

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

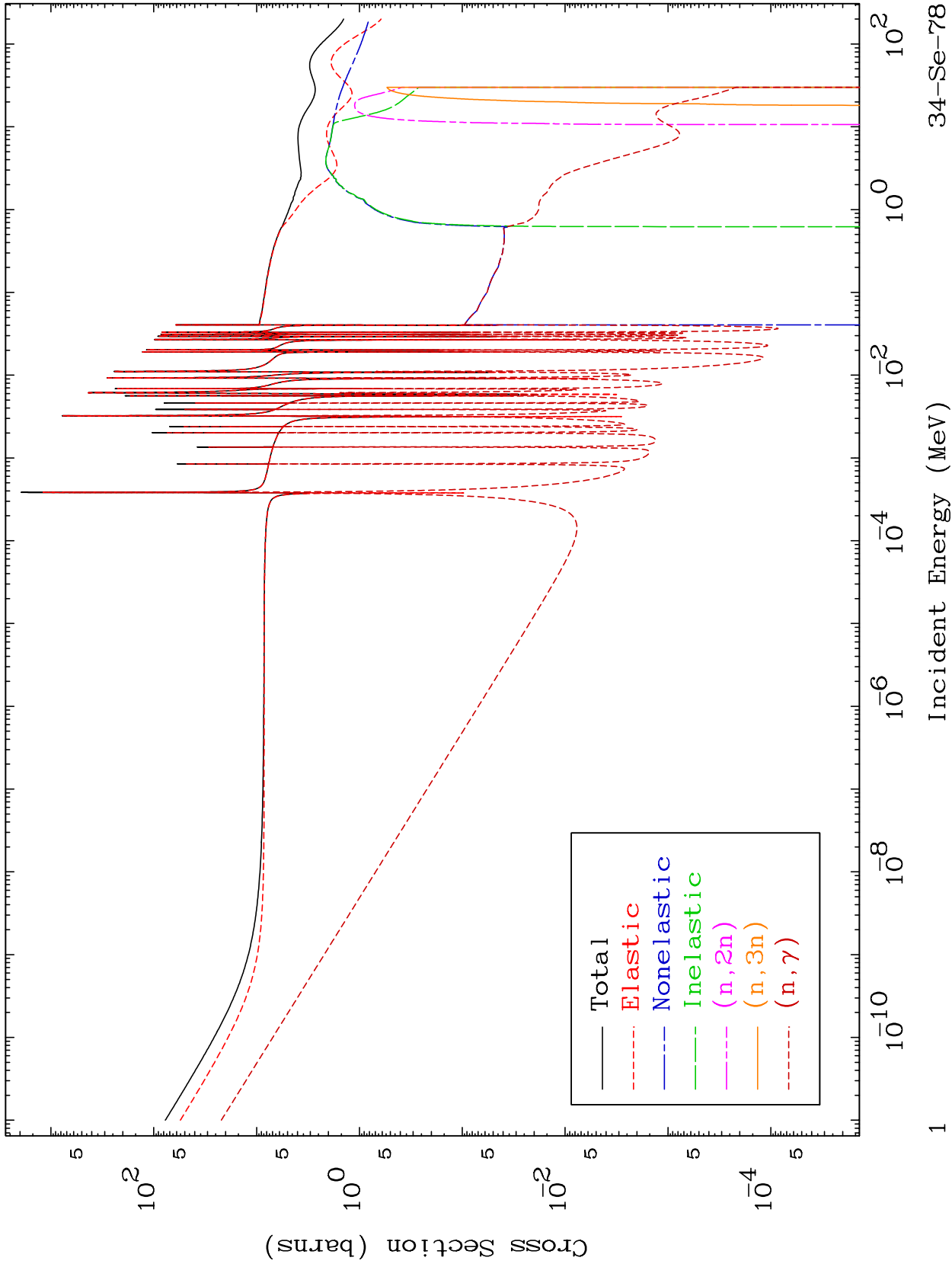
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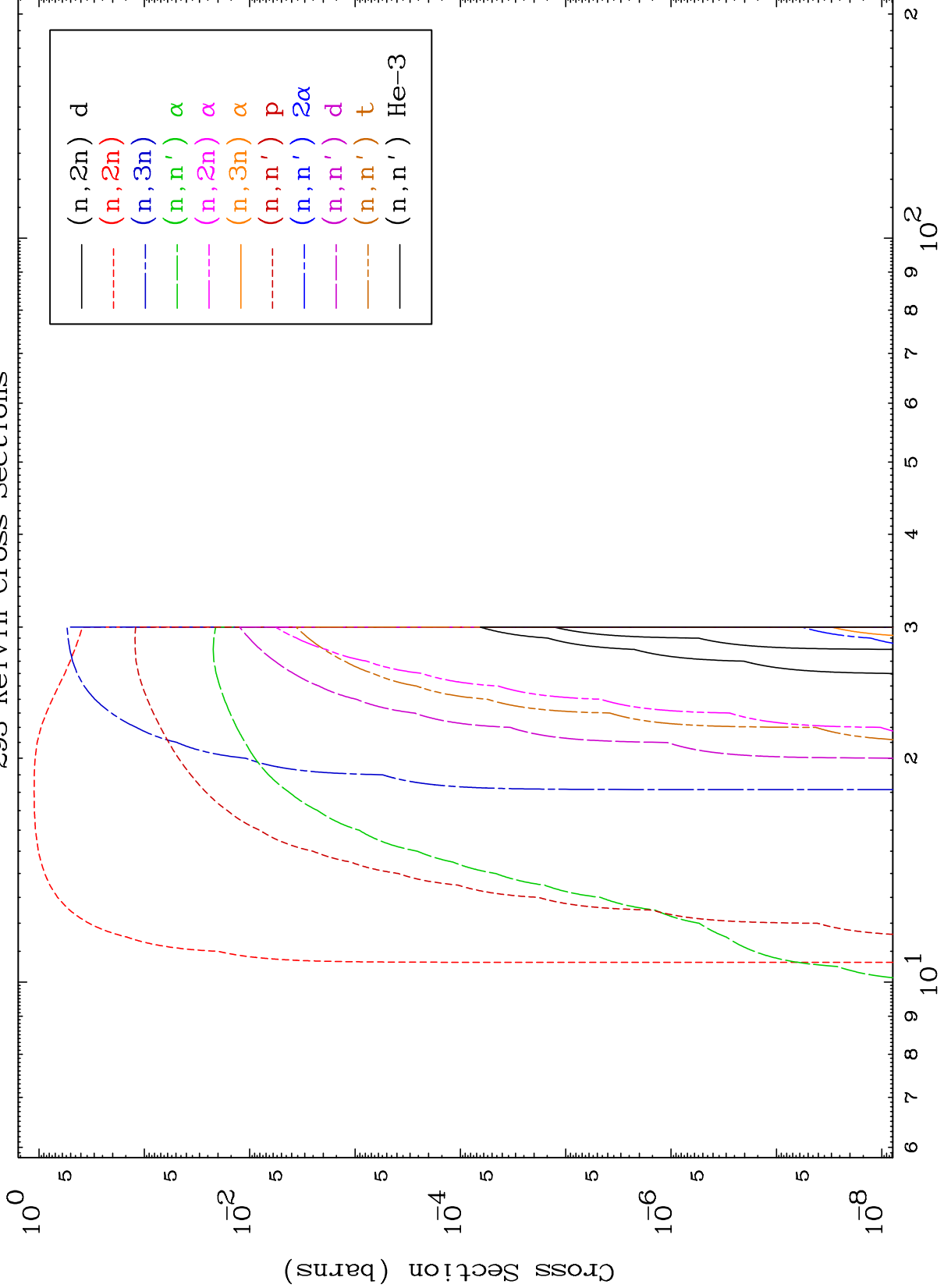
Press Mouse Button to Start

