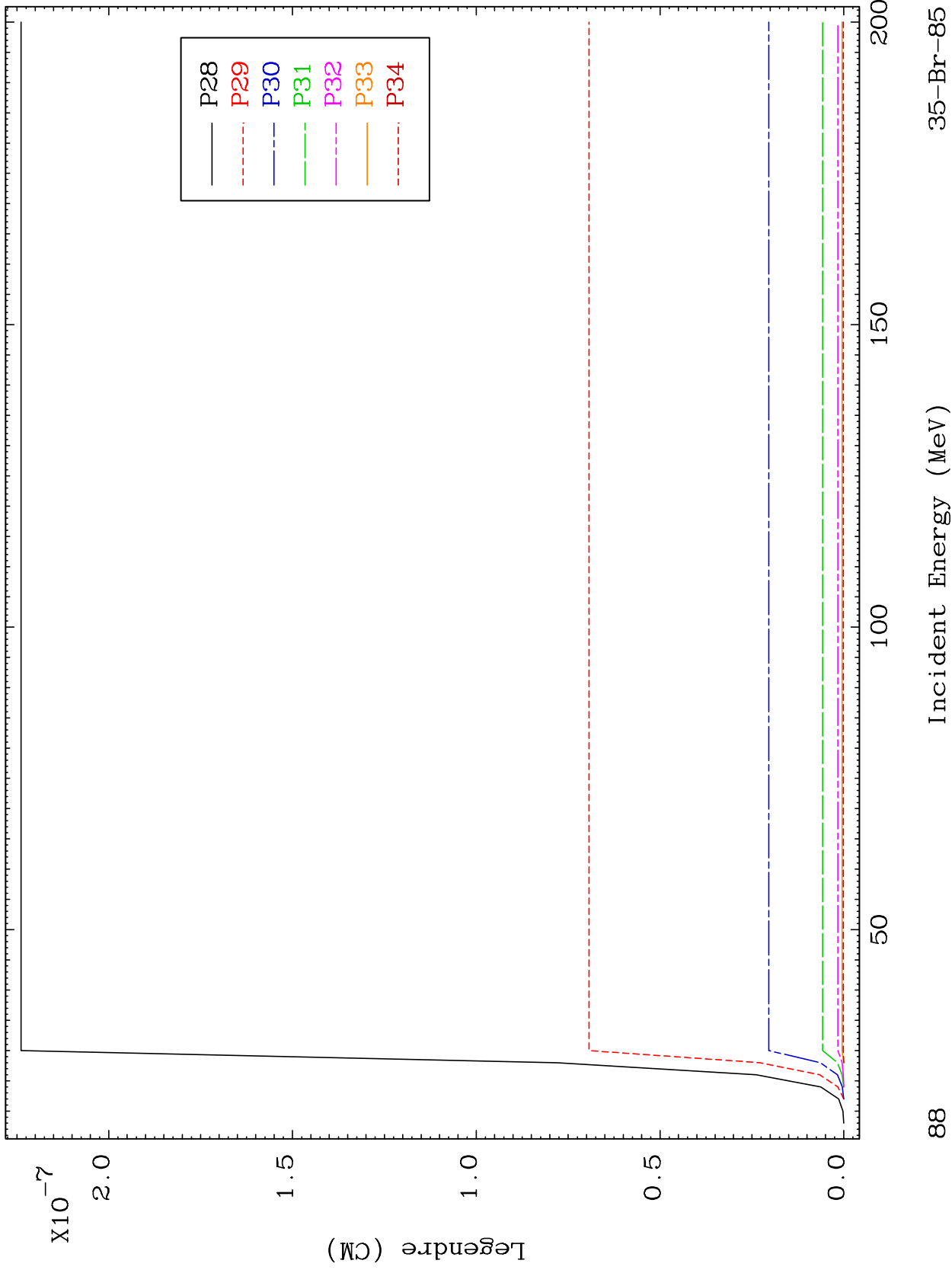
35-Br-85

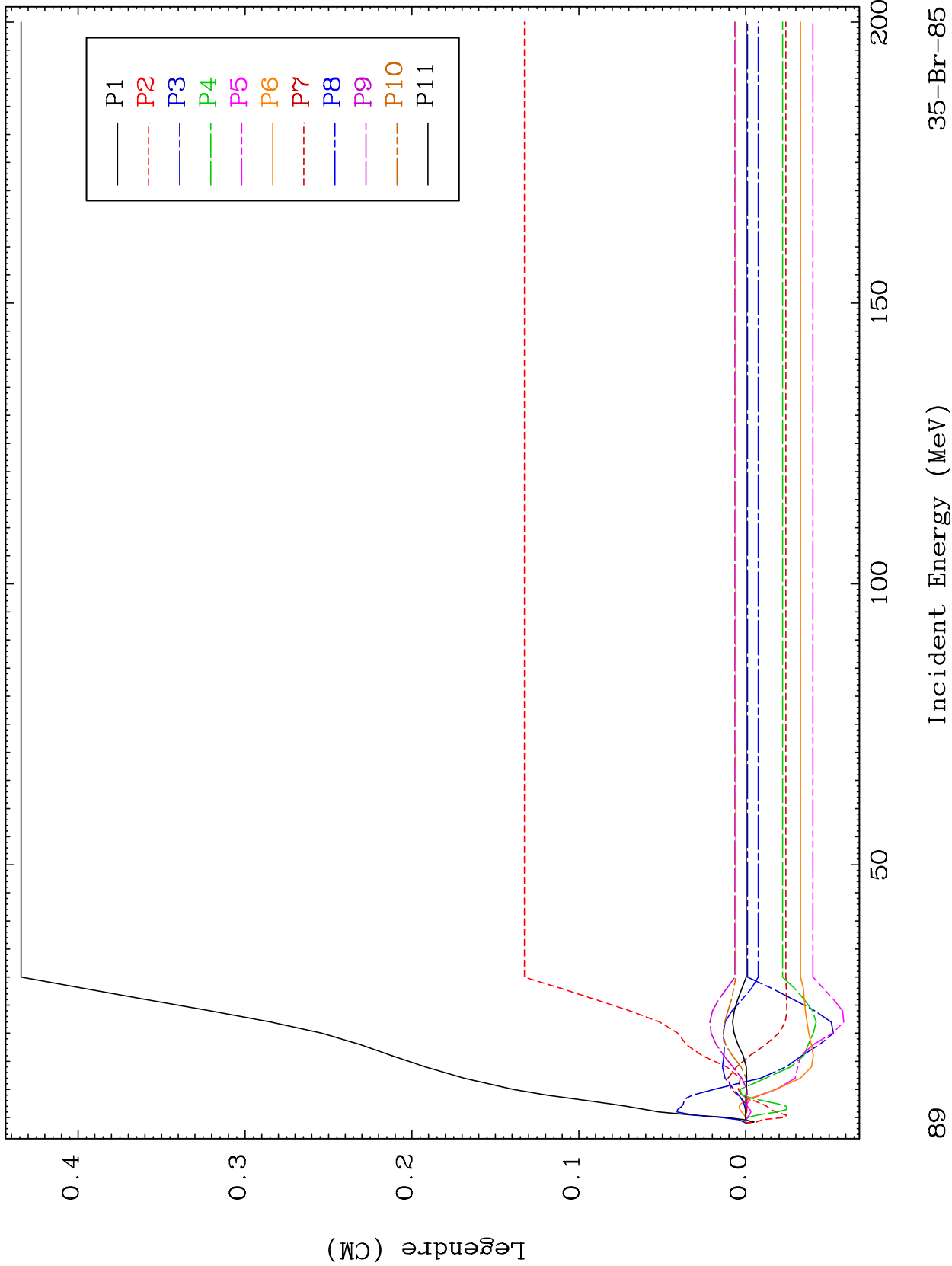


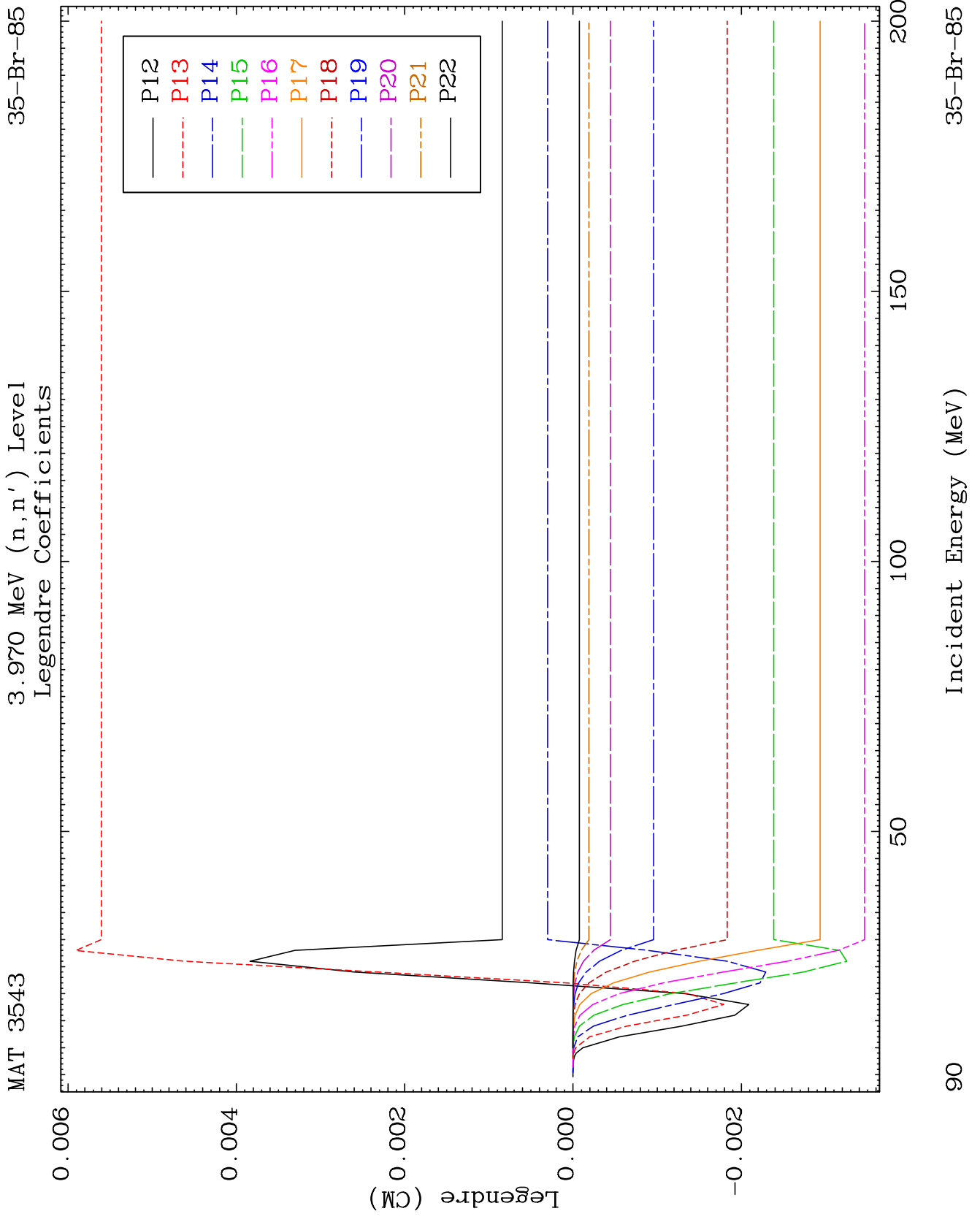
MAT 3543

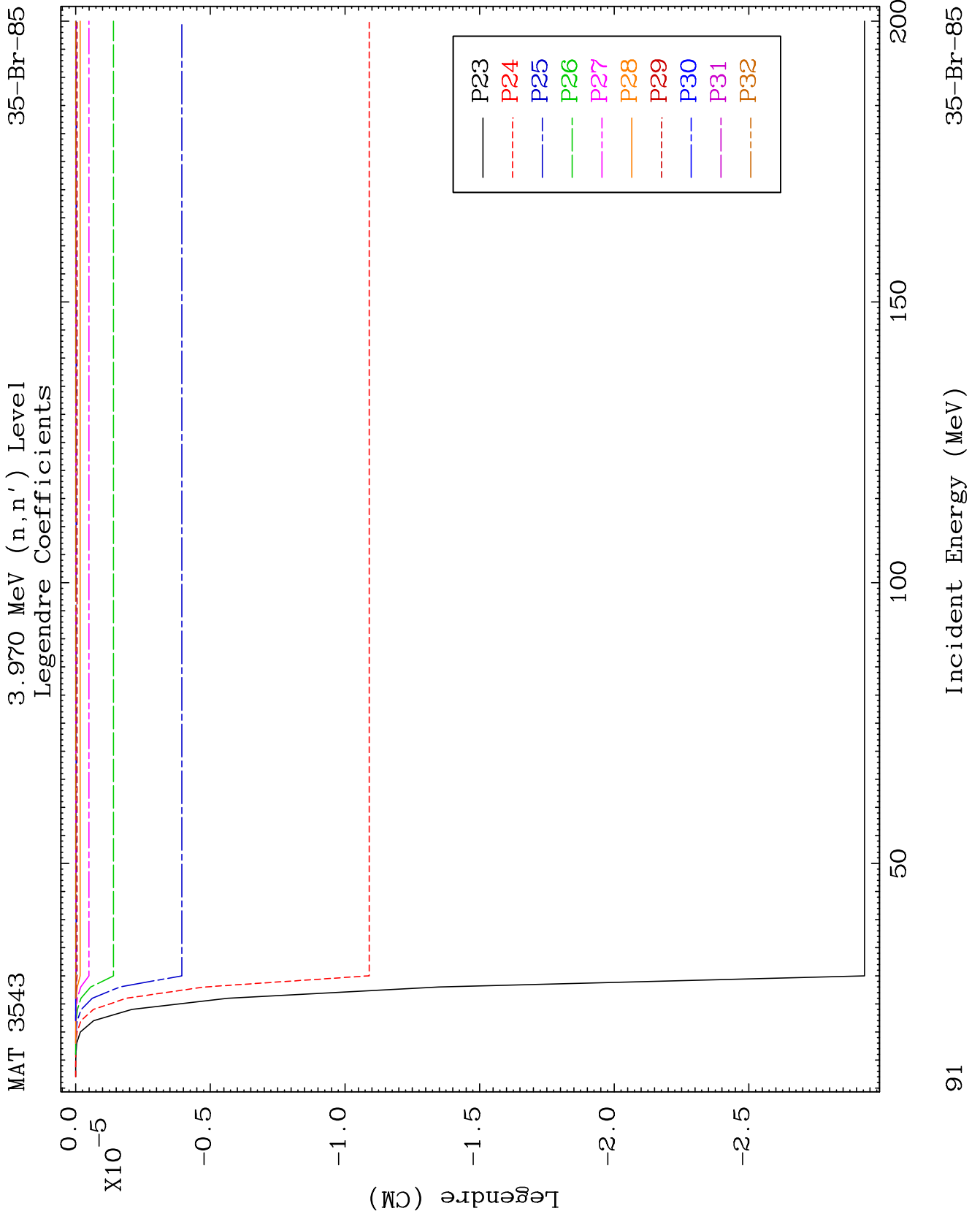
3.825 MeV (n,n') Level
Legendre Coefficients