MAT 3437

Neutron Major
293 Kelvin Cross Sections

³⁴Se-78

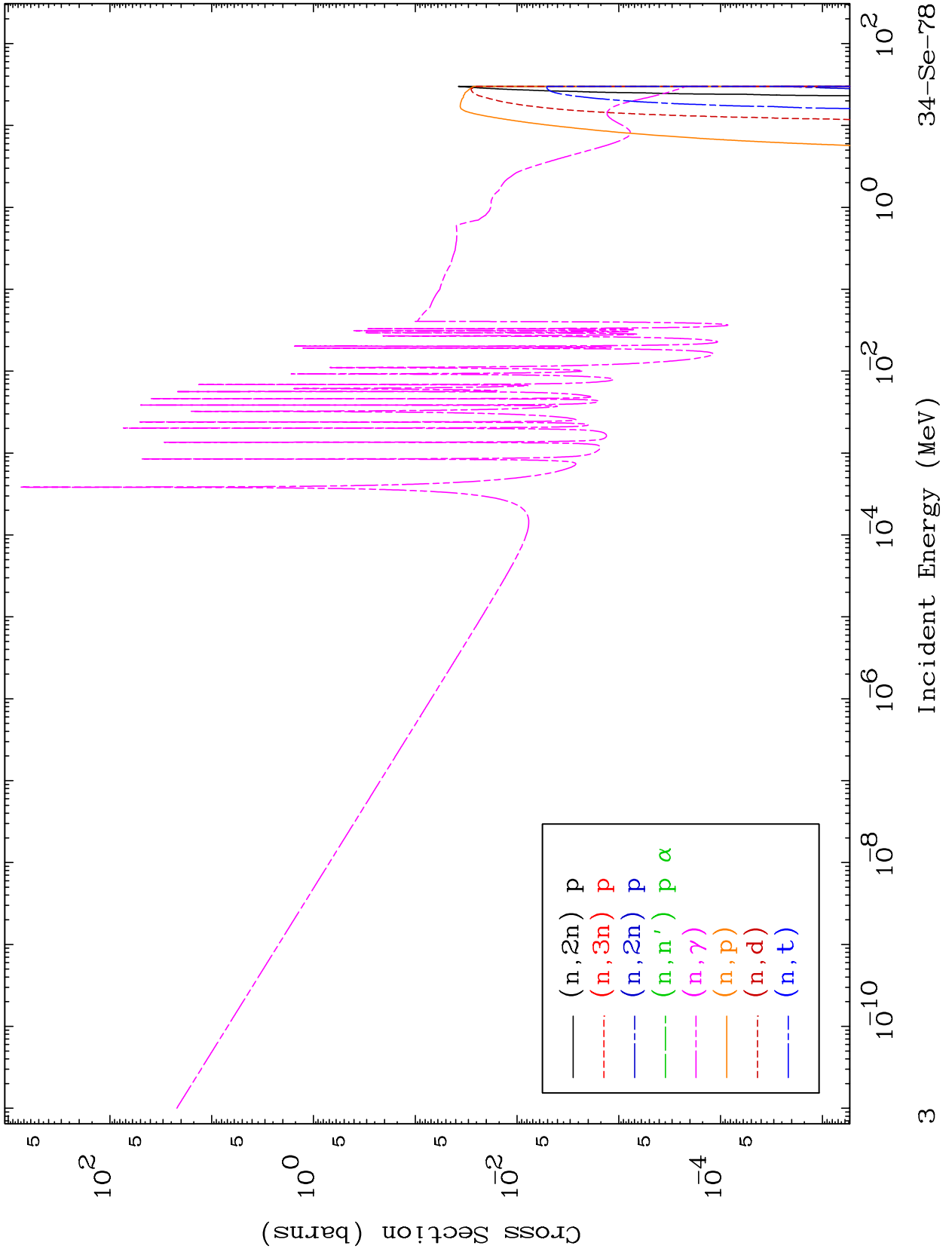




MAT 3437

Neutron Absorption
293 Kelvin Cross Sections

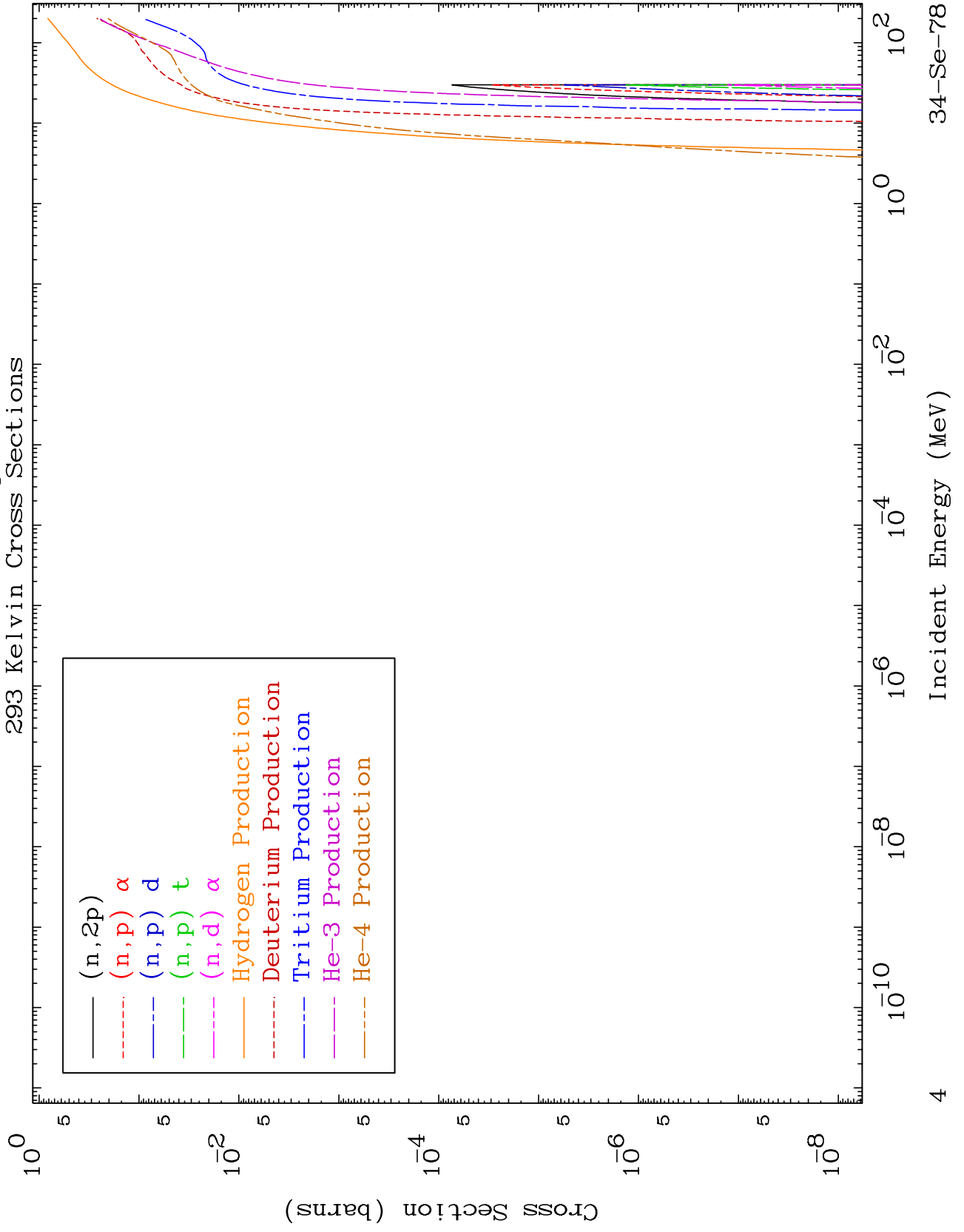
34-Se-78



MAT 3437

Neutron Absorption
293 Kelvin Cross Sections

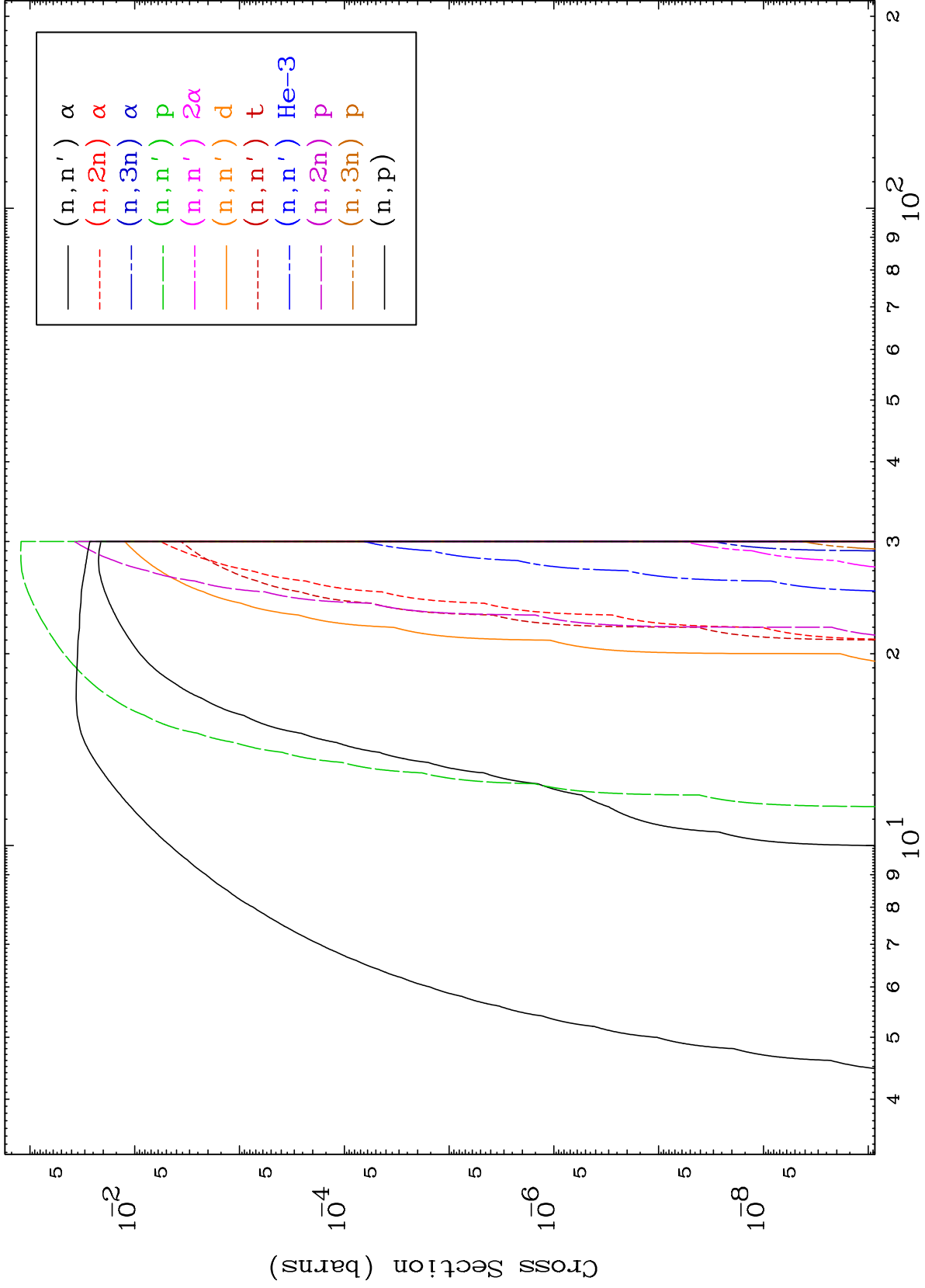
34-Se-78



MAT 3437

Charged Particle
293 Kelvin Cross Sections

34-Se-78



5

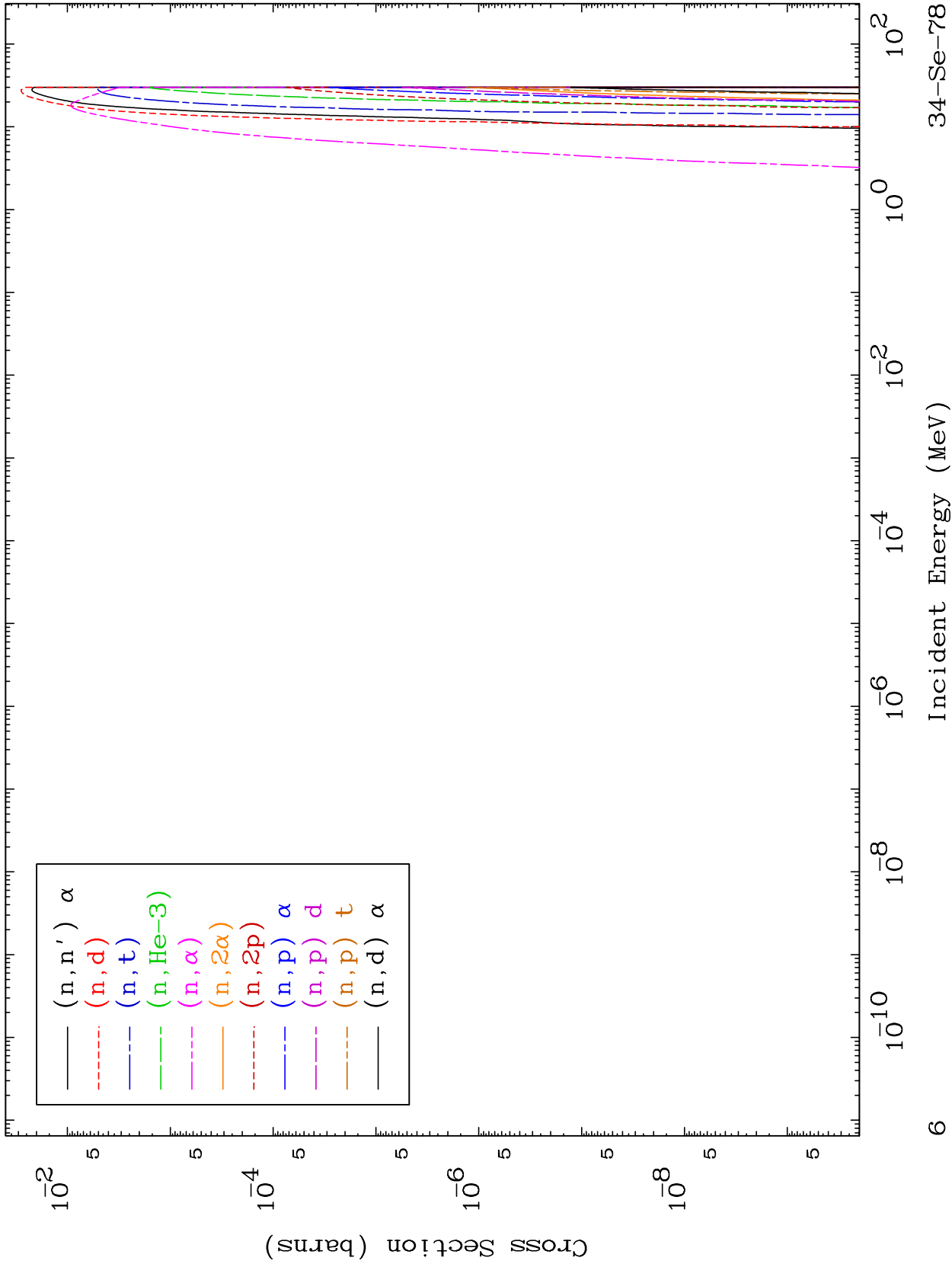
Incident Energy (MeV)