35-Br-85





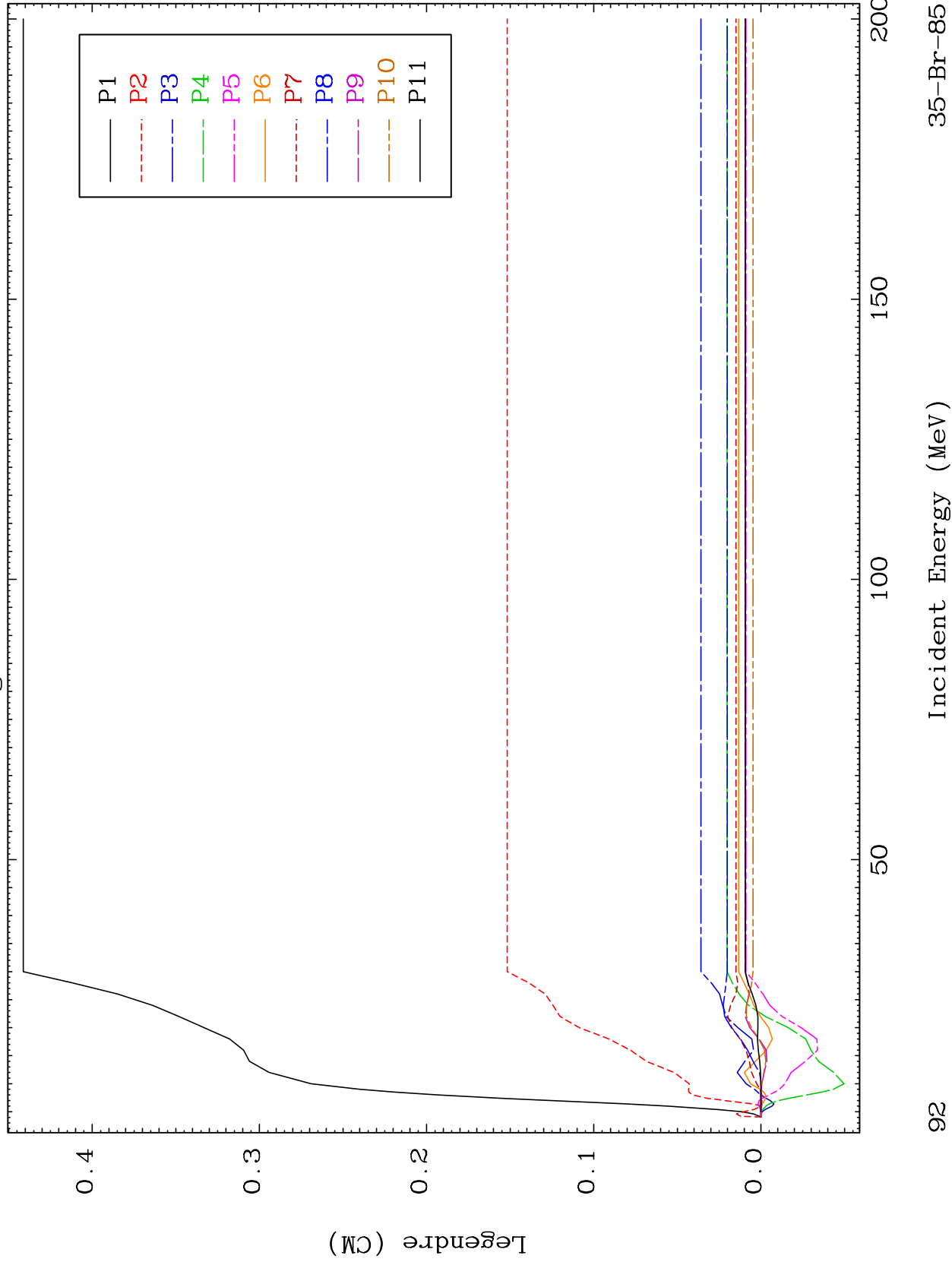




MAT 3543

4.000 MeV (n,n') Level
Legendre Coefficients

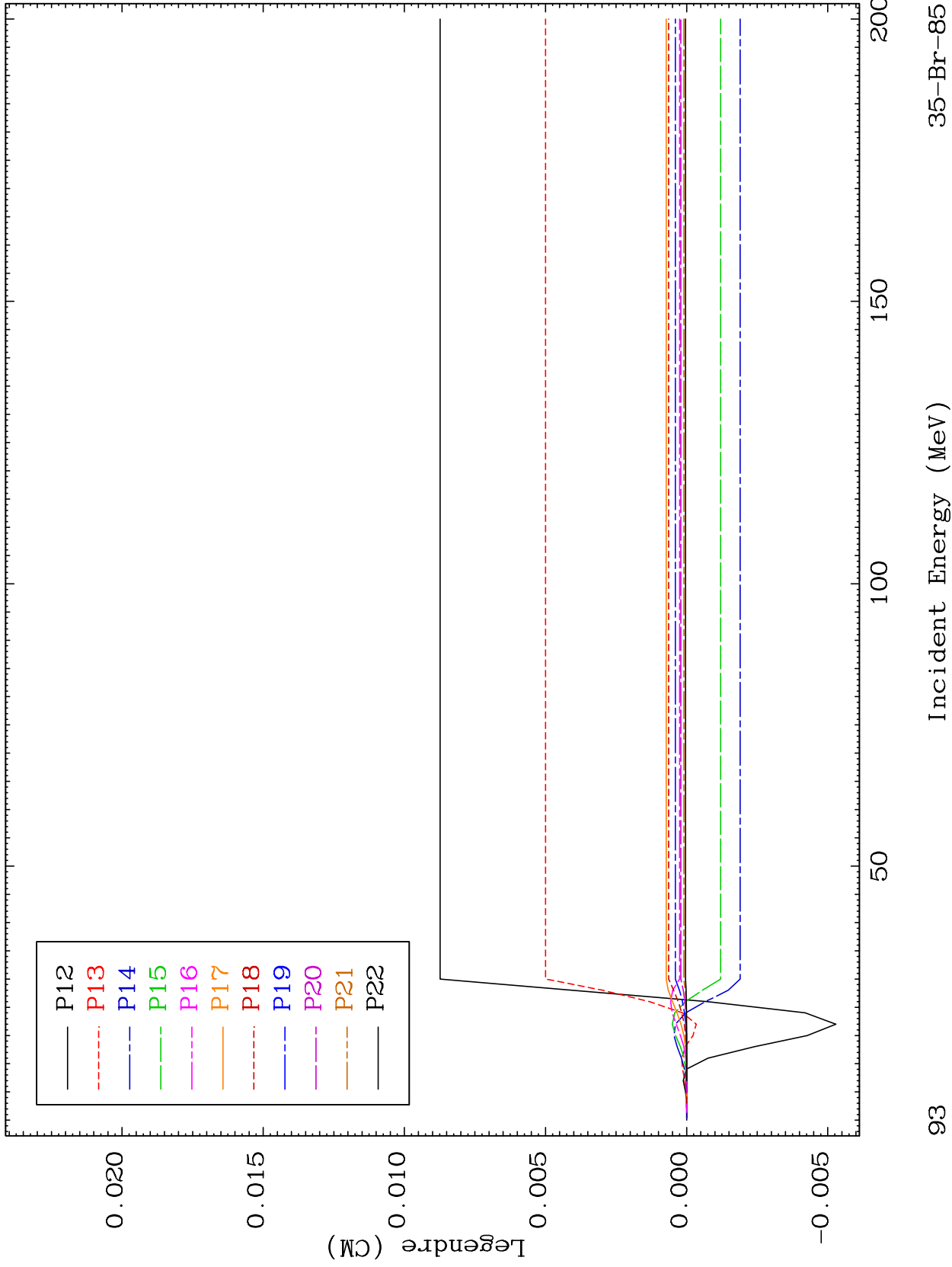
35-Br-85

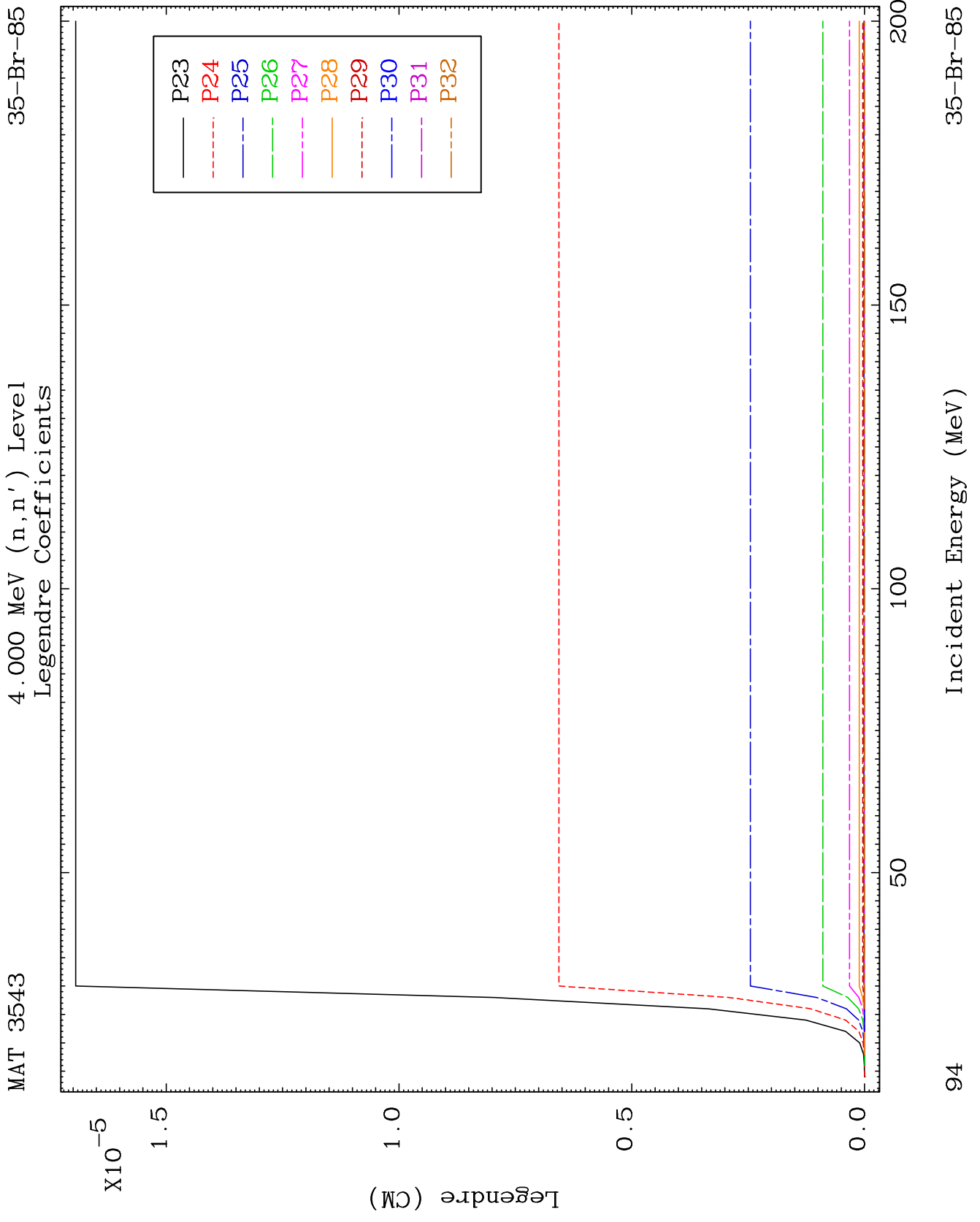


92

Incident Energy (MeV)