34-Se-78

MAT 3437

Charged Particle
293 Kelvin Cross Sections

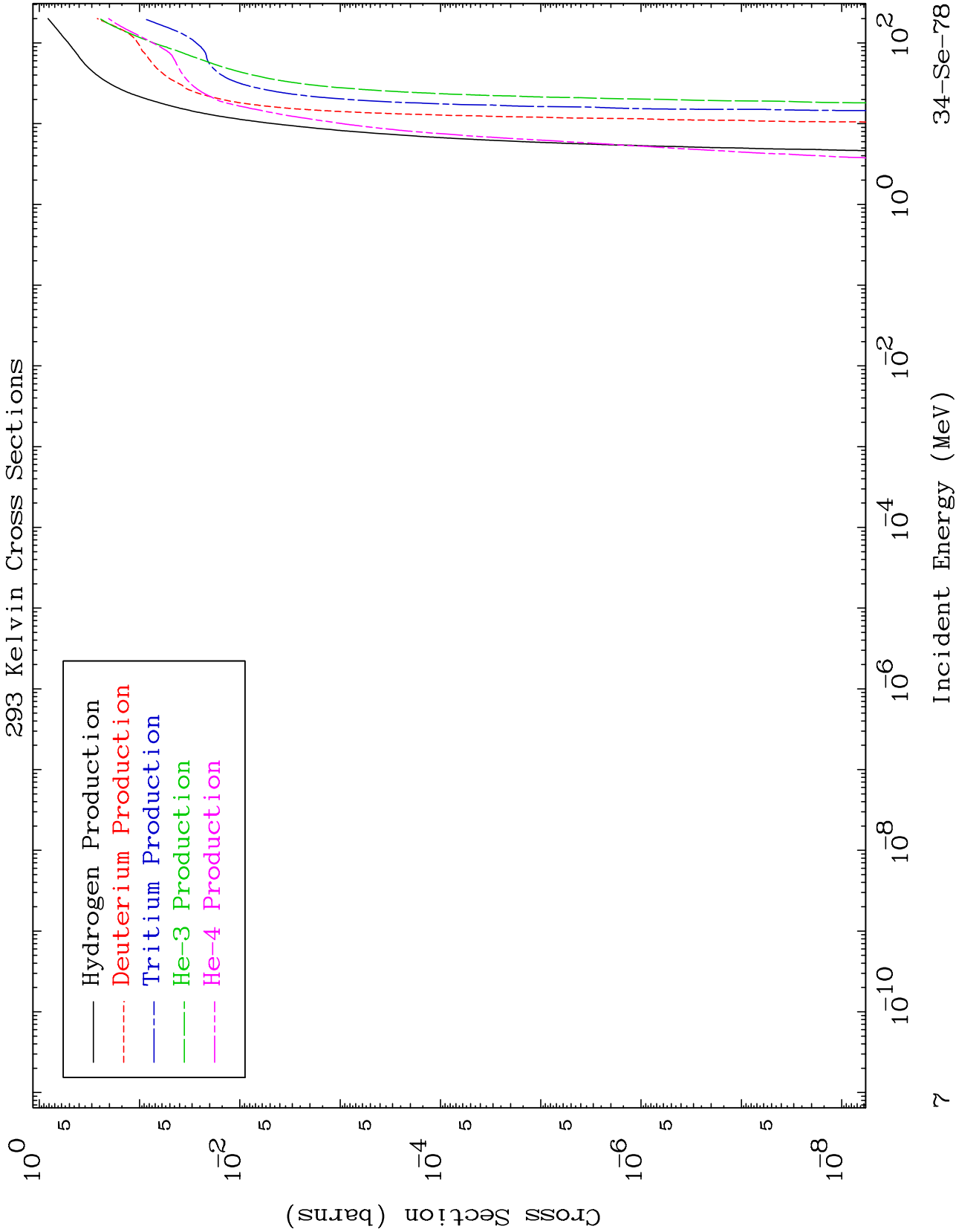
34-Se-78



MAT 3437

Particle Production
293 Kelvin Cross Sections

34-Se-78

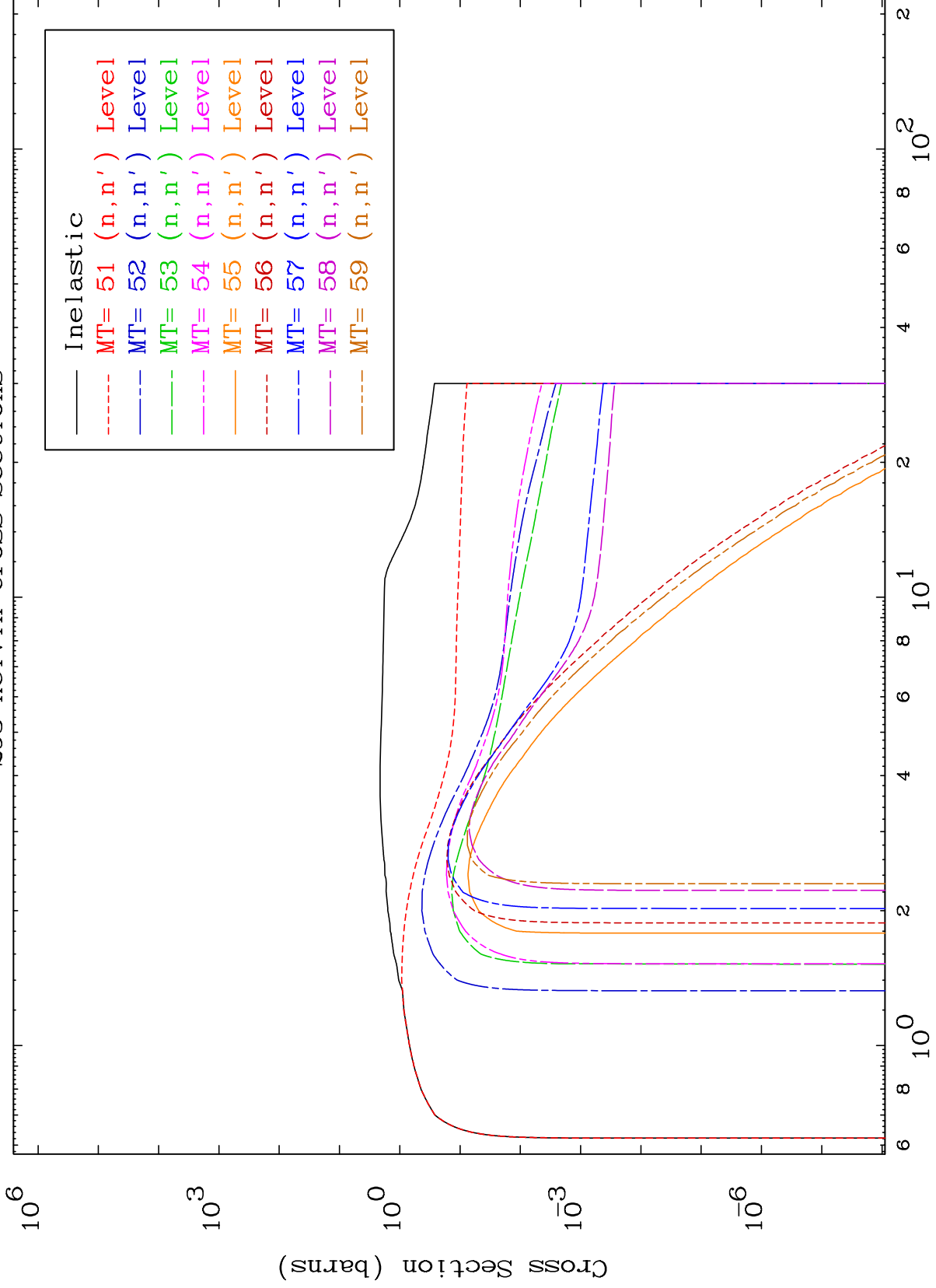


MAT 3437

(n,n') Levels

34-Se-78

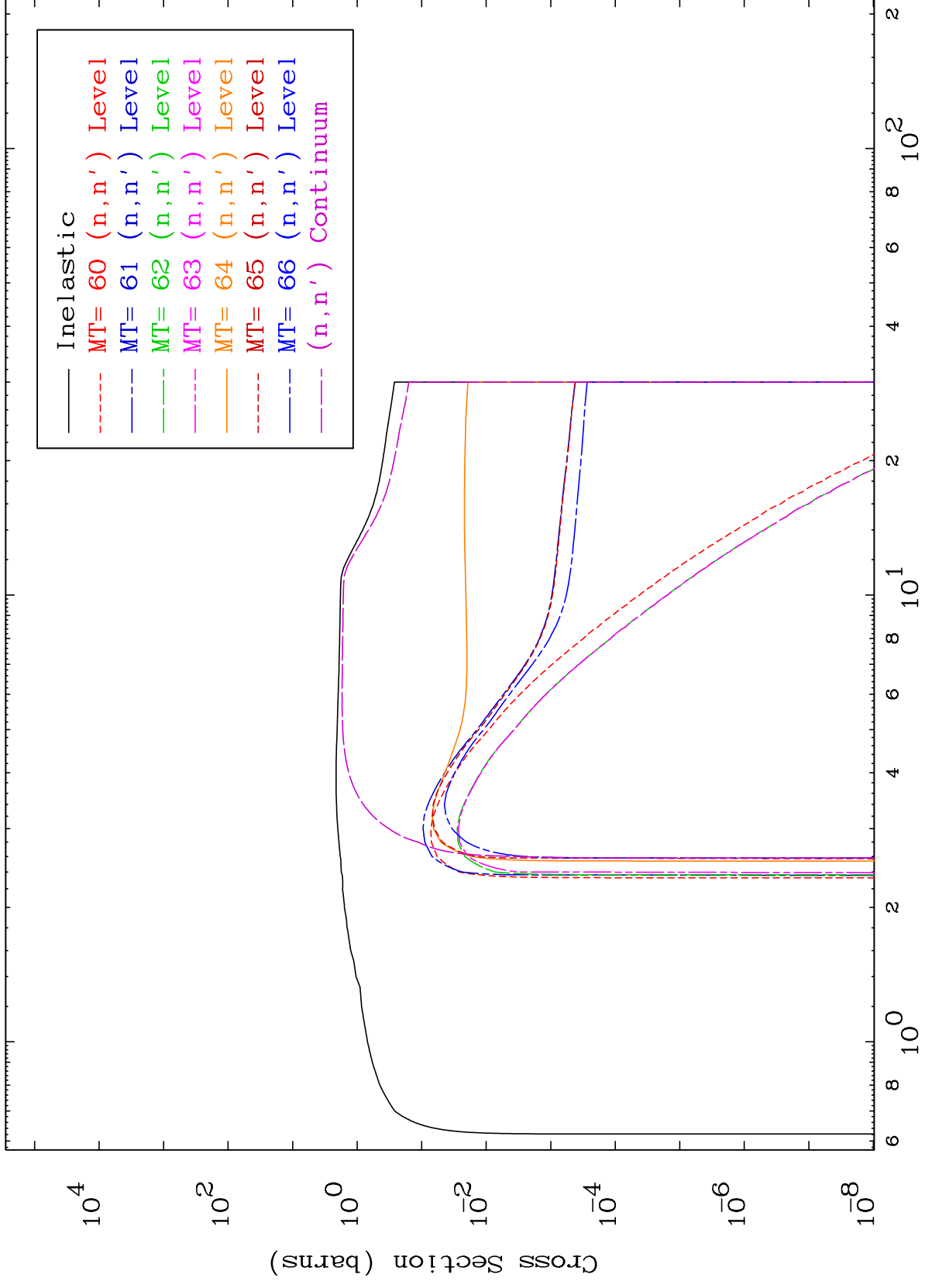
293 Kelvin Cross Sections



8

Incident Energy (MeV)

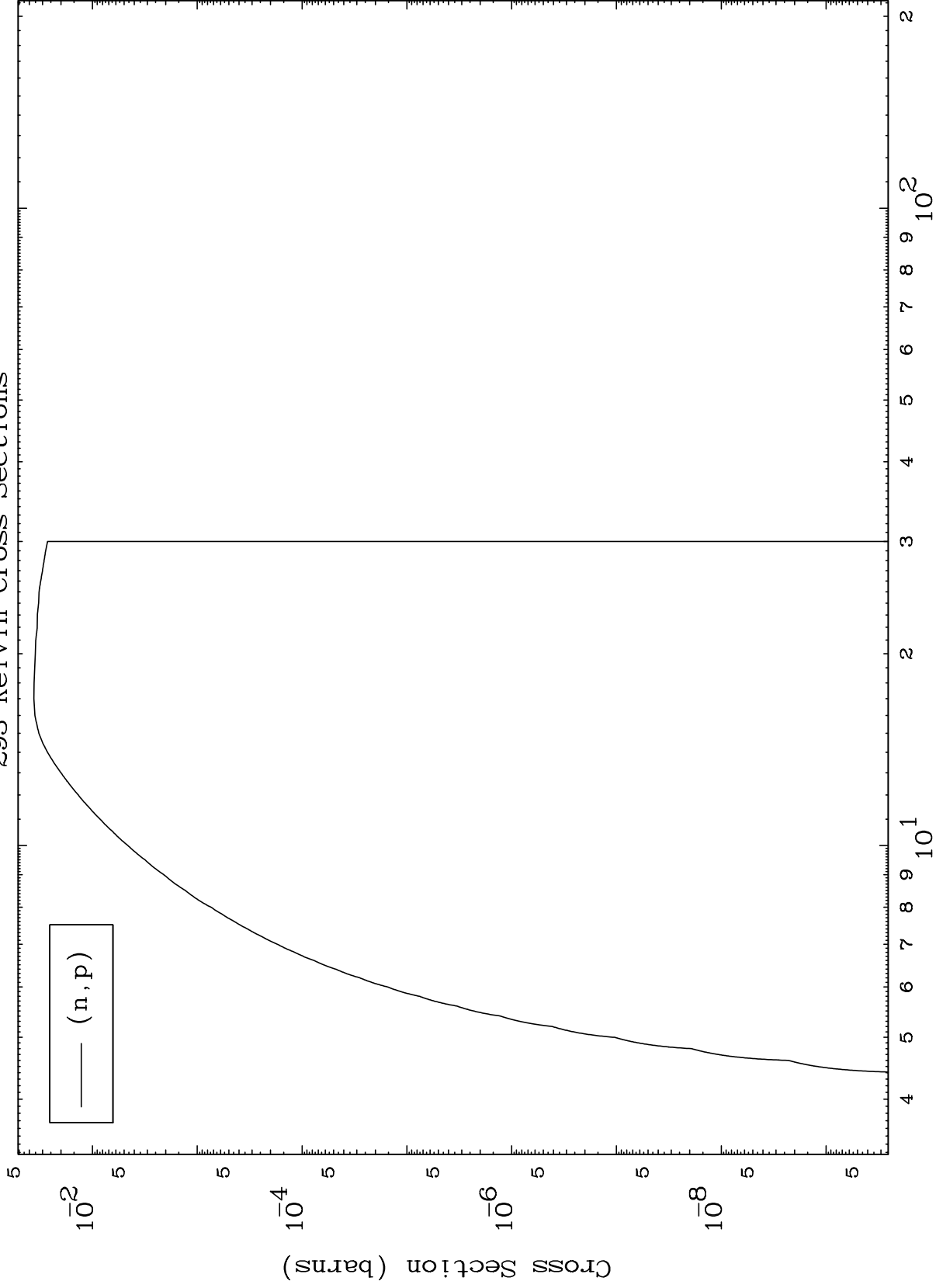
34-Se-78



MAT 3437

(n,p) Levels
293 Kelvin Cross Sections

³⁴Se-78



10

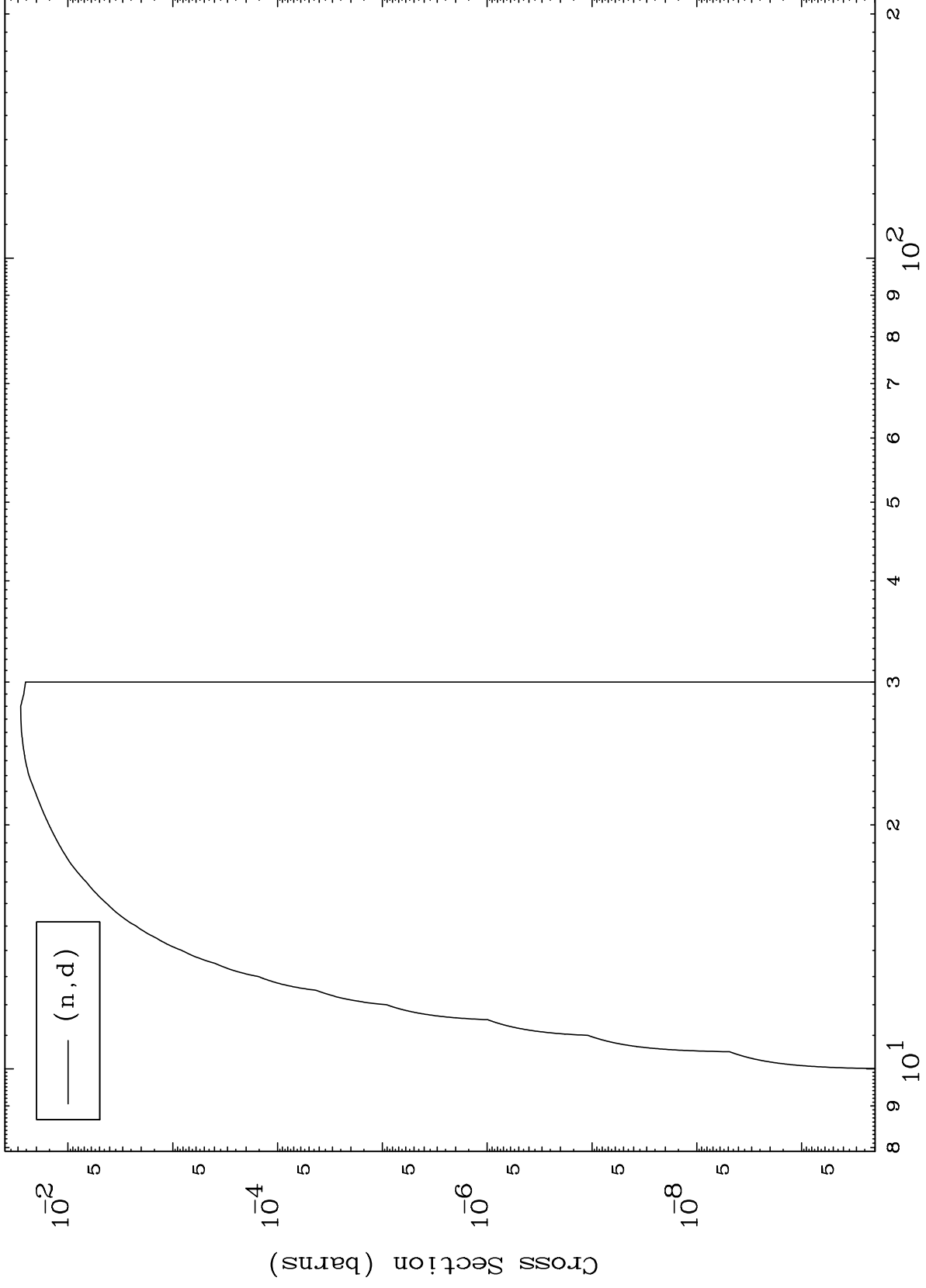
Incident Energy (MeV)