35-Br-85

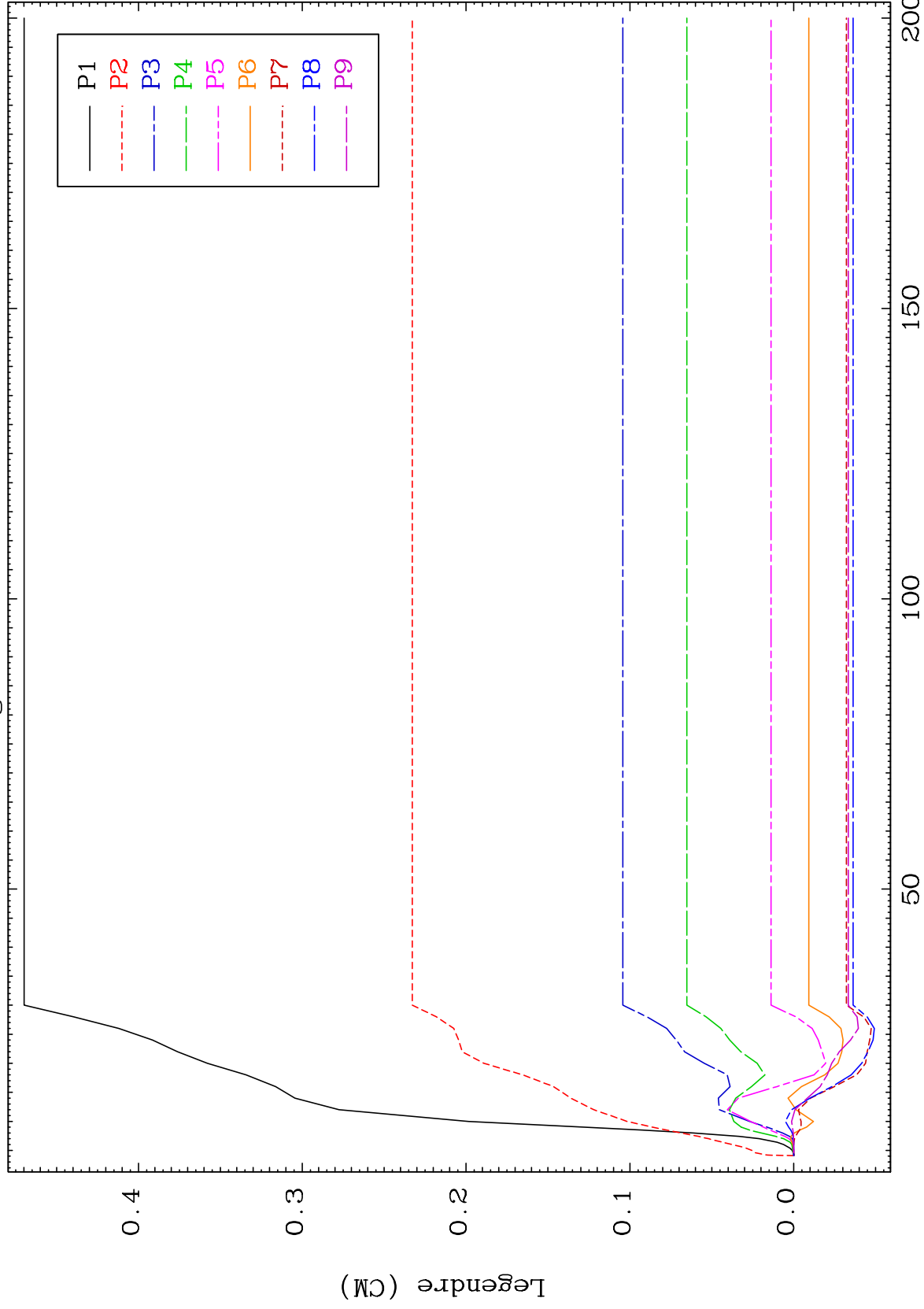




MAT 3543

4.029 MeV (n,n') Level
Legendre Coefficients

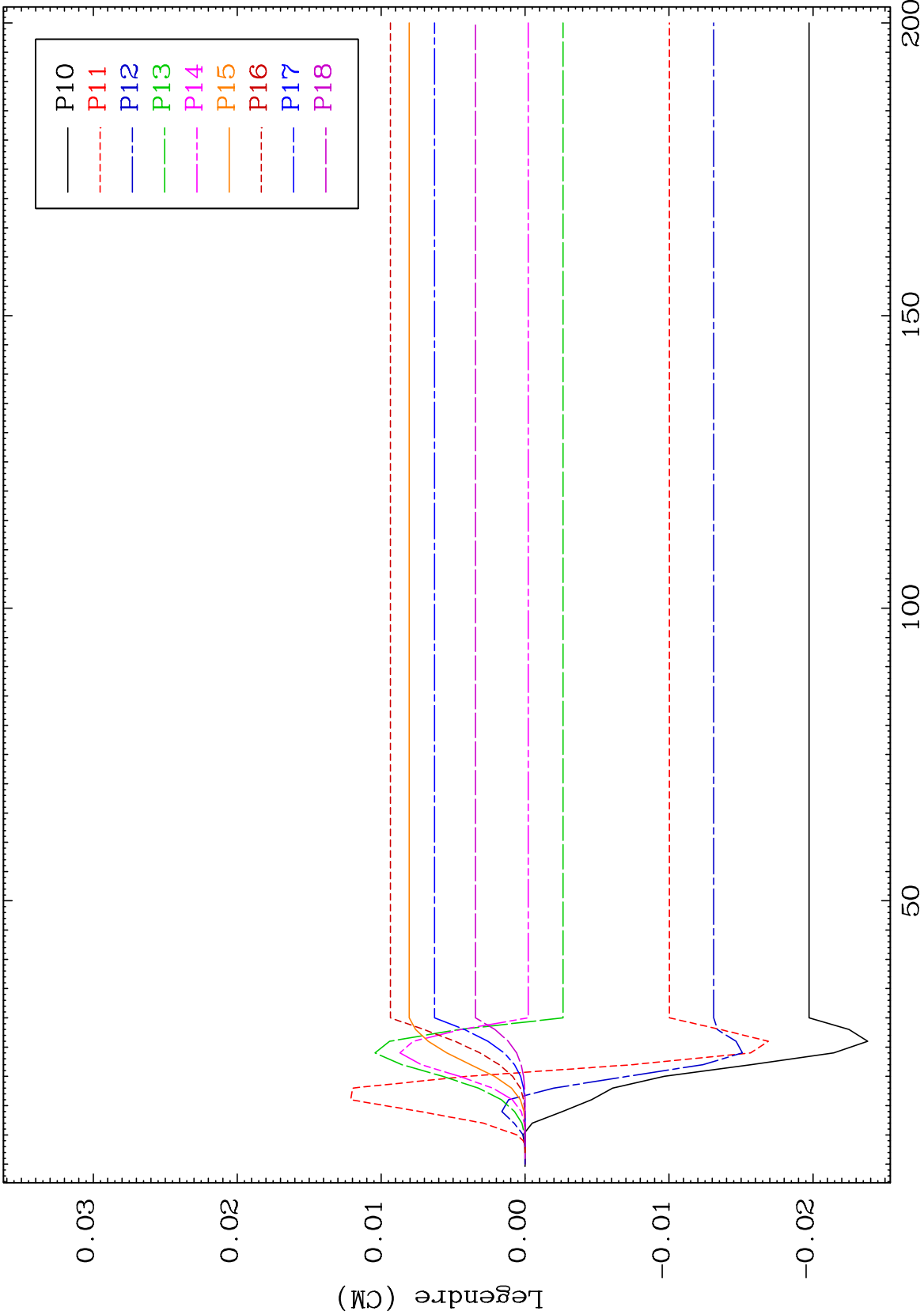
35-Br-85



95

Incident Energy (MeV)

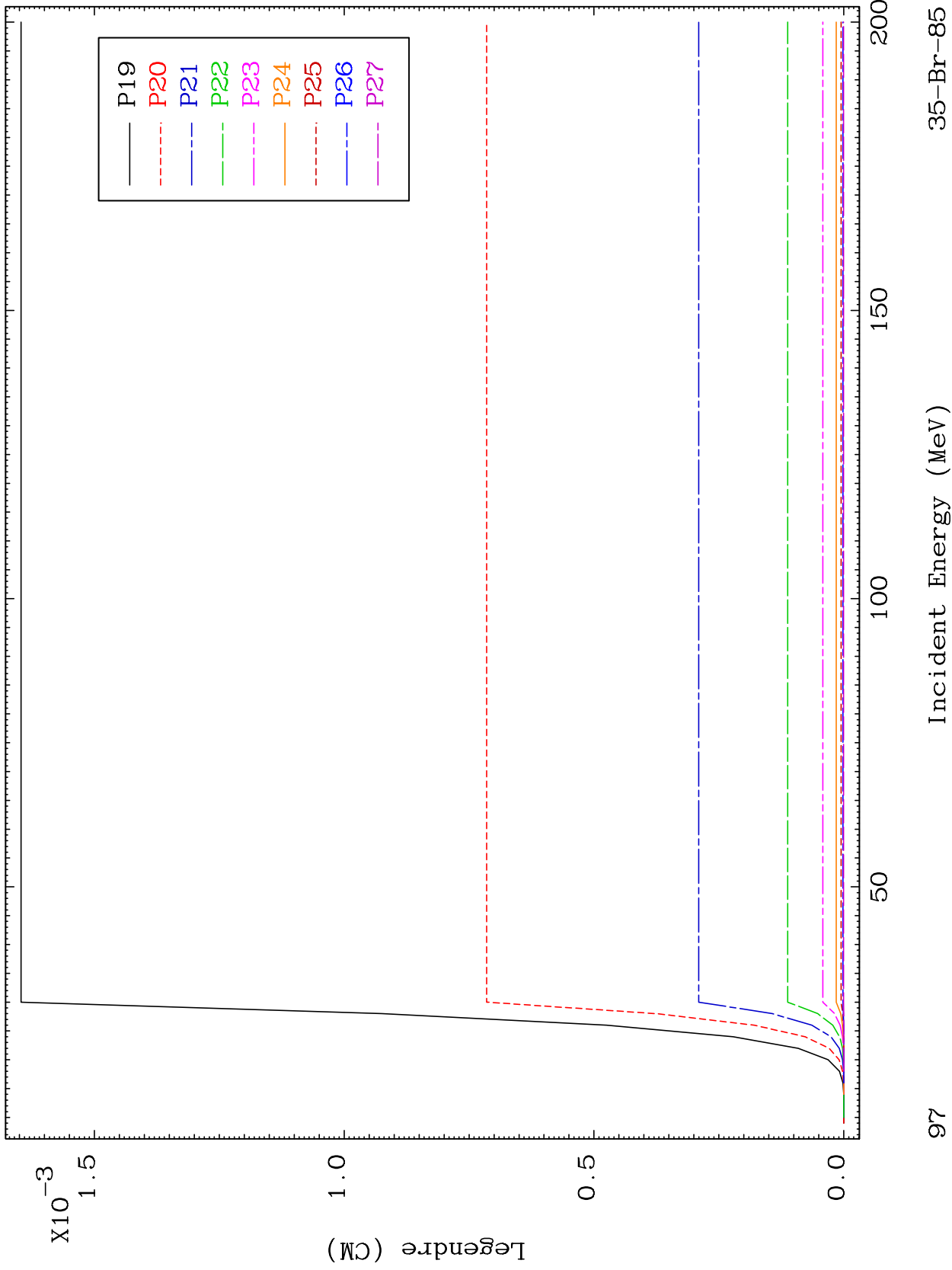
35-Br-85



MAT 3543

4.029 MeV (n, n') Level
Legendre Coefficients

35-Br-85



97

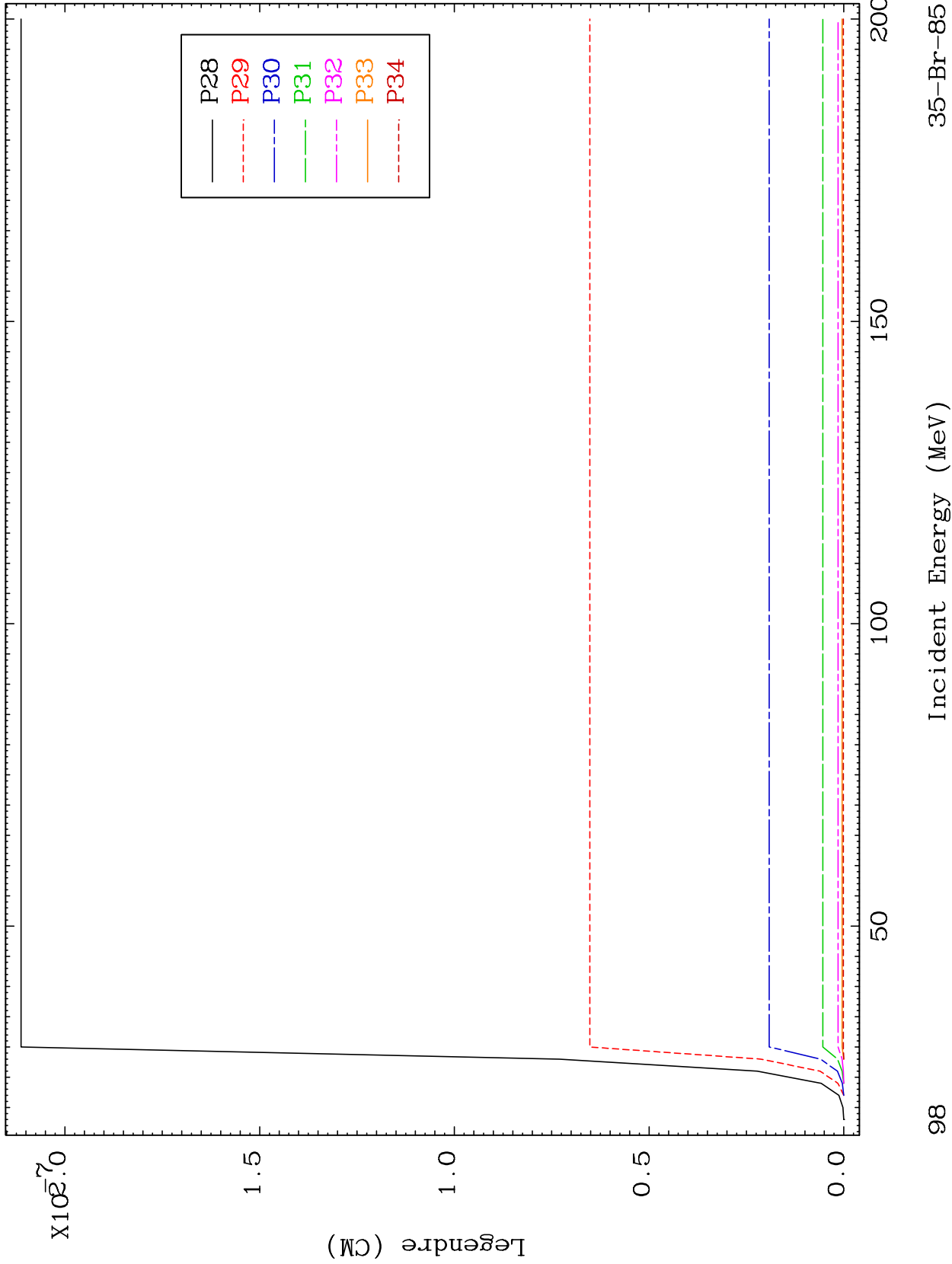
Incident Energy (MeV)