³⁴Se-78

MAT 3437

(n,d) Levels
293 Kelvin Cross Sections

³⁴Se-78



11

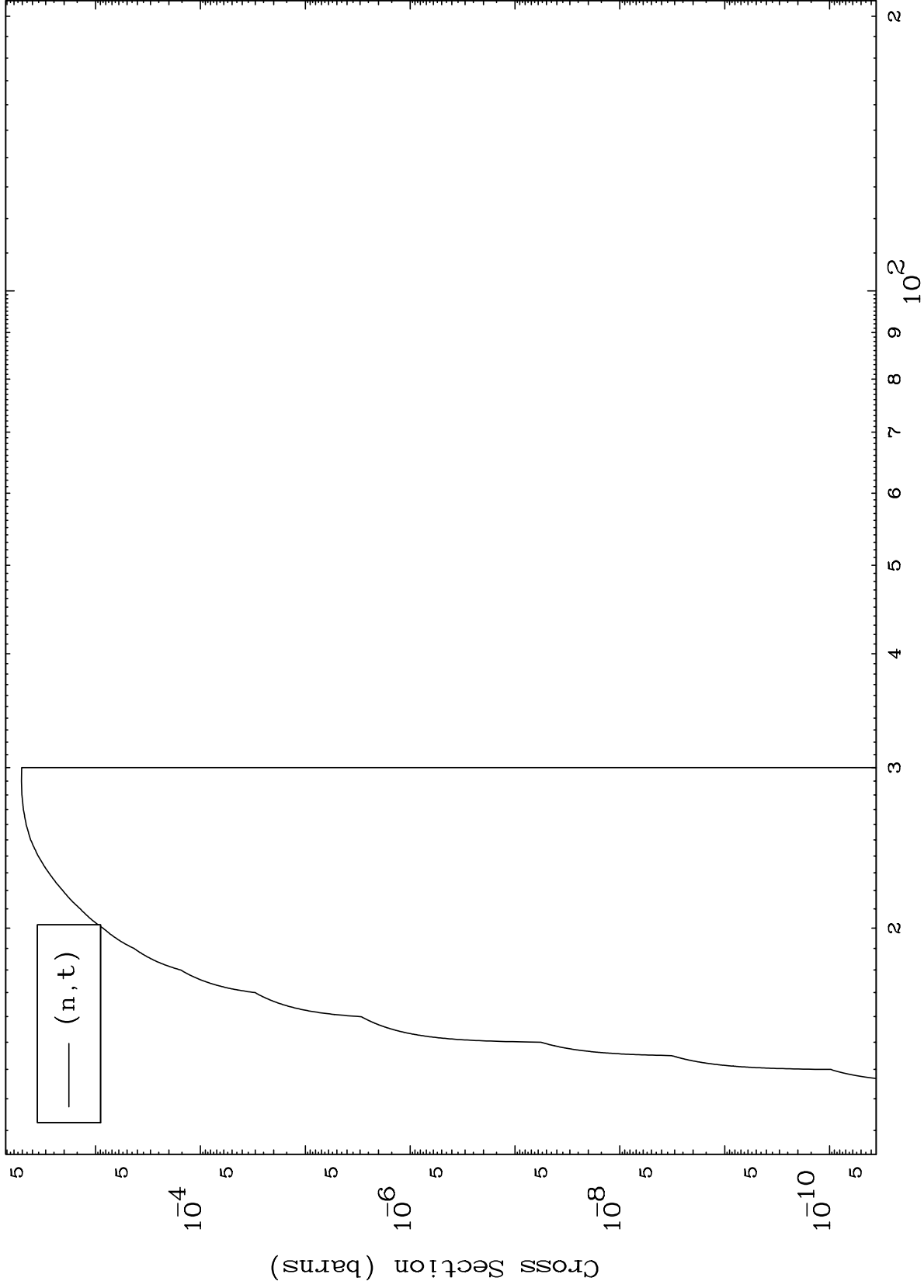
Incident Energy (MeV)

³⁴Se-78

MAT 3437

(n,t) Levels
293 Kelvin Cross Sections

³⁴Se-78



12

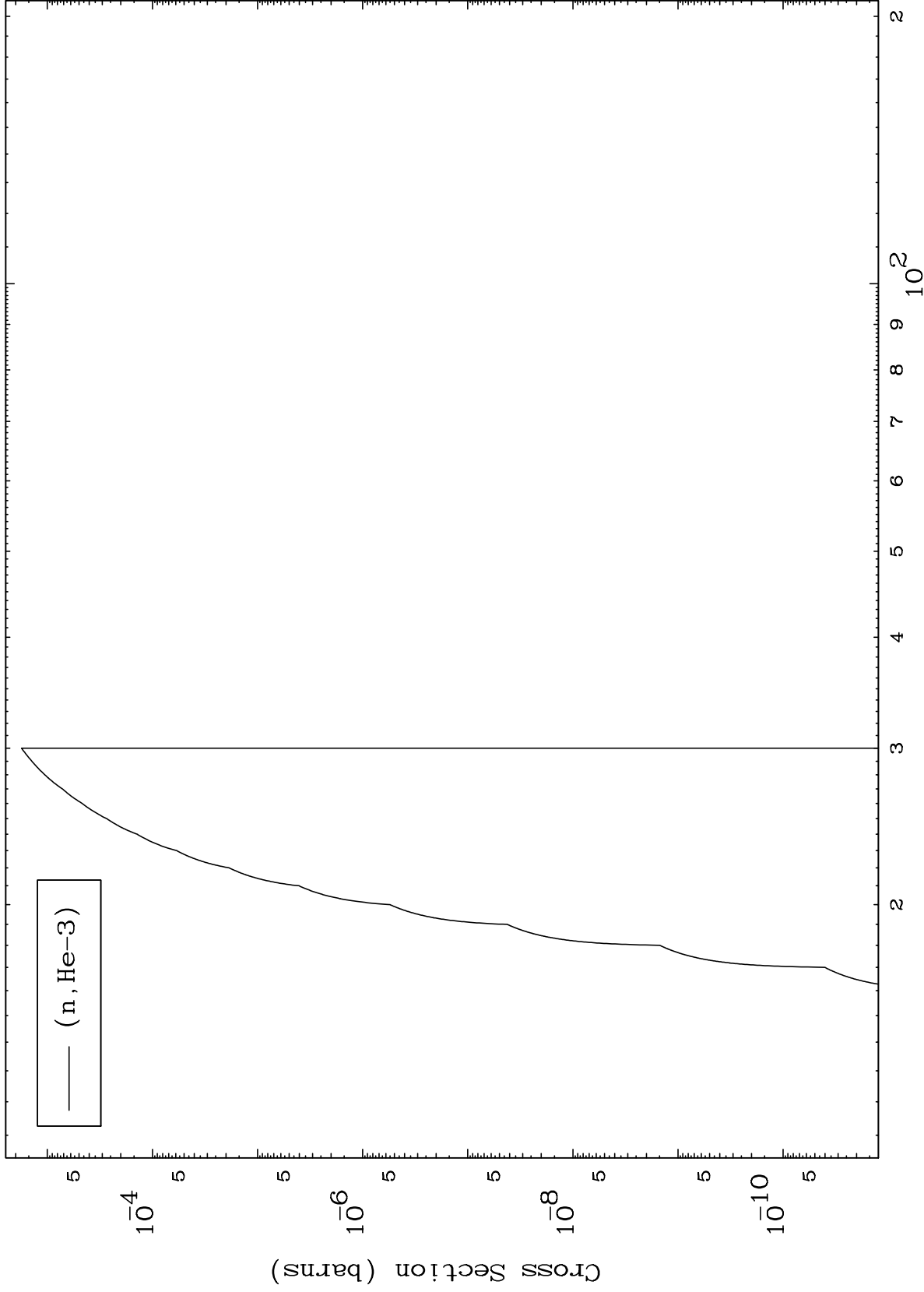
Incident Energy (MeV)

³⁴Se-78

MAT 3437

(n,He3) Levels
293 Kelvin Cross Sections

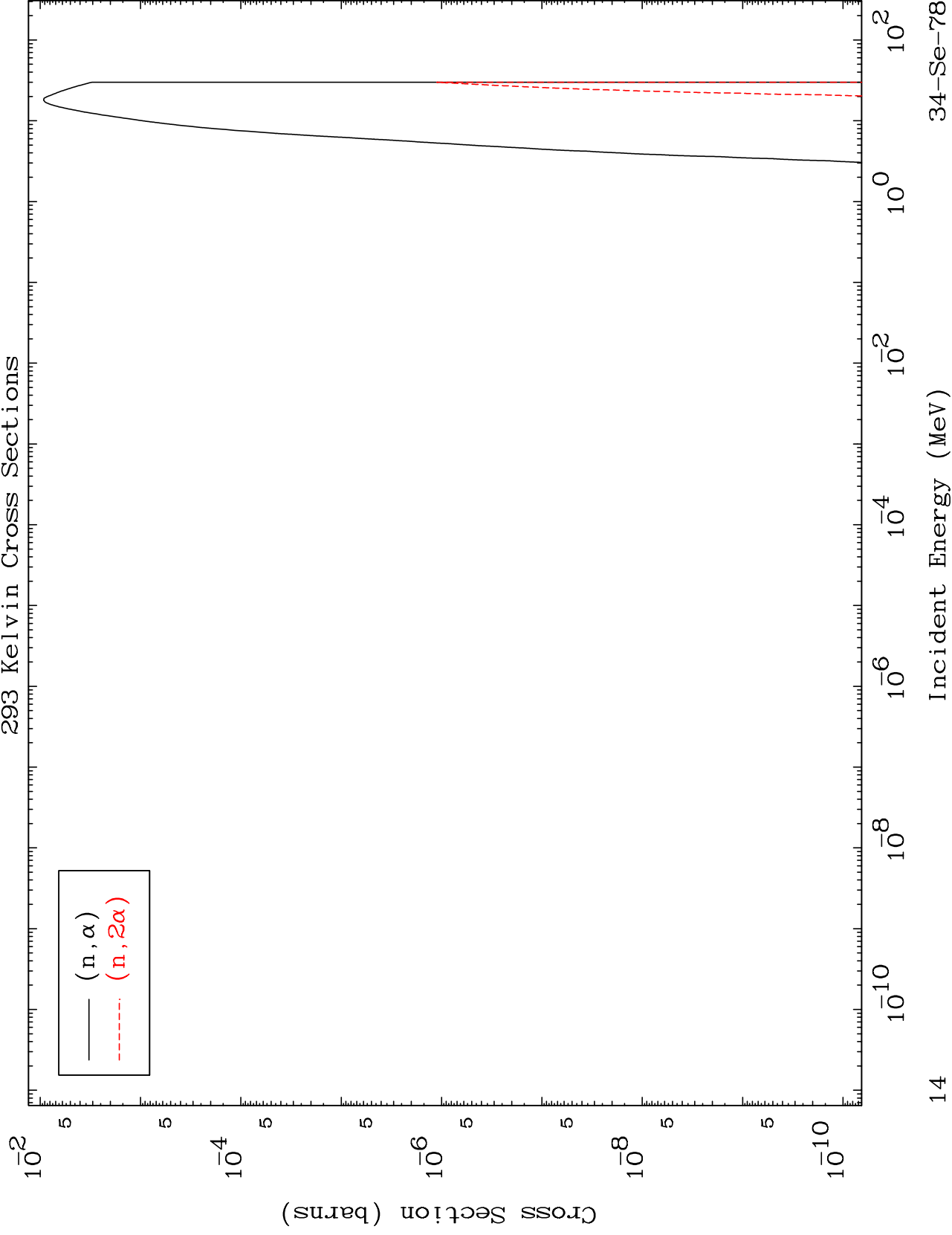
34-Se-78



MAT 3437

(n, α) Levels
293 Kelvin Cross Sections

³⁴Se-78

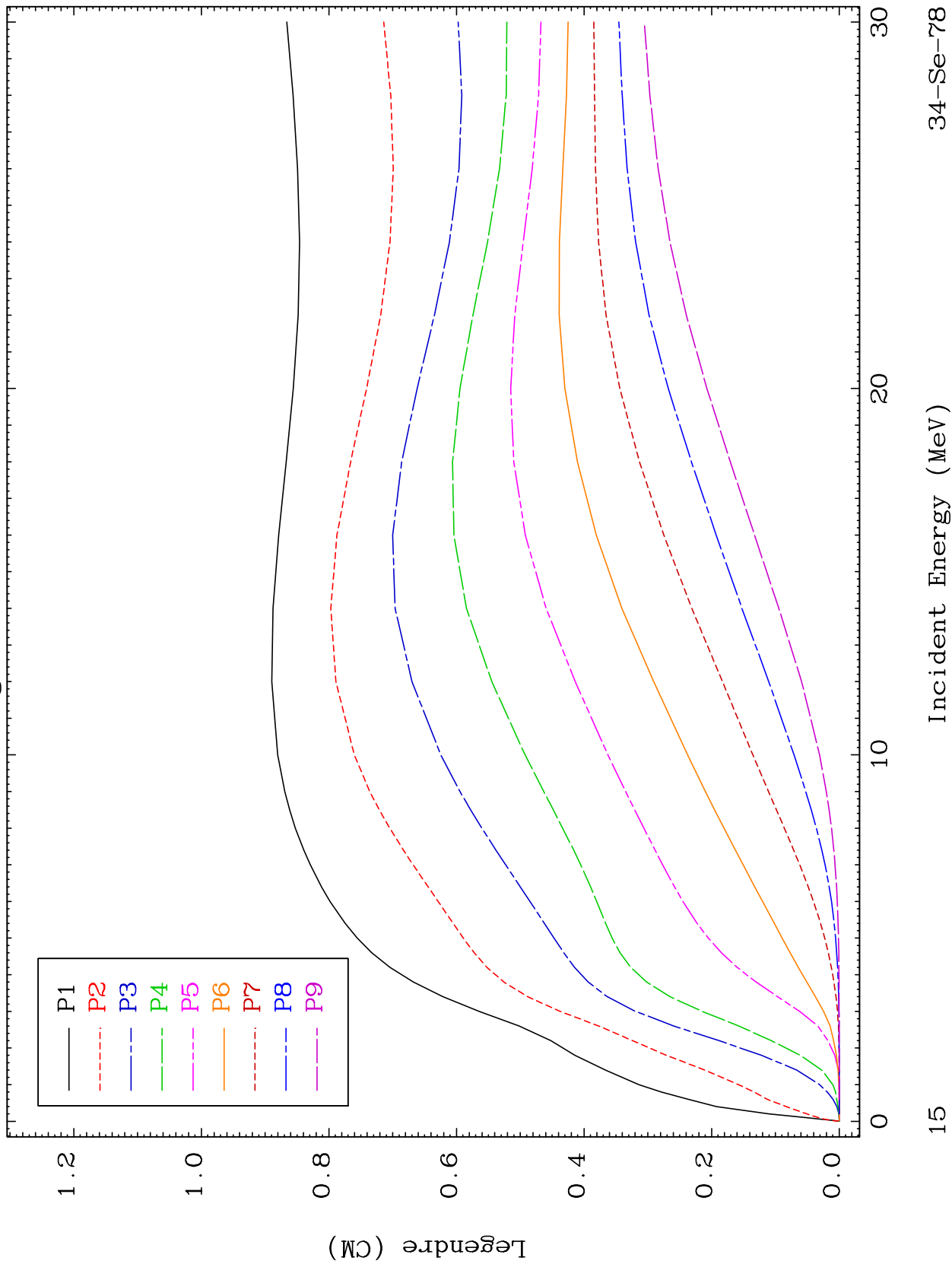


14

MAT 3437

Elastic Legendre Coefficients

³⁴Se-78



15

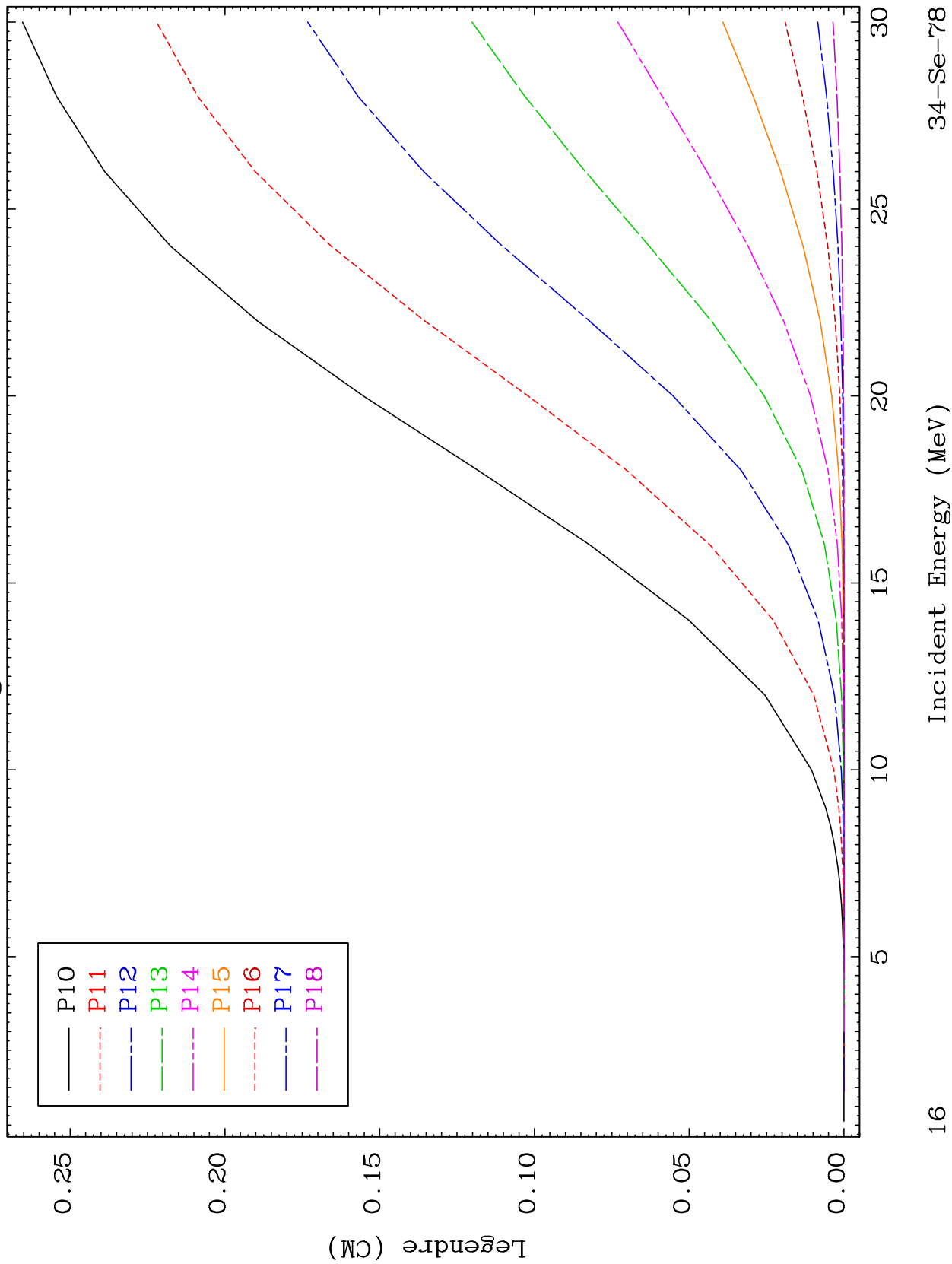
Incident Energy (MeV)