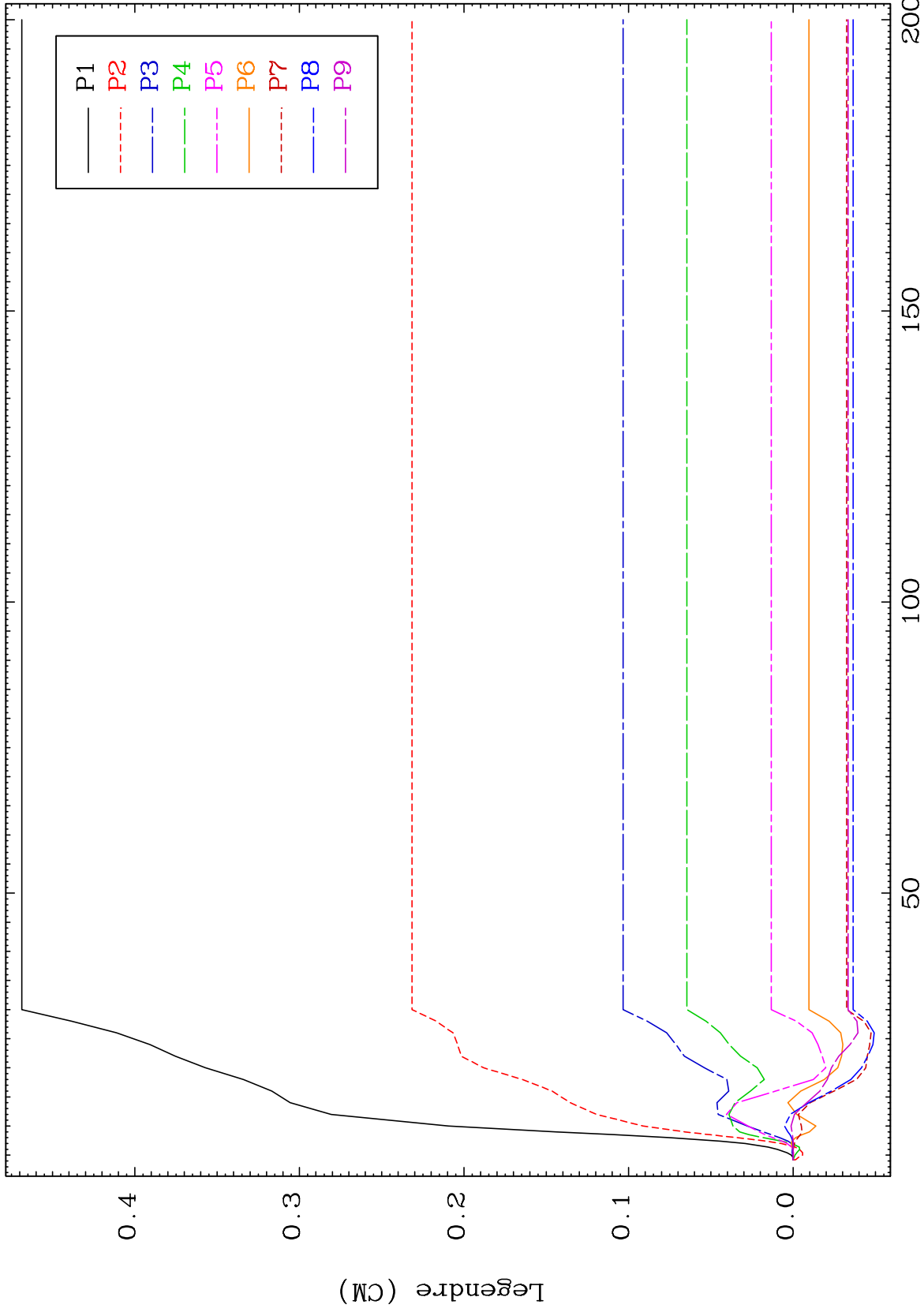
35-Br-85

MAT 3543

4.029 MeV (n,n') Level
Legendre Coefficients

35-Br-85

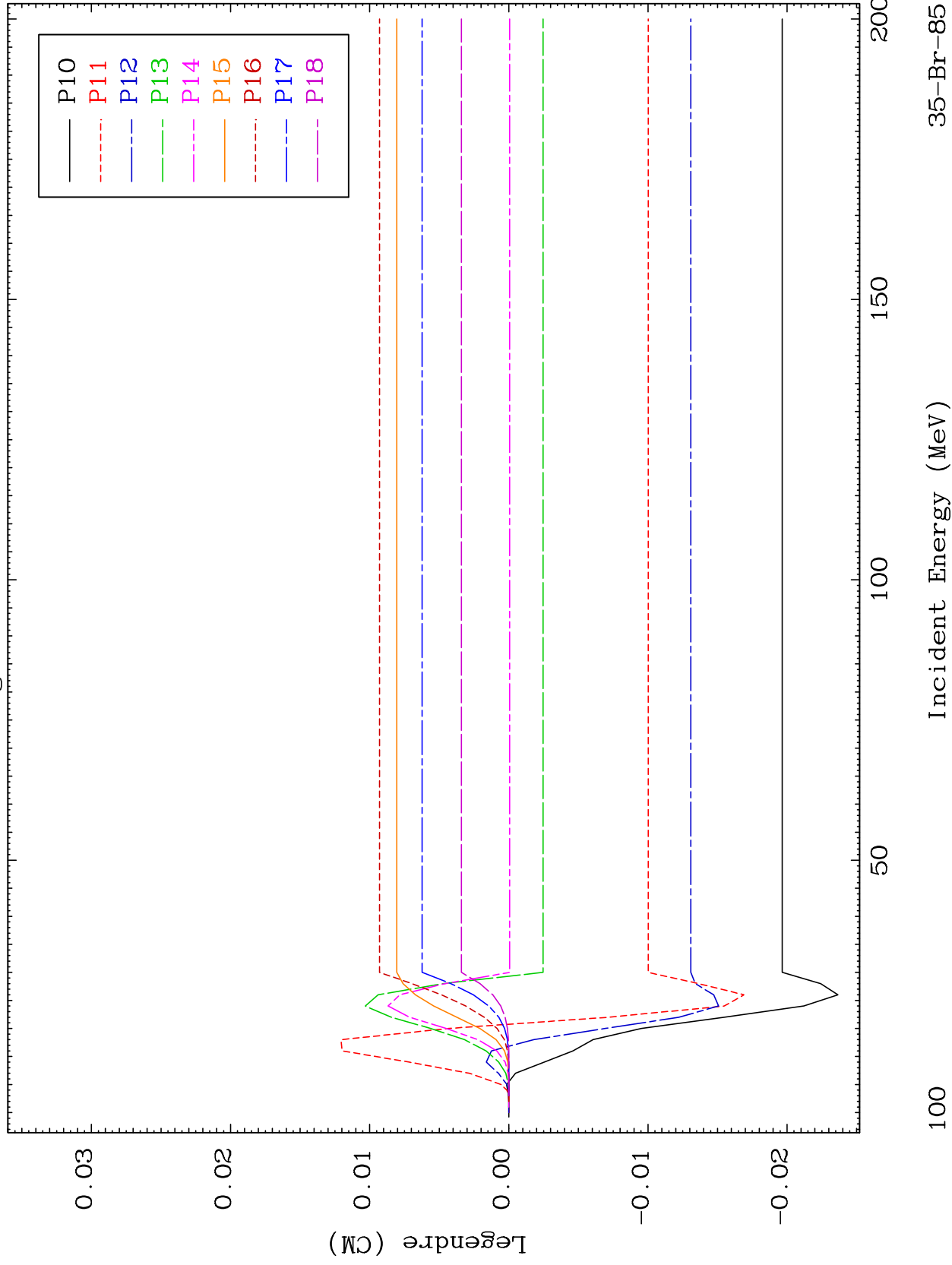




MAT 3543

4.119 MeV (n,n') Level
Legendre Coefficients

35-Br-85

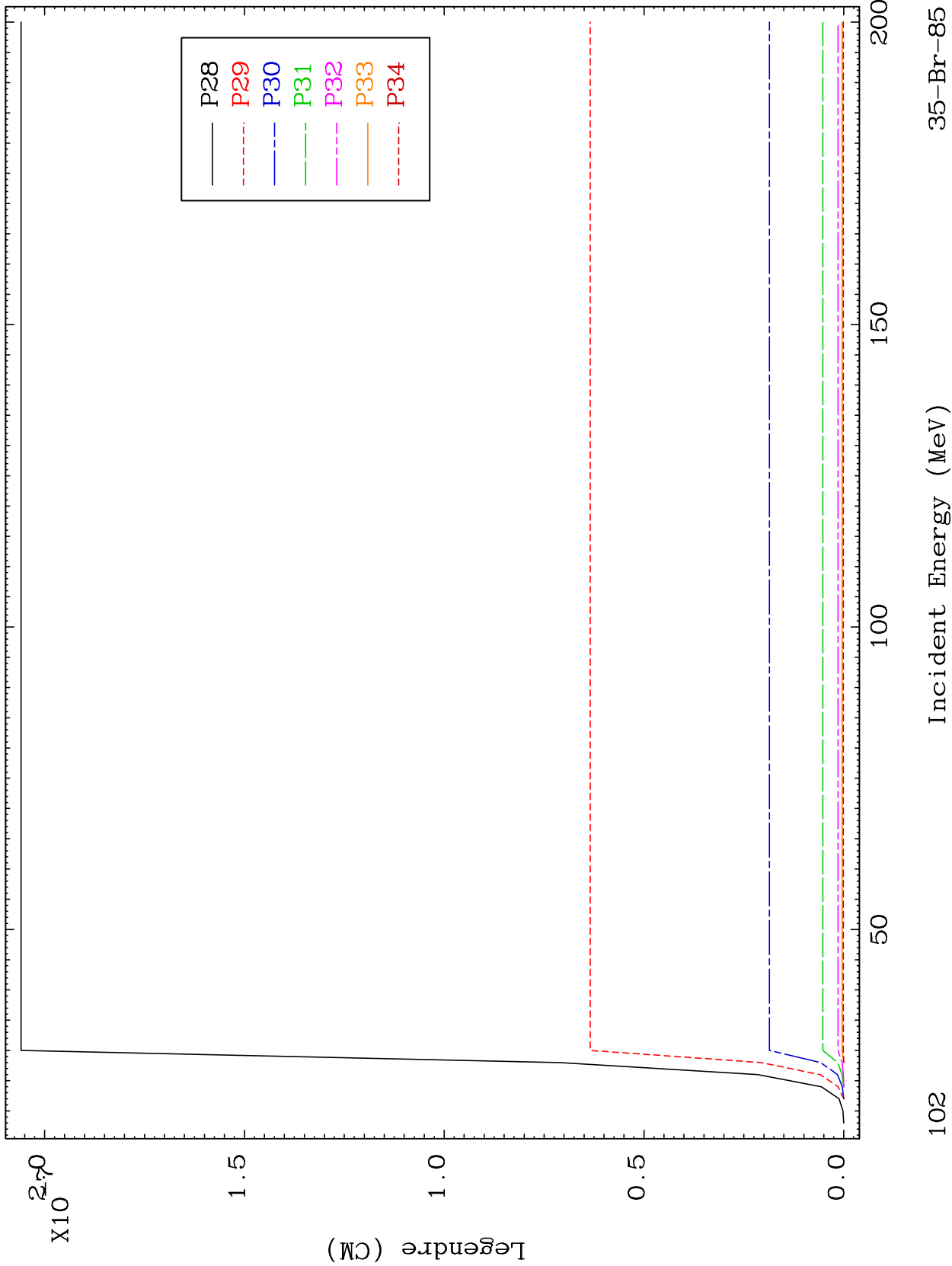


35-Br-85

MAT 3543

4.119 MeV (n, n') Level
Legendre Coefficients

35-Br-85

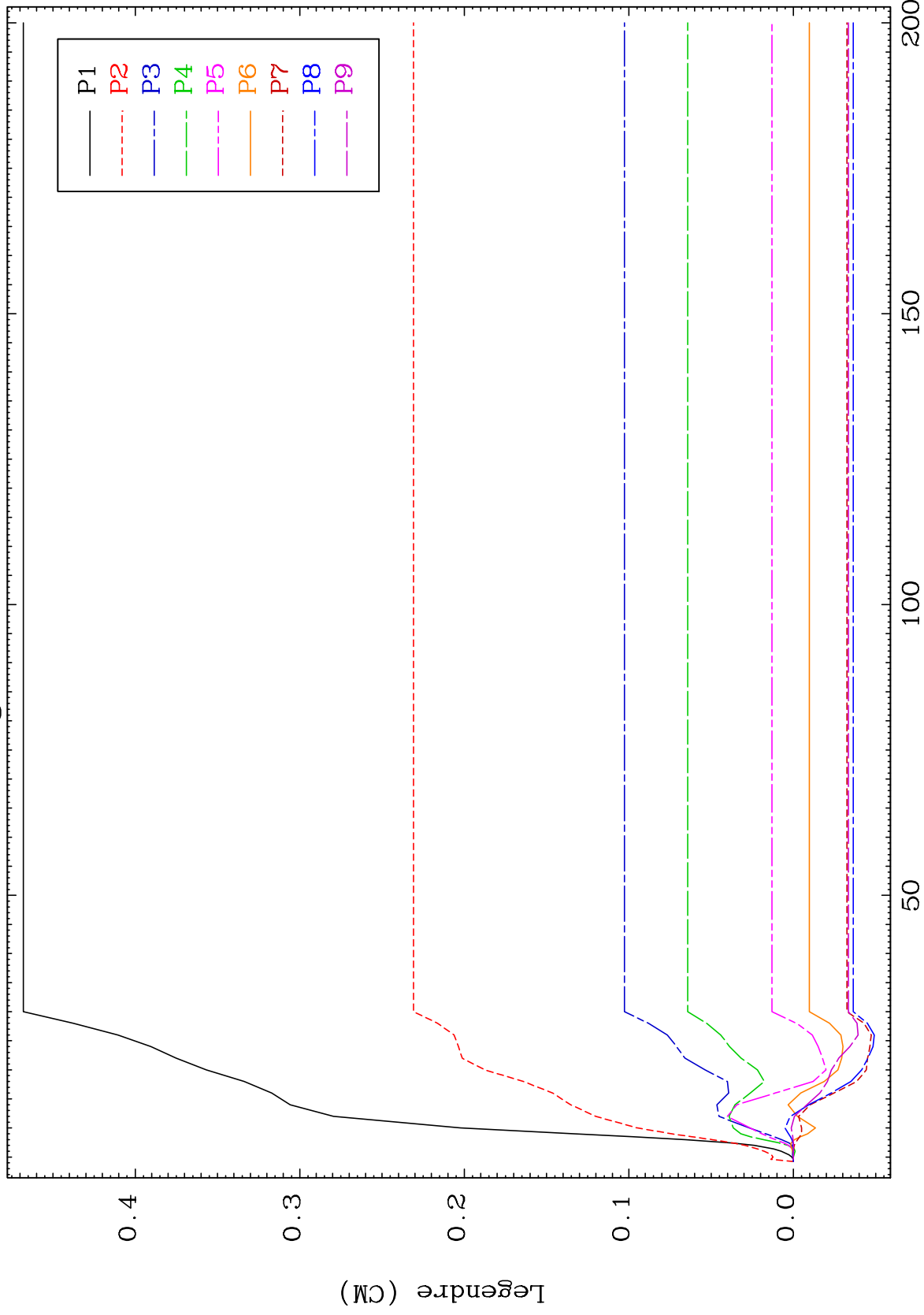


102

MAT 3543

4.172 MeV (n,n') Level
Legendre Coefficients

35-Br-85



103

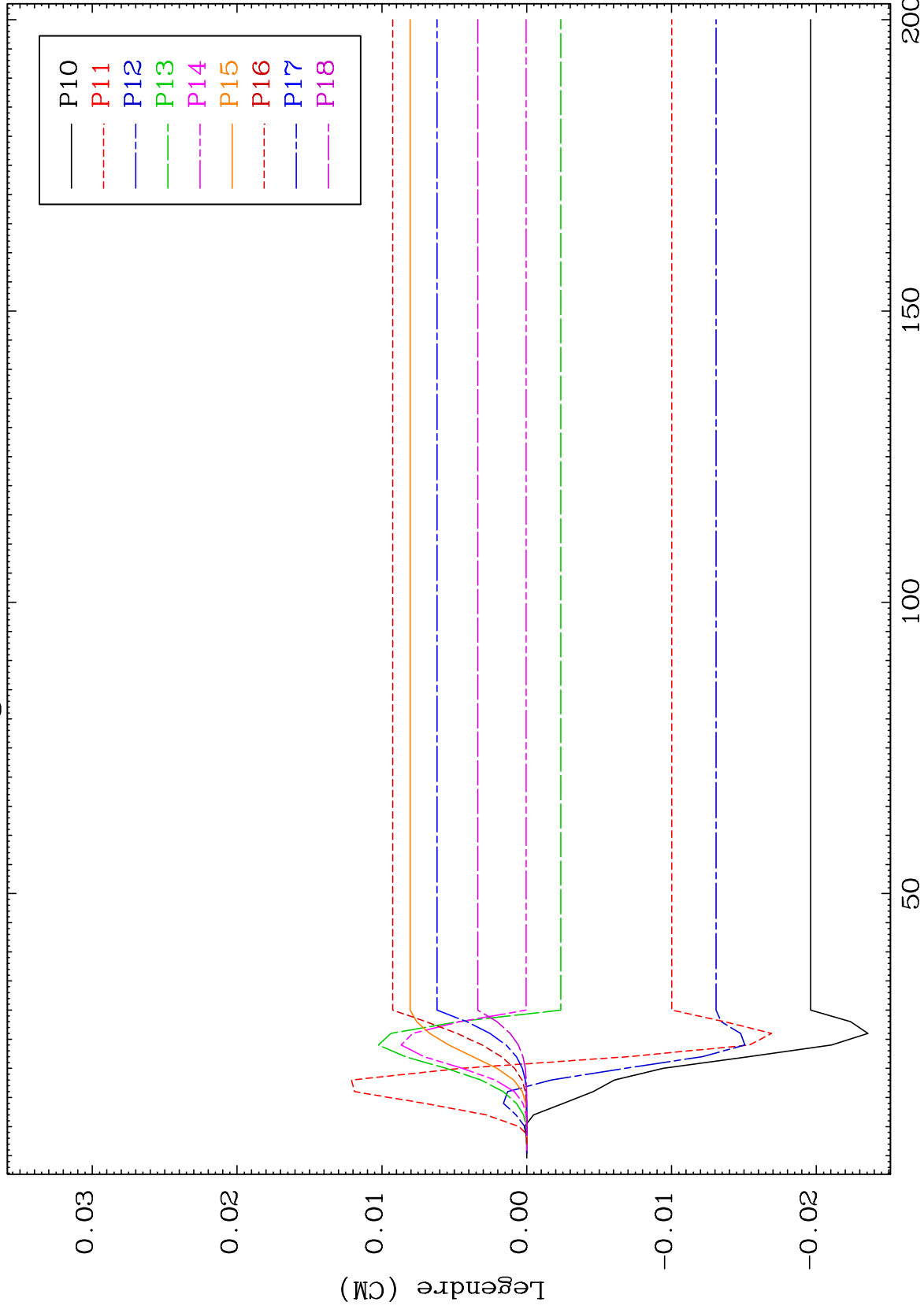
Incident Energy (MeV)

35-Br-85

MAT 3543

4.172 MeV (n,n') Level
Legendre Coefficients

35-Br-85



104

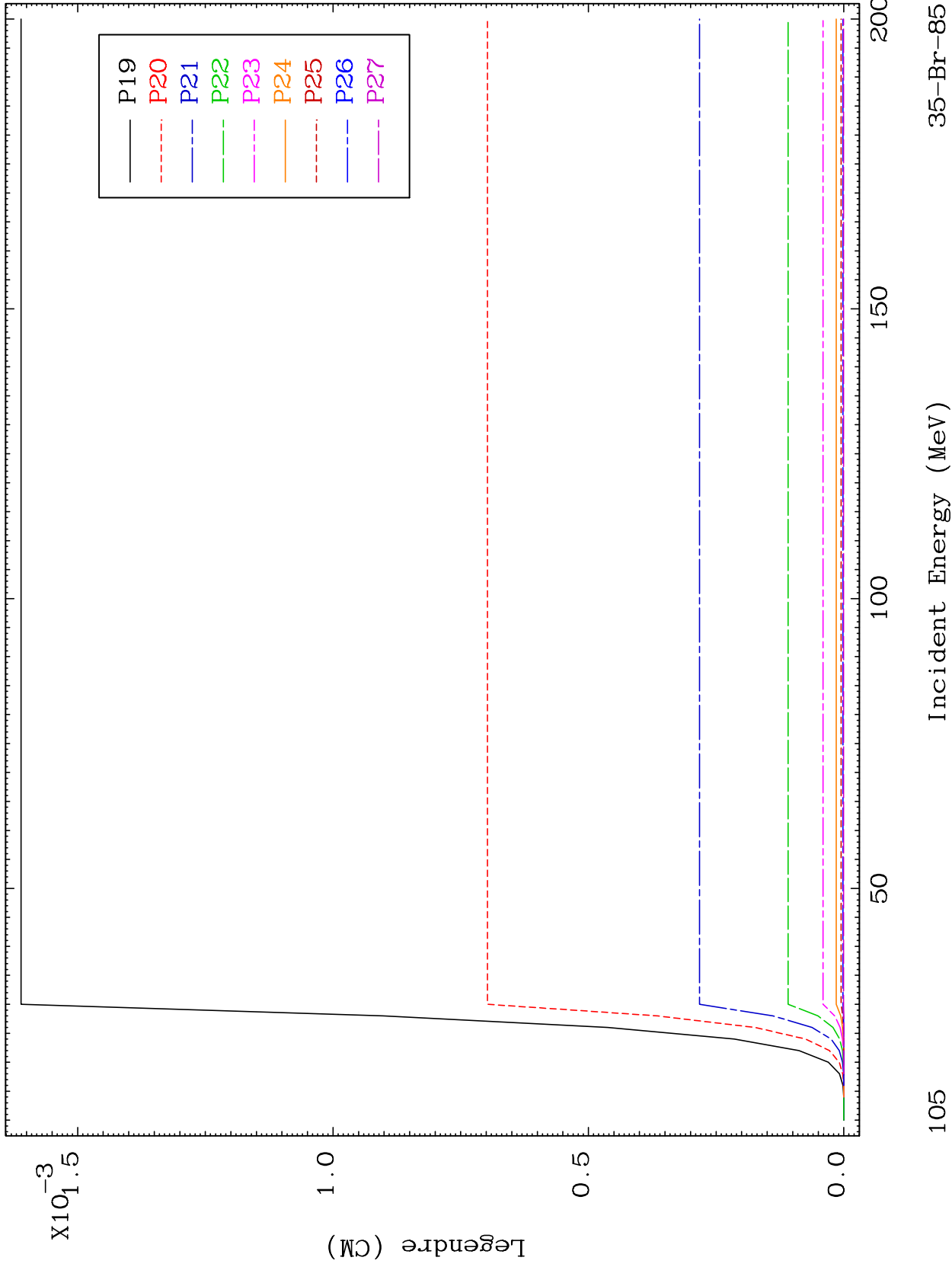
Incident Energy (MeV)