³⁴Se-78

MAT 3437

Elastic Legendre Coefficients

³⁴Se-78

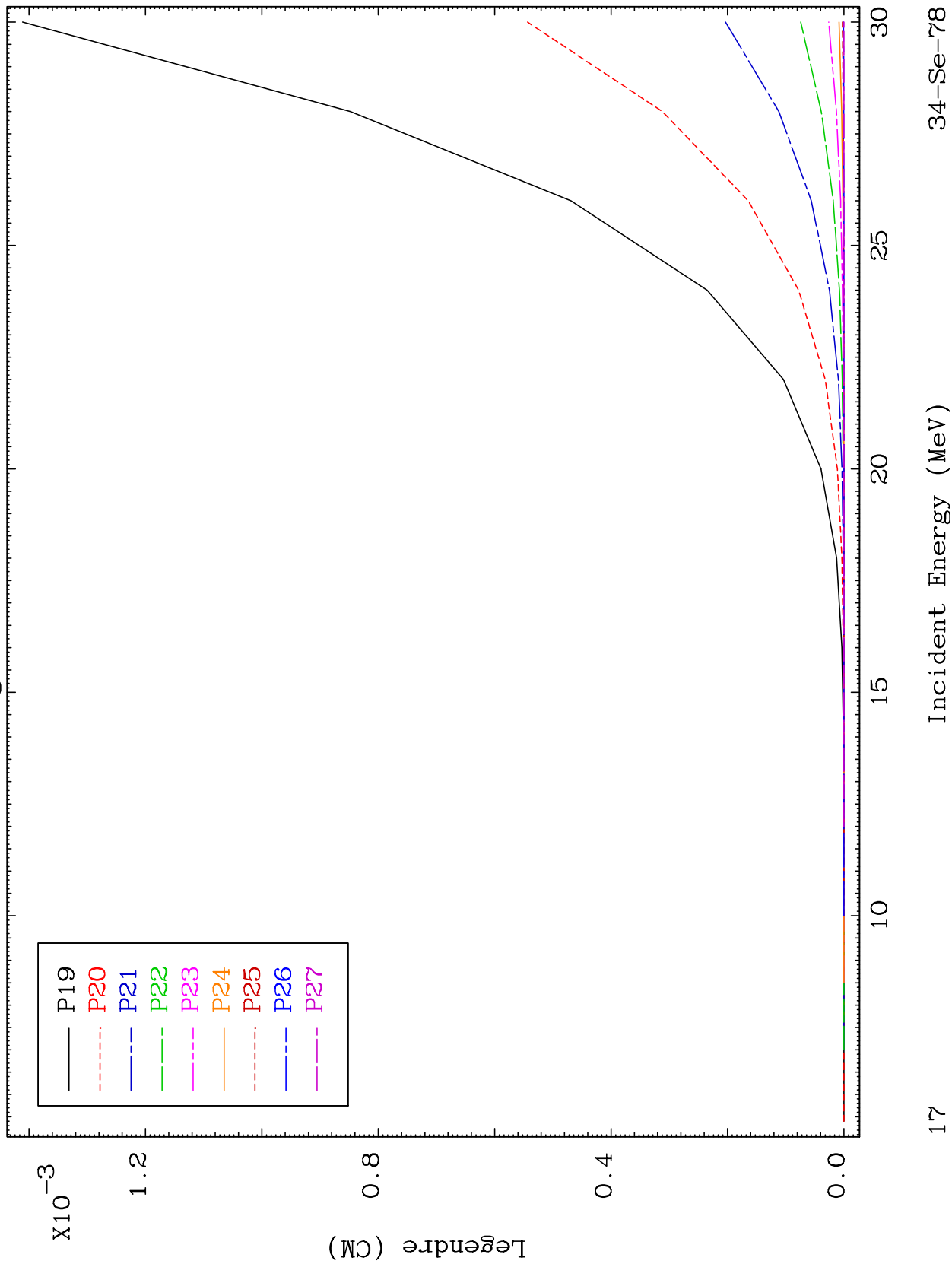


16

MAT 3437

Elastic Legendre Coefficients

³⁴Se-78

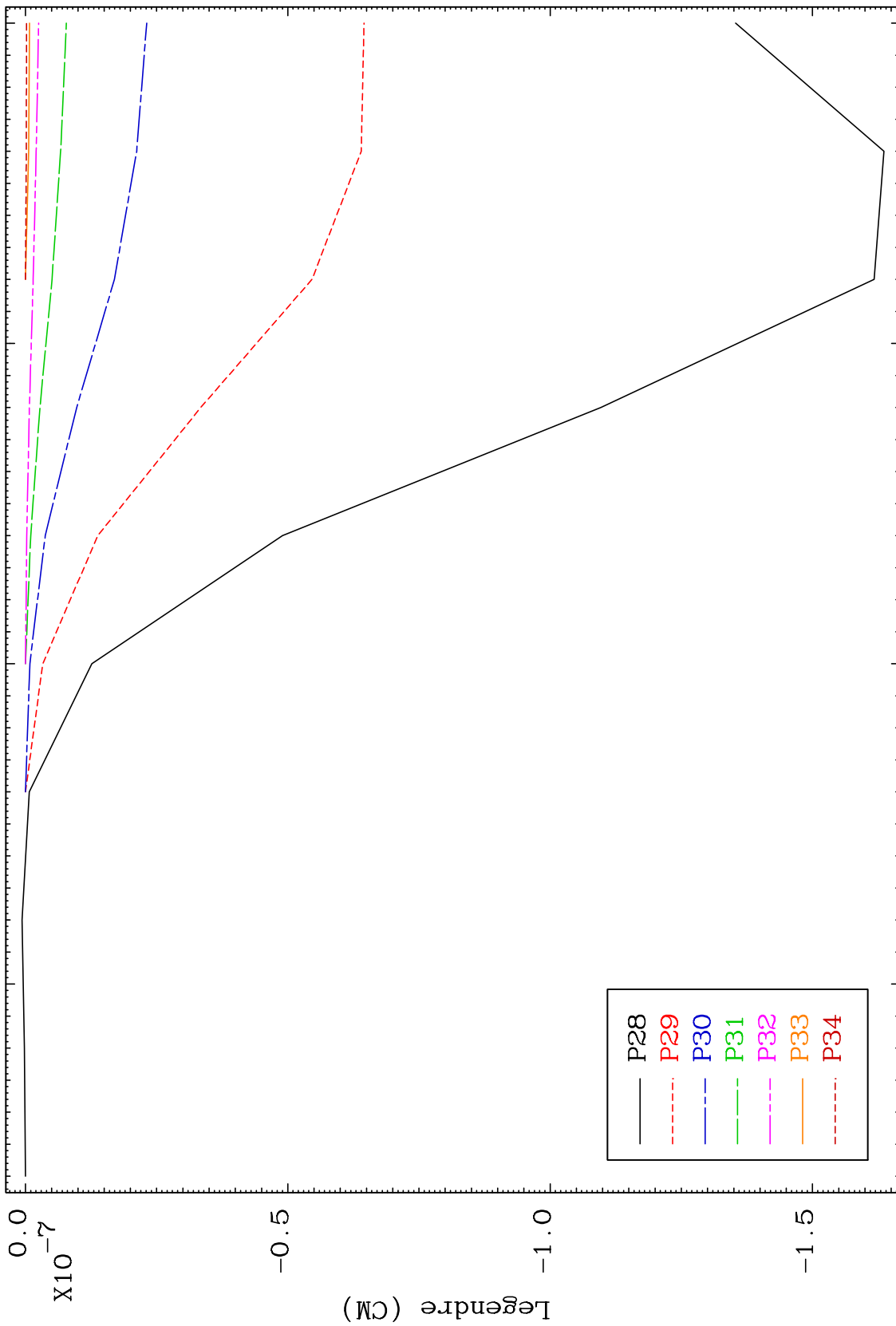


17

MAT 3437

³⁴Se-78

Elastic Legendre Coefficients

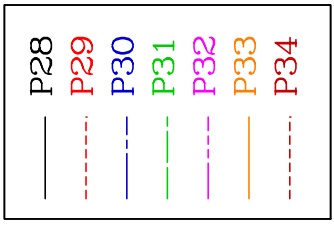


Legendre (CM)
 $\times 10^{-7}$

³⁴Se-78

Incident Energy (MeV)