35-Br-85

MAT 3543

4.172 MeV (n, n') Level
Legendre Coefficients

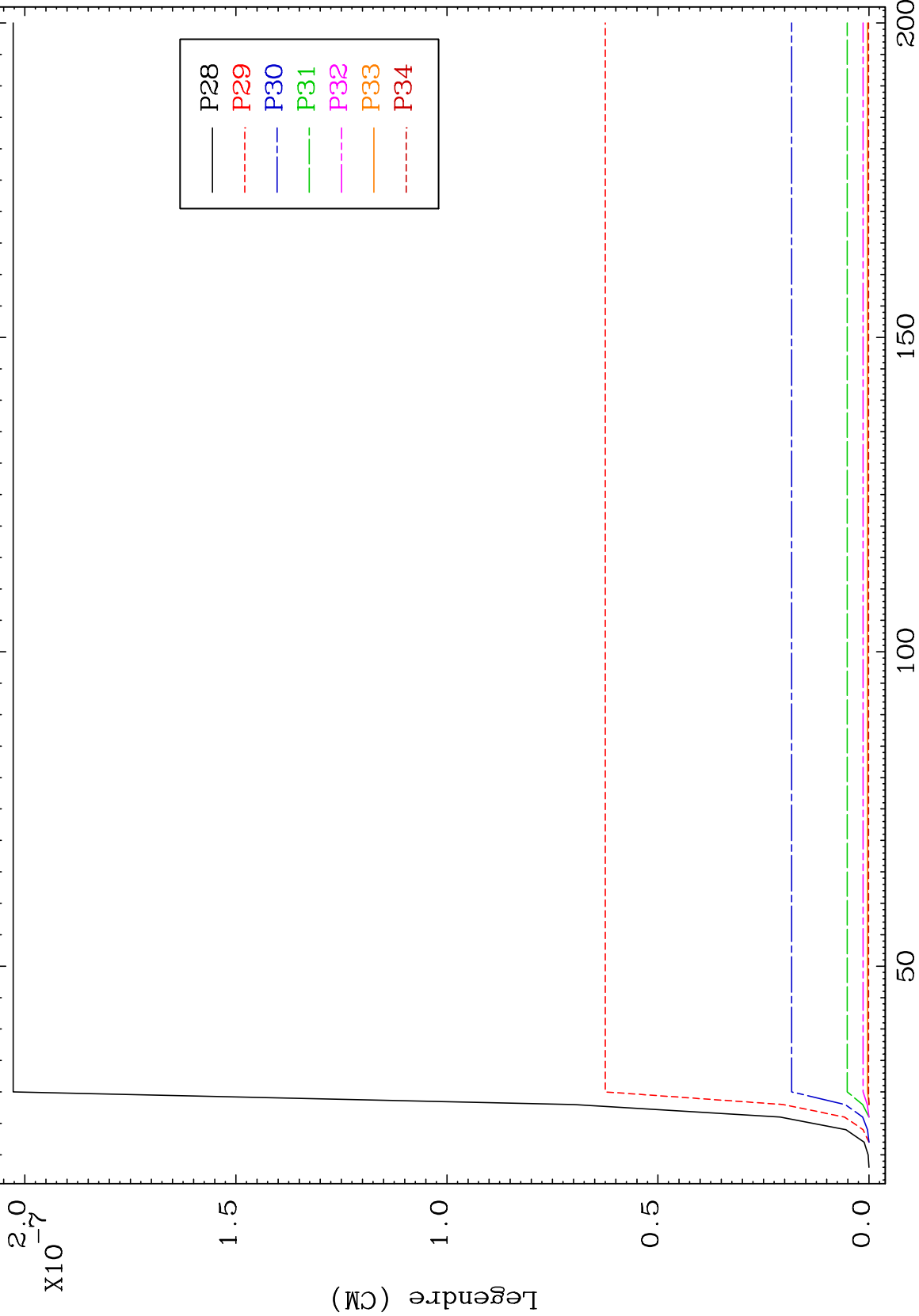
35-Br-85



MAT 3543

4.172 MeV (n,n') Level
Legendre Coefficients

35-Br-85



106

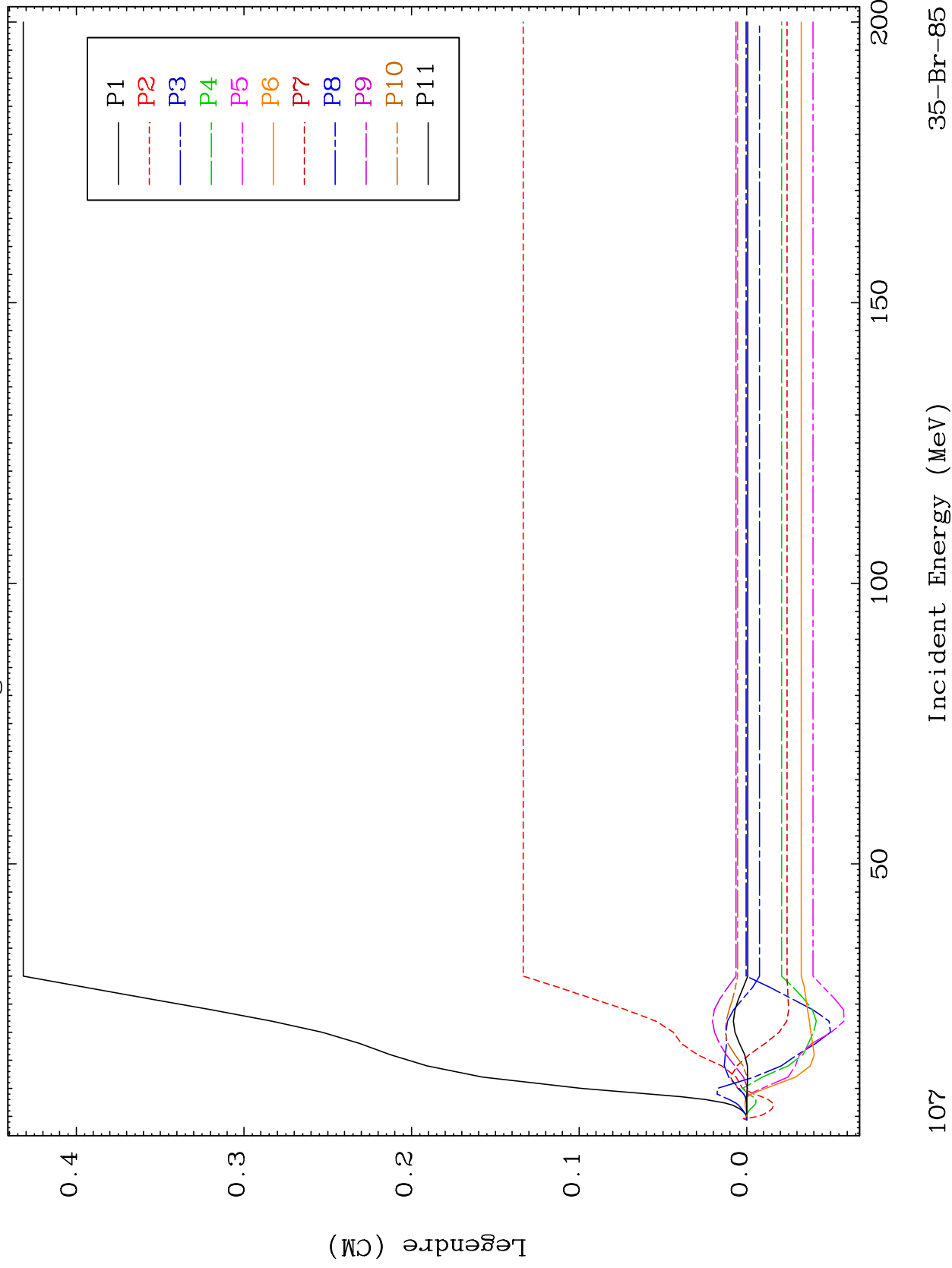
Incident Energy (MeV)

35-Br-85

MAT 3543

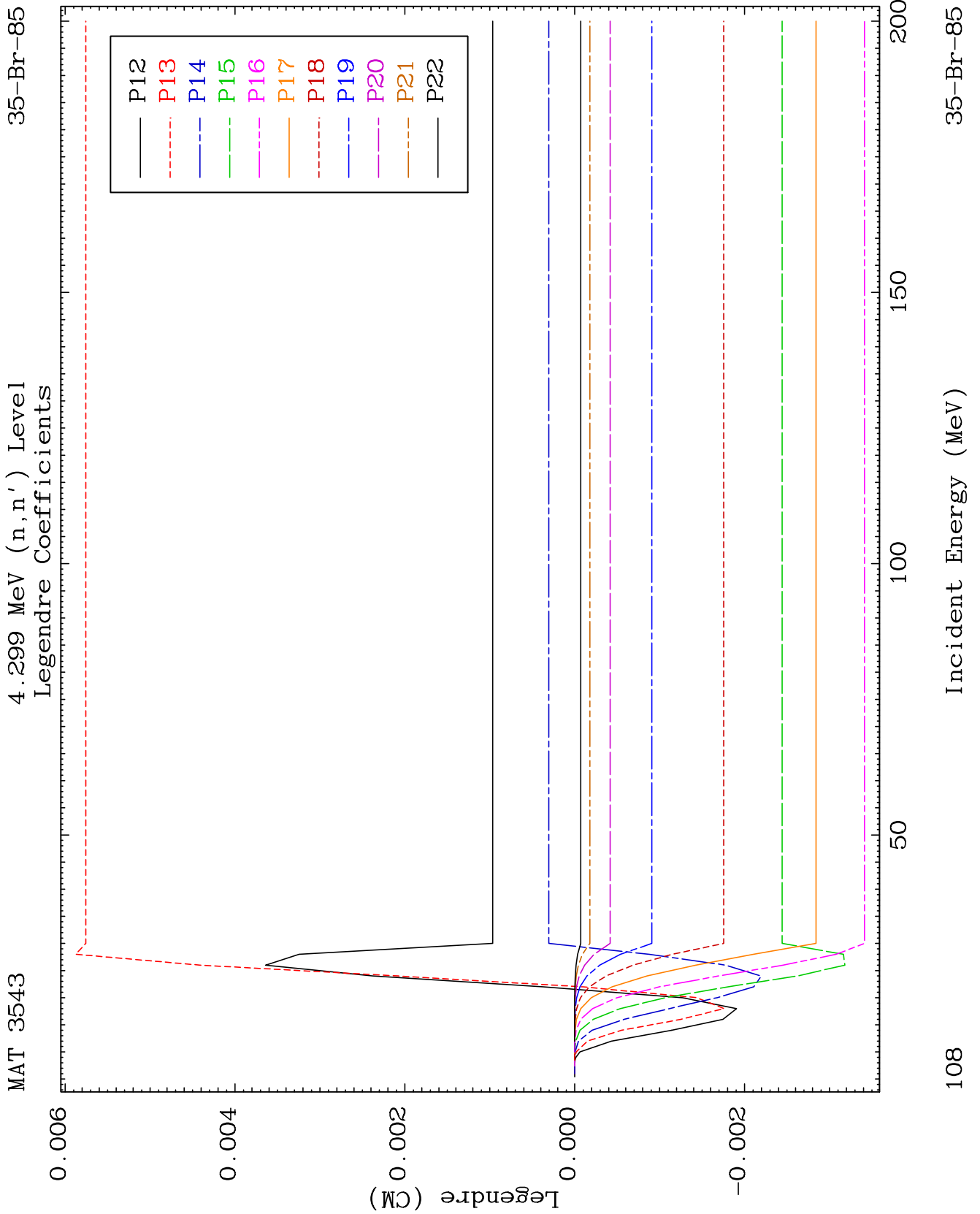
4.299 MeV (n,n') Level
Legendre Coefficients

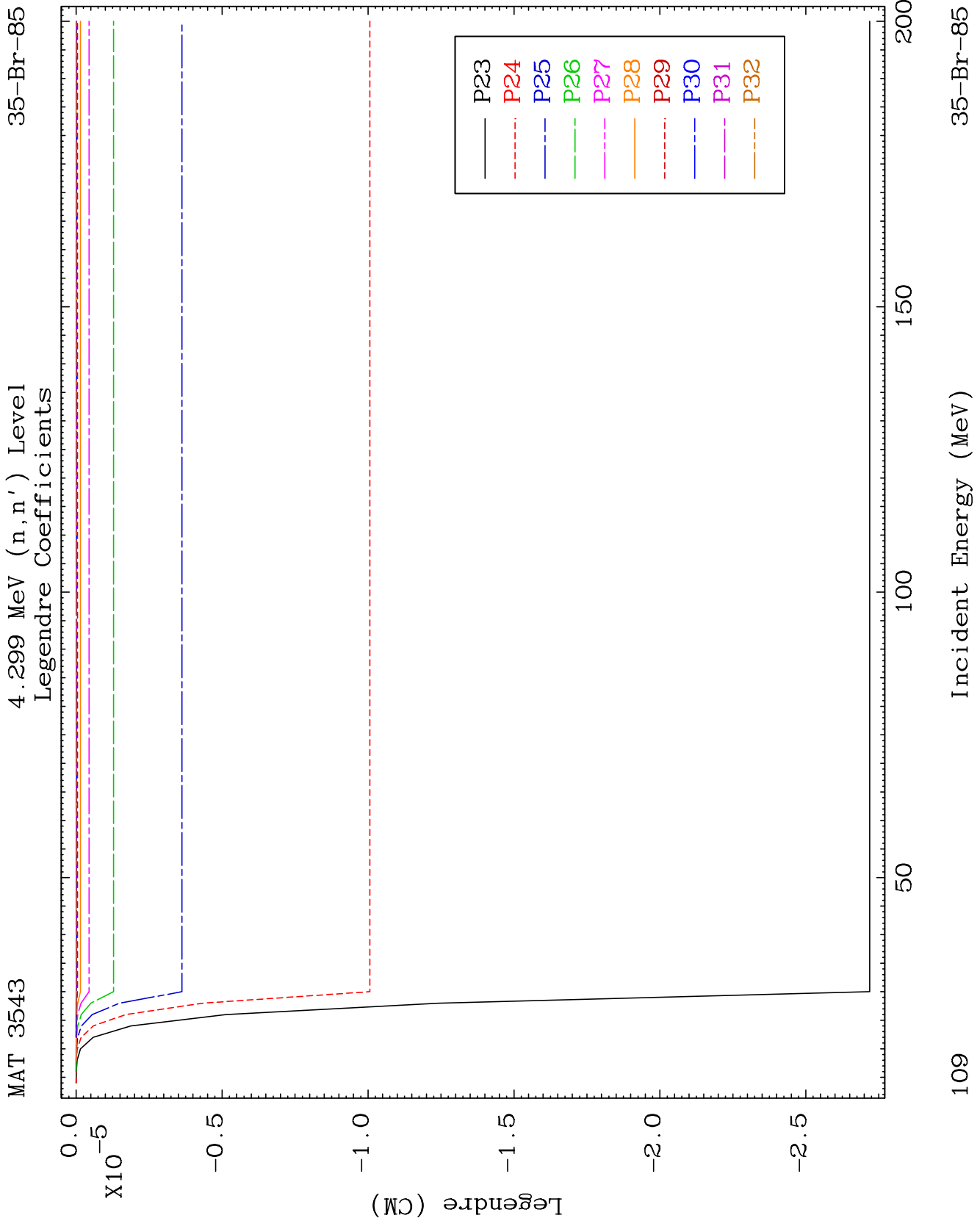
35-Br-85



107

35-Br-85

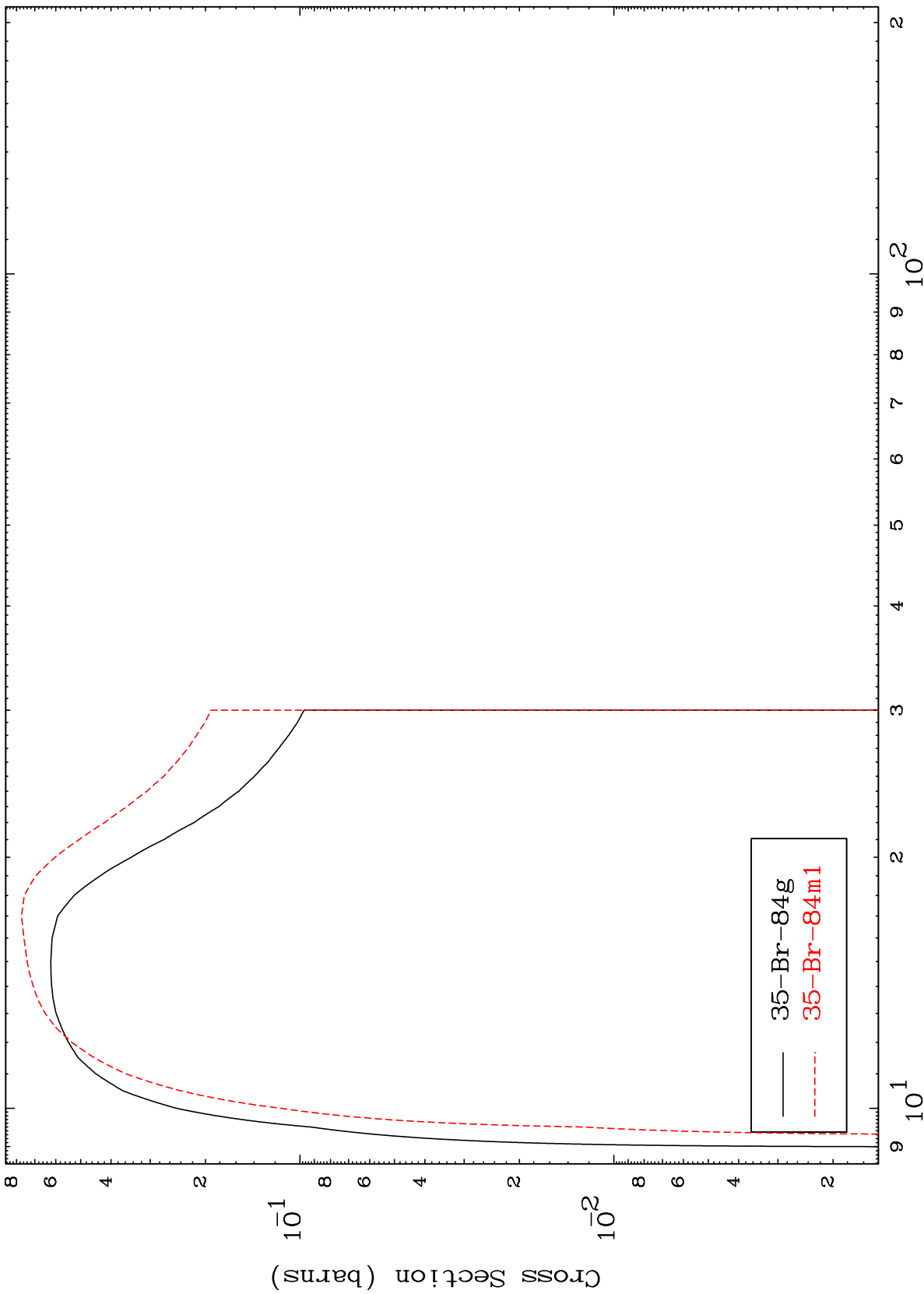




MAT 3543

³⁵Br-85

(n,2n)
Radionuclide Production Cross Section



— 35-Br-84g
- - - 35-Br-84m1

³⁵Br-85

Incident Energy (MeV)

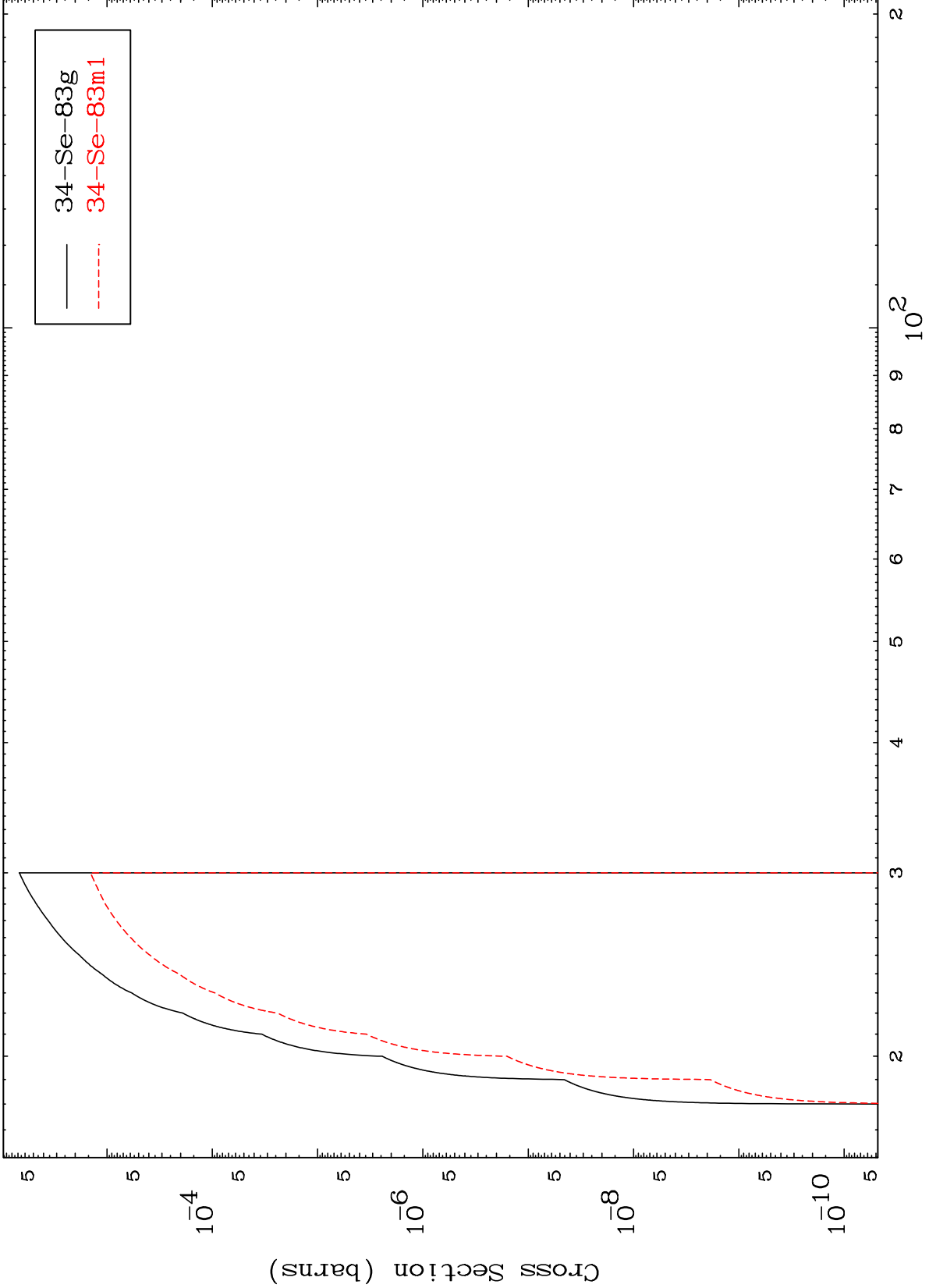
110

MAT 3543

(n,n') d

35-Br-85

Radionuclide Production Cross Section



111

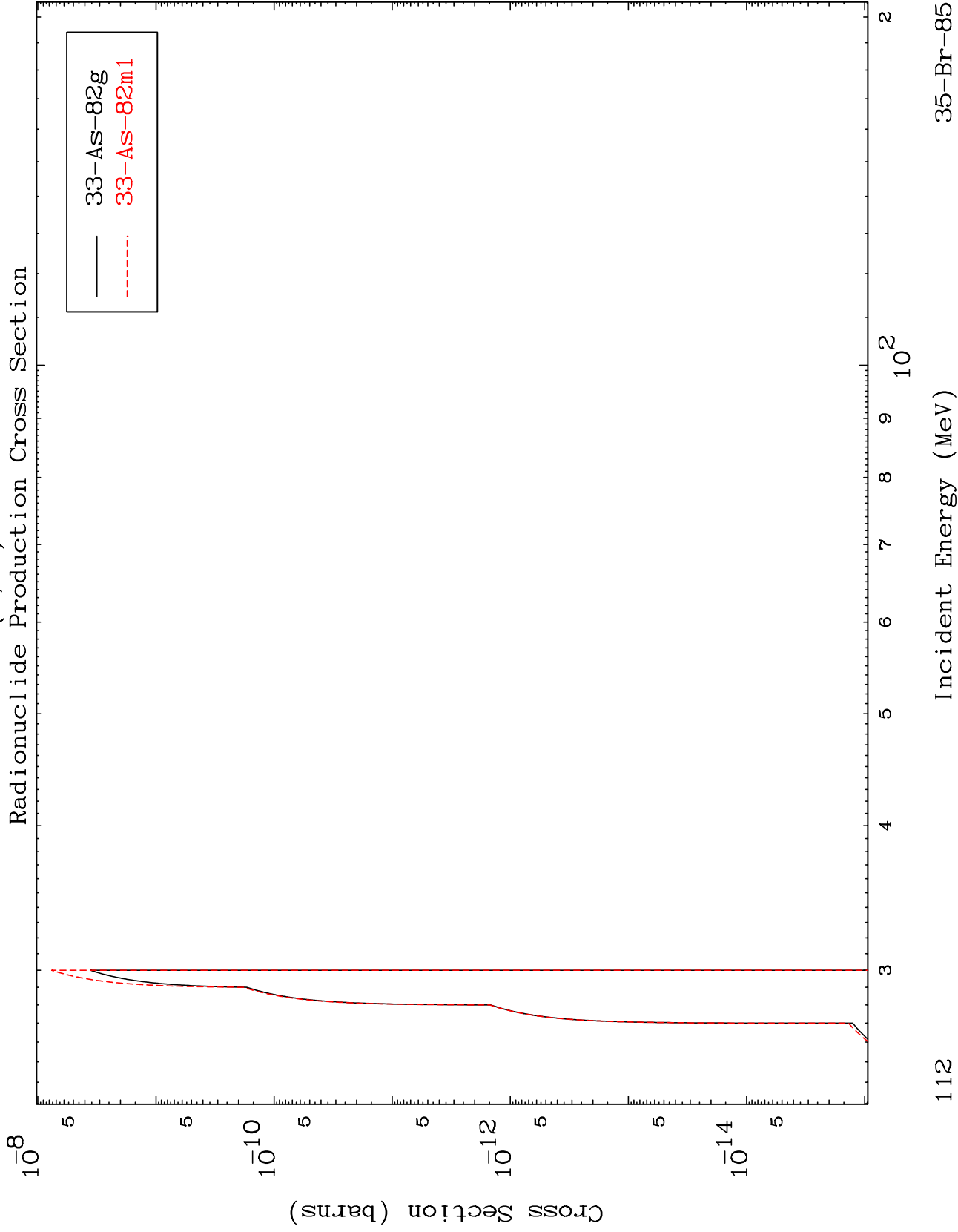
Incident Energy (MeV)

35-Br-85

MAT 3543

(n,n') He-3

35-Br-85



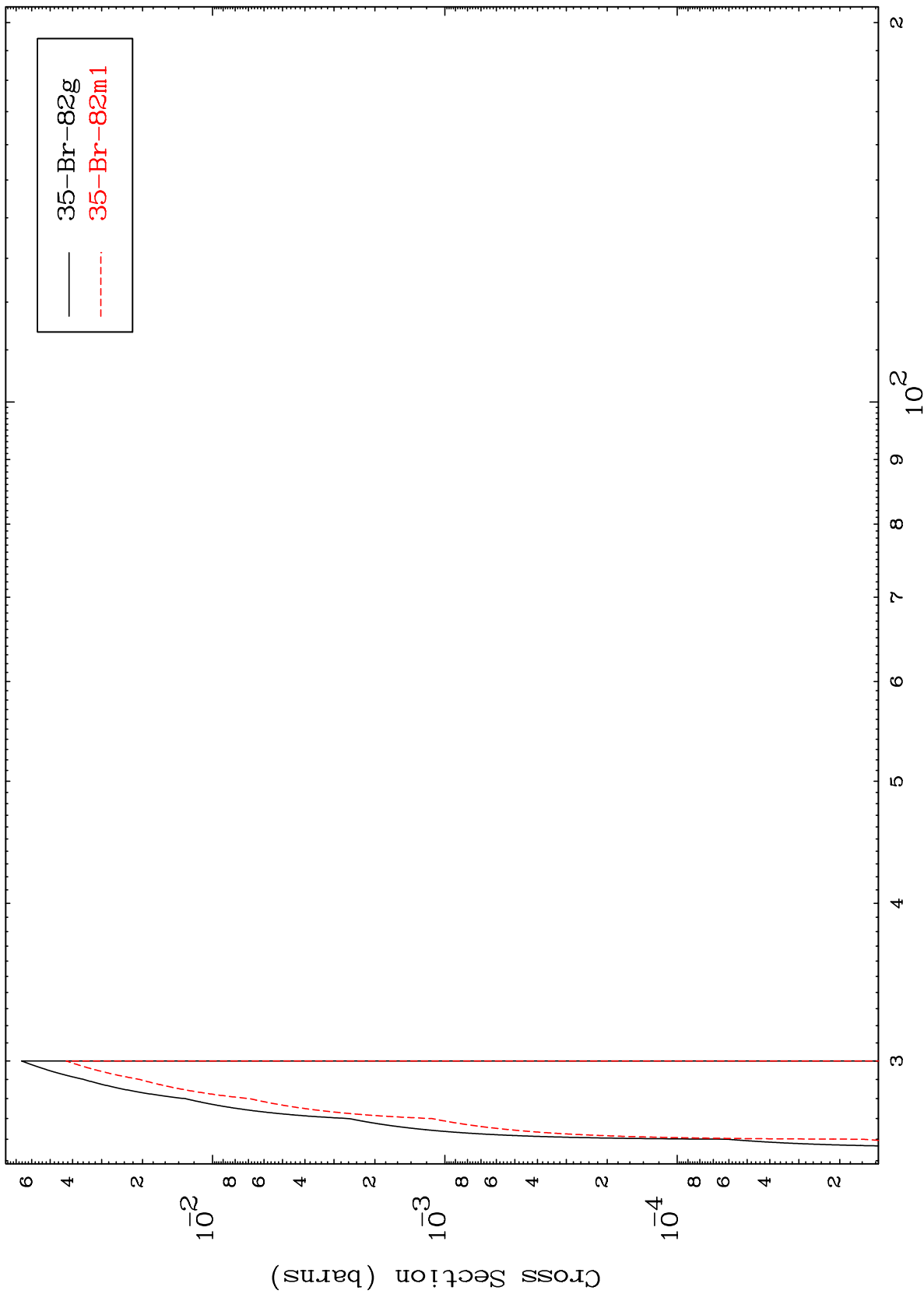
112

35-Br-85

MAT 3543

35-Br-85

(n,4n)
Radionuclide Production Cross Section



113

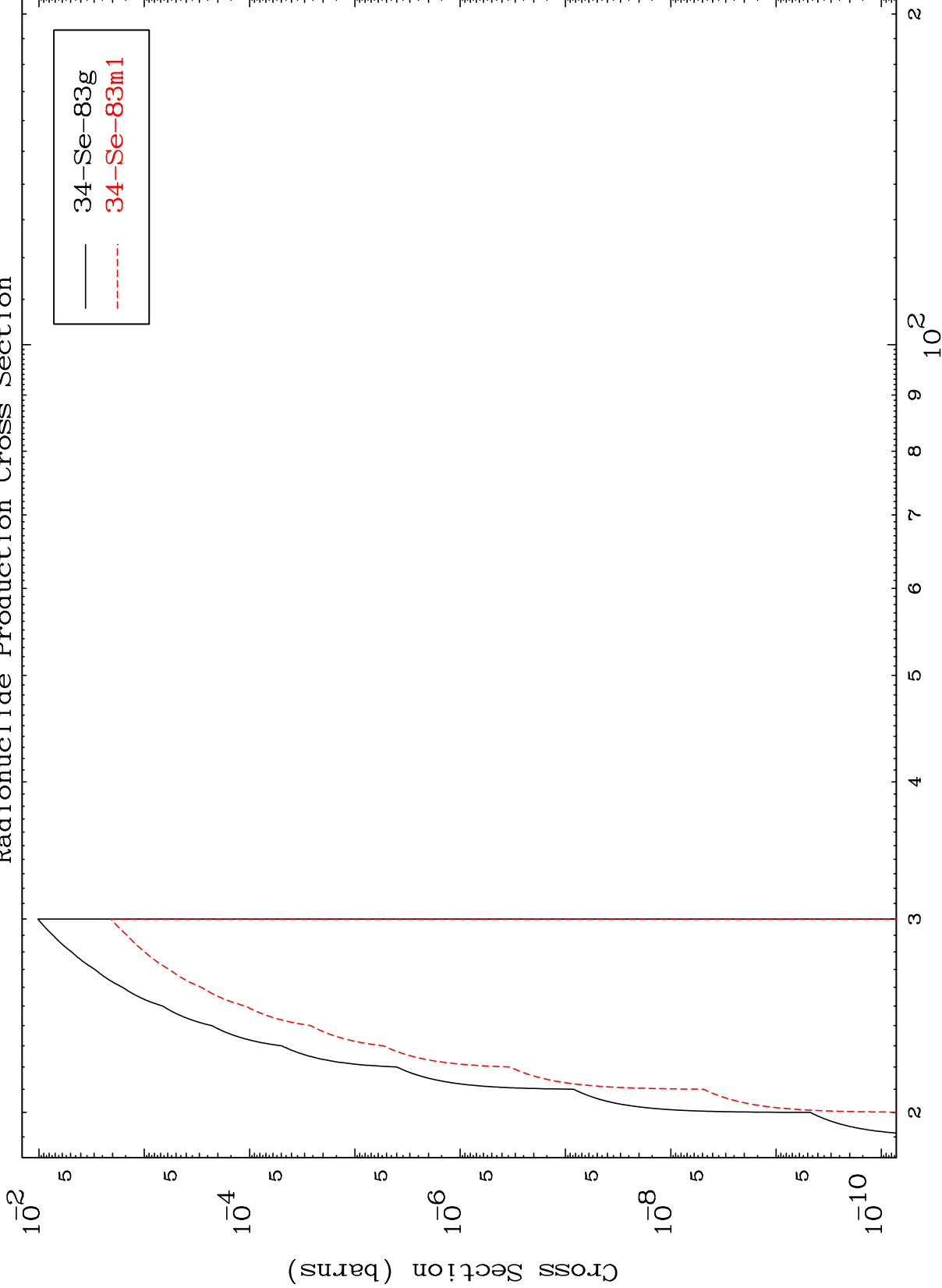
35-Br-85

MAT 3543

(n,2n) p

35-Br-85

Radionuclide Production Cross Section



114

Incident Energy (MeV)

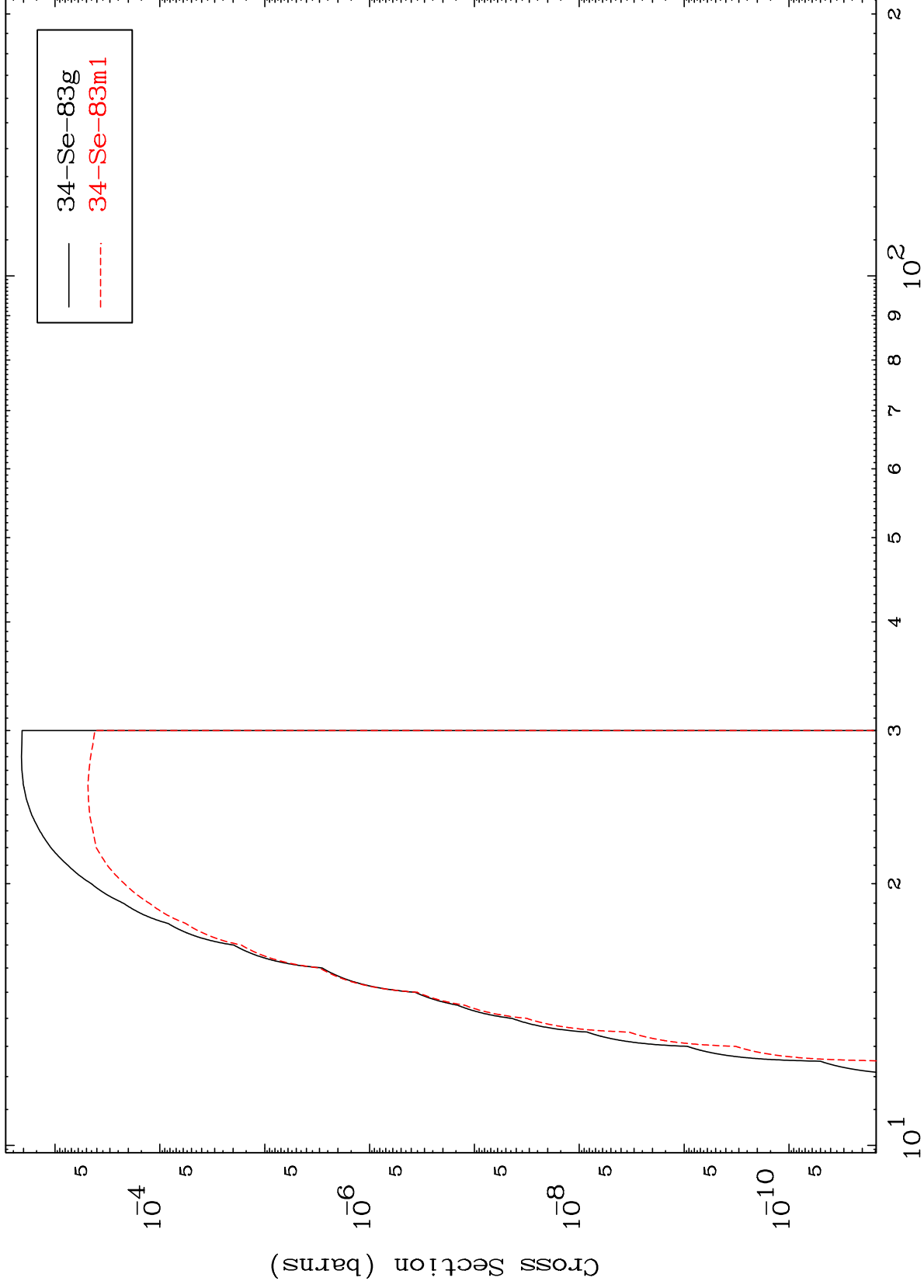
35-Br-85

MAT 3543

(n, t)

35-Br-85

Radionuclide Production Cross Section



115

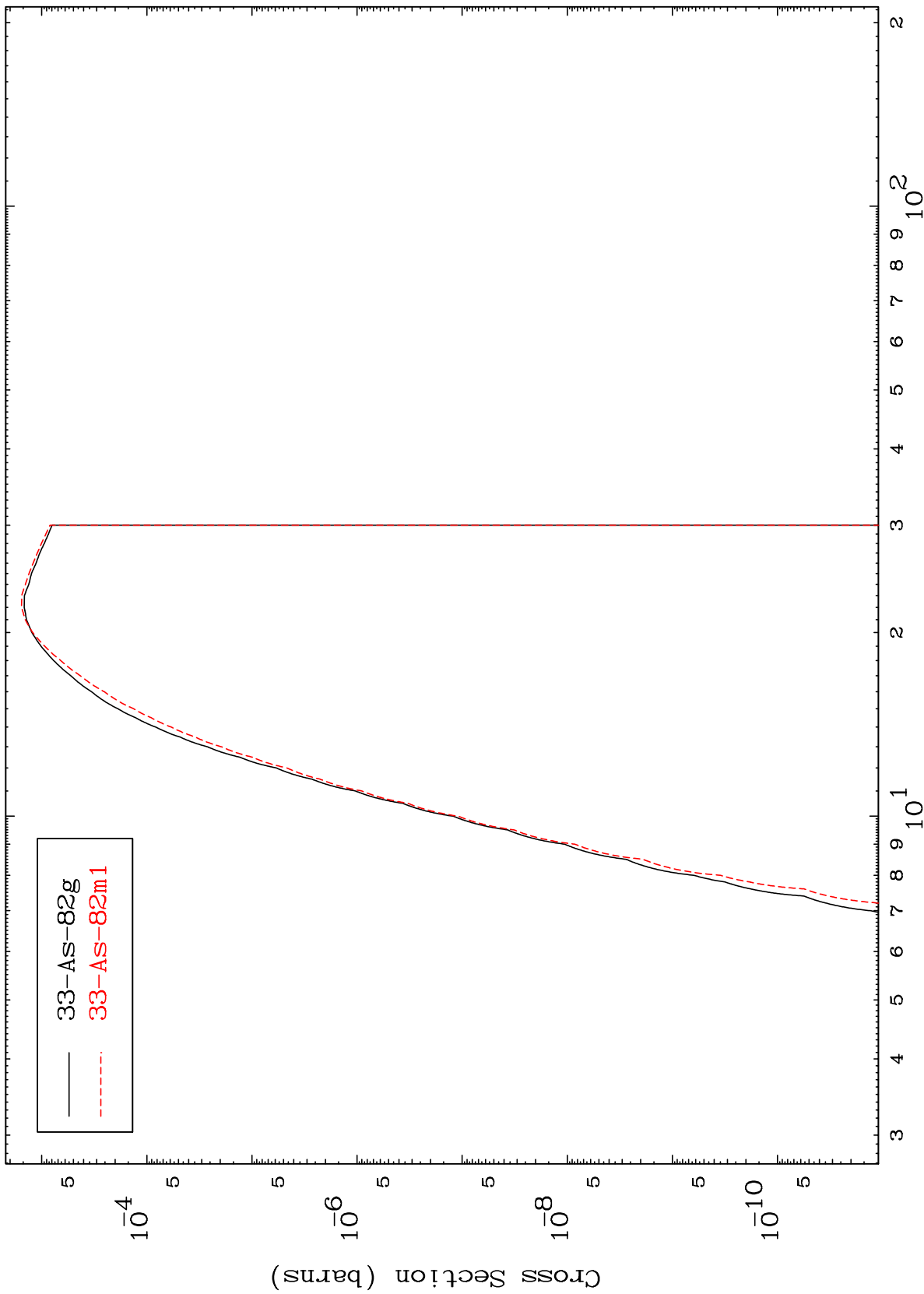
Incident Energy (MeV)

35-Br-85

MAT 3543

35-Br-85

(n, α)
Radionuclide Production Cross Section



116

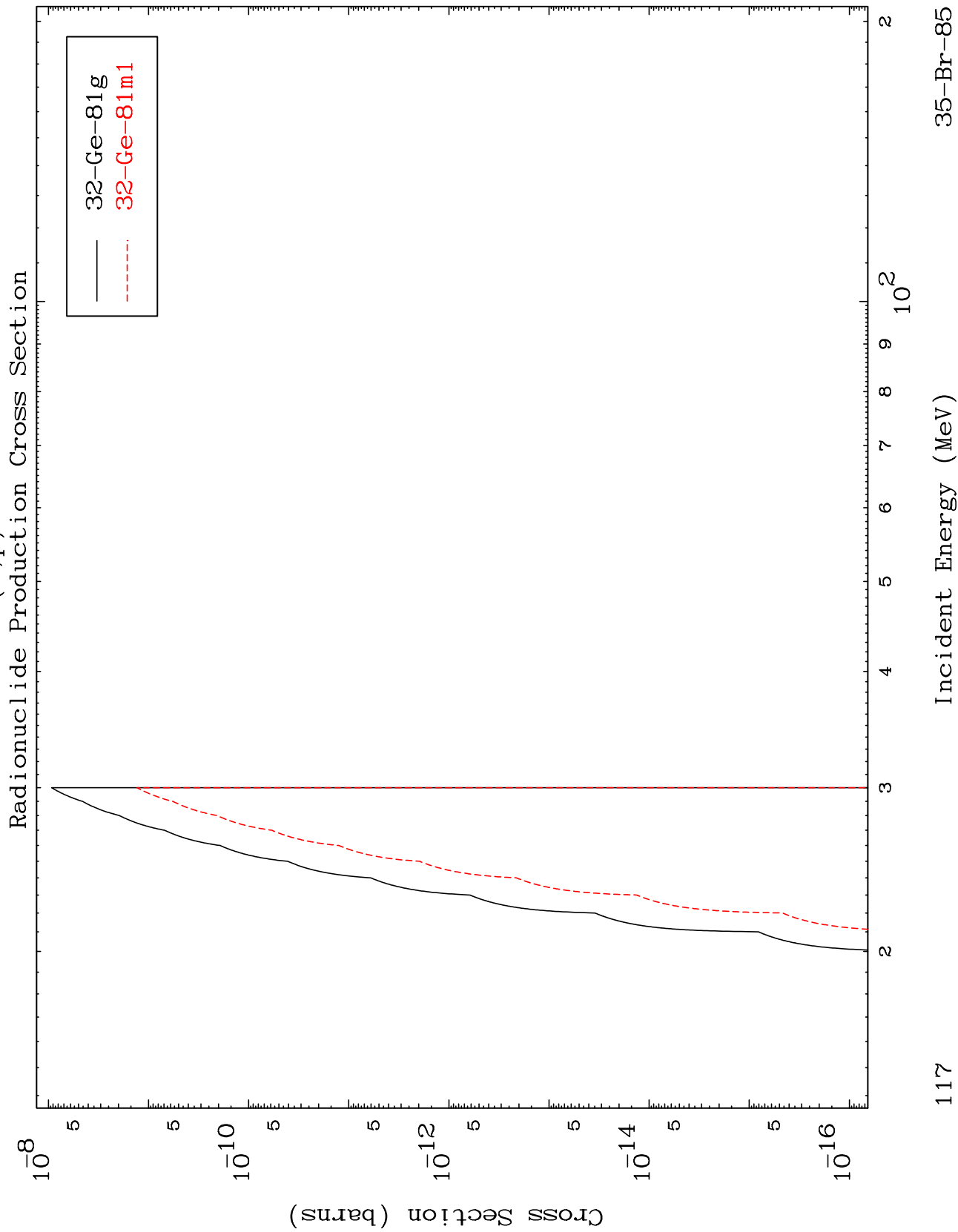
Incident Energy (MeV)

35-Br-85

MAT 3543

(n,p) α

35-Br-85



117

35-Br-85