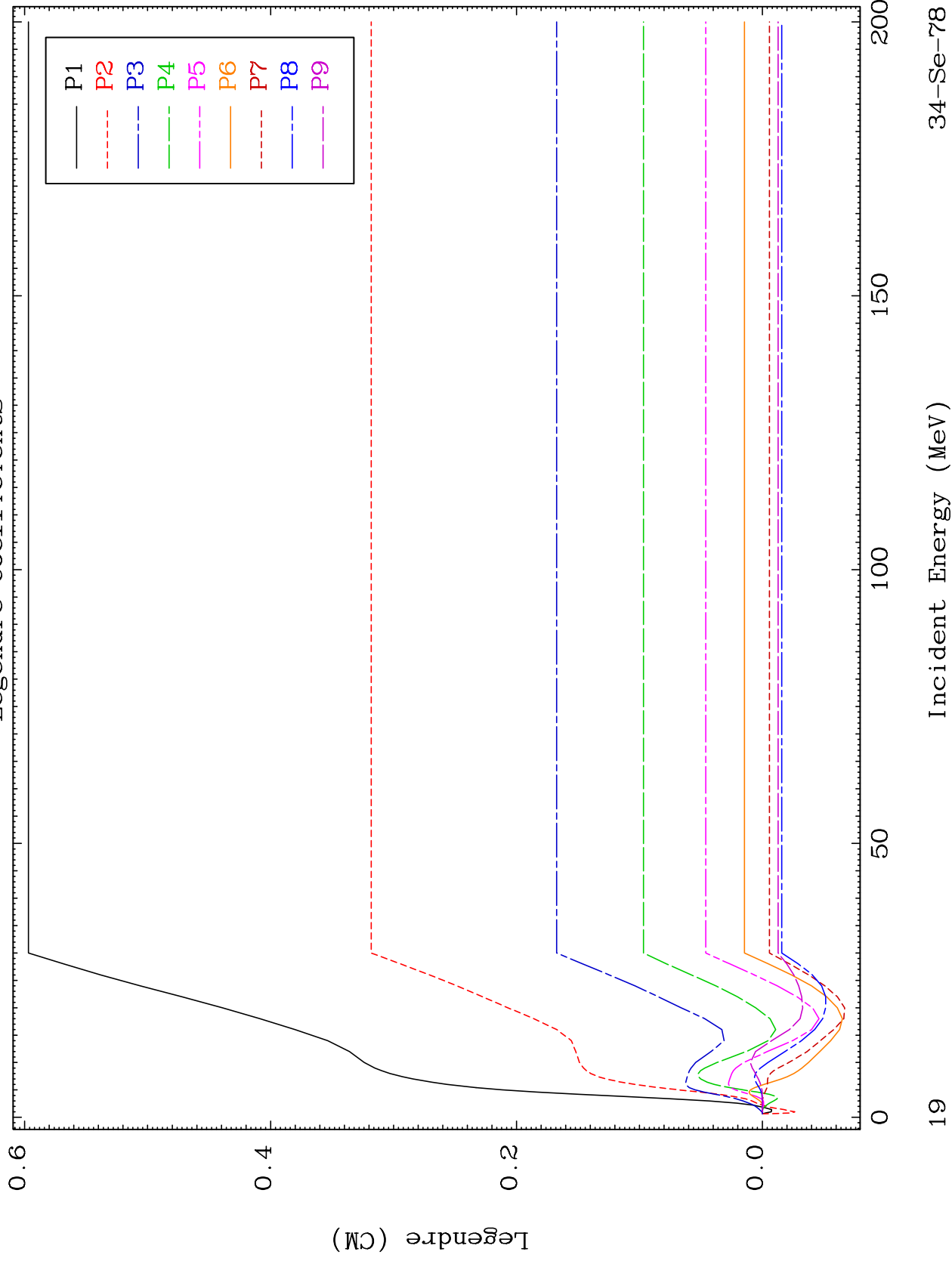
18



MAT 3437

MT= 51 (n,n') Level
Legendre Coefficients

³⁴Se-78



19

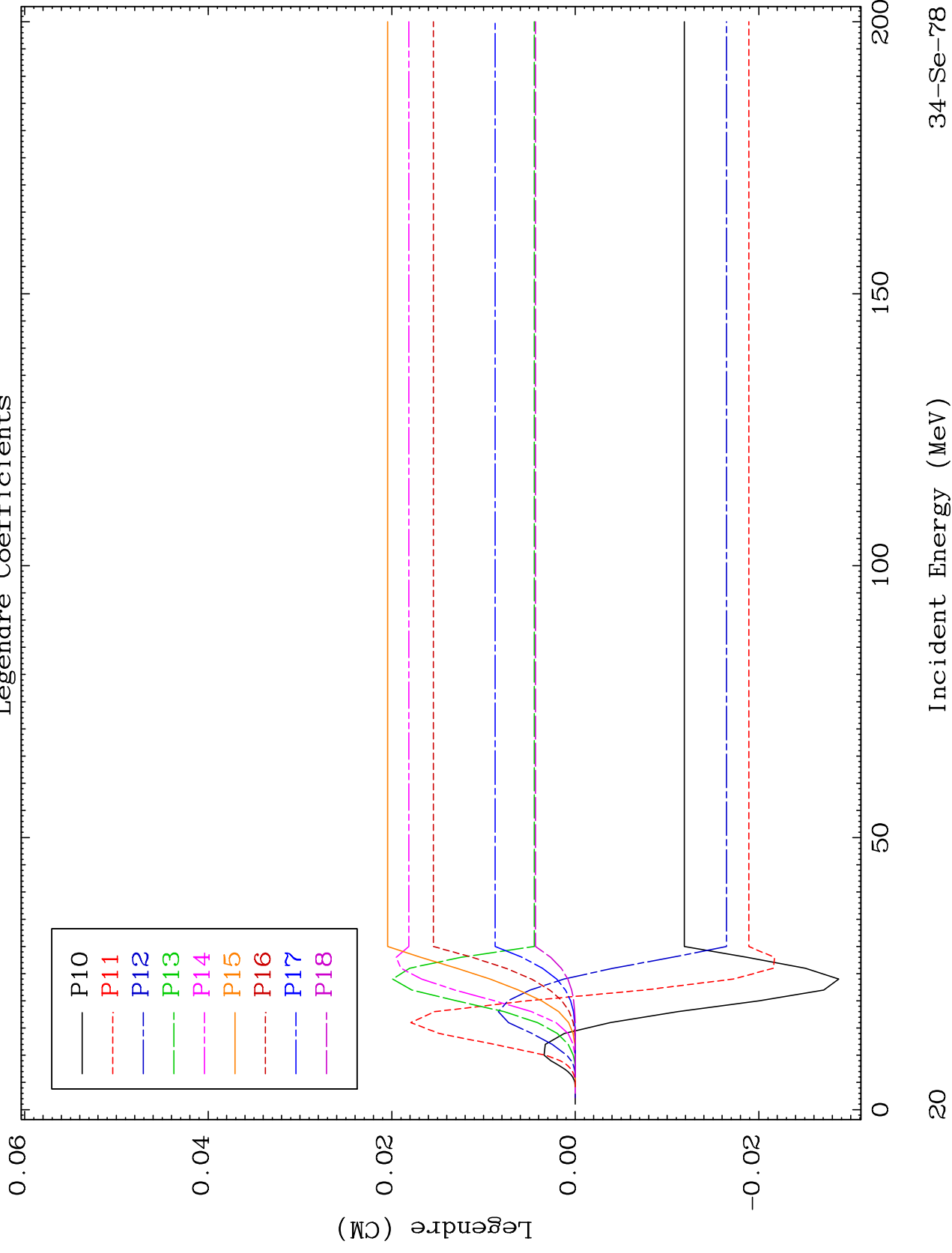
Incident Energy (MeV)

³⁴Se-78

MAT 3437

MT= 51 (n,n') Level
Legendre Coefficients

³⁴Se-78

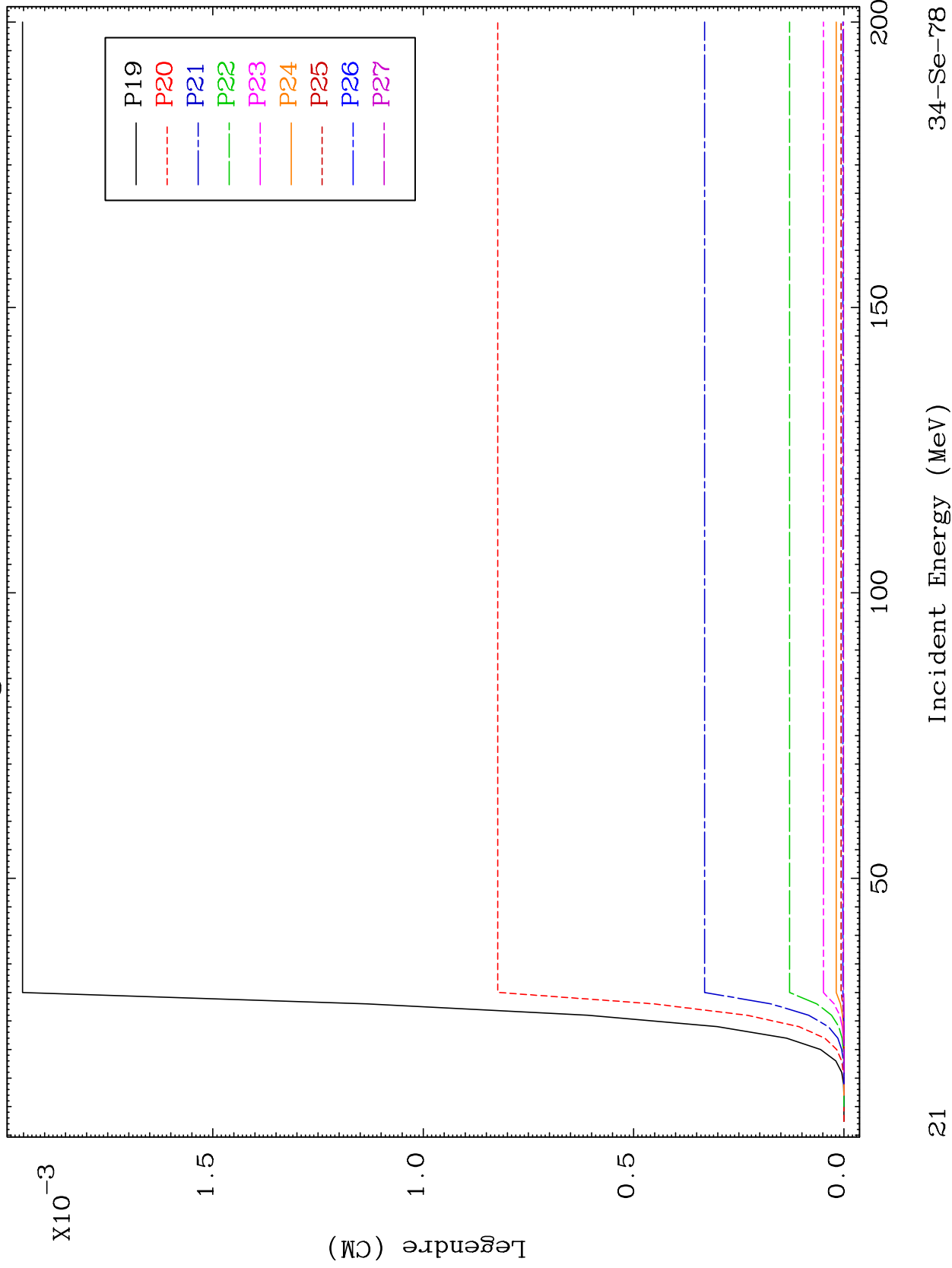


³⁴Se-78

MAT 3437

MT= 51 (n,n') Level
Legendre Coefficients

³⁴Se-78



21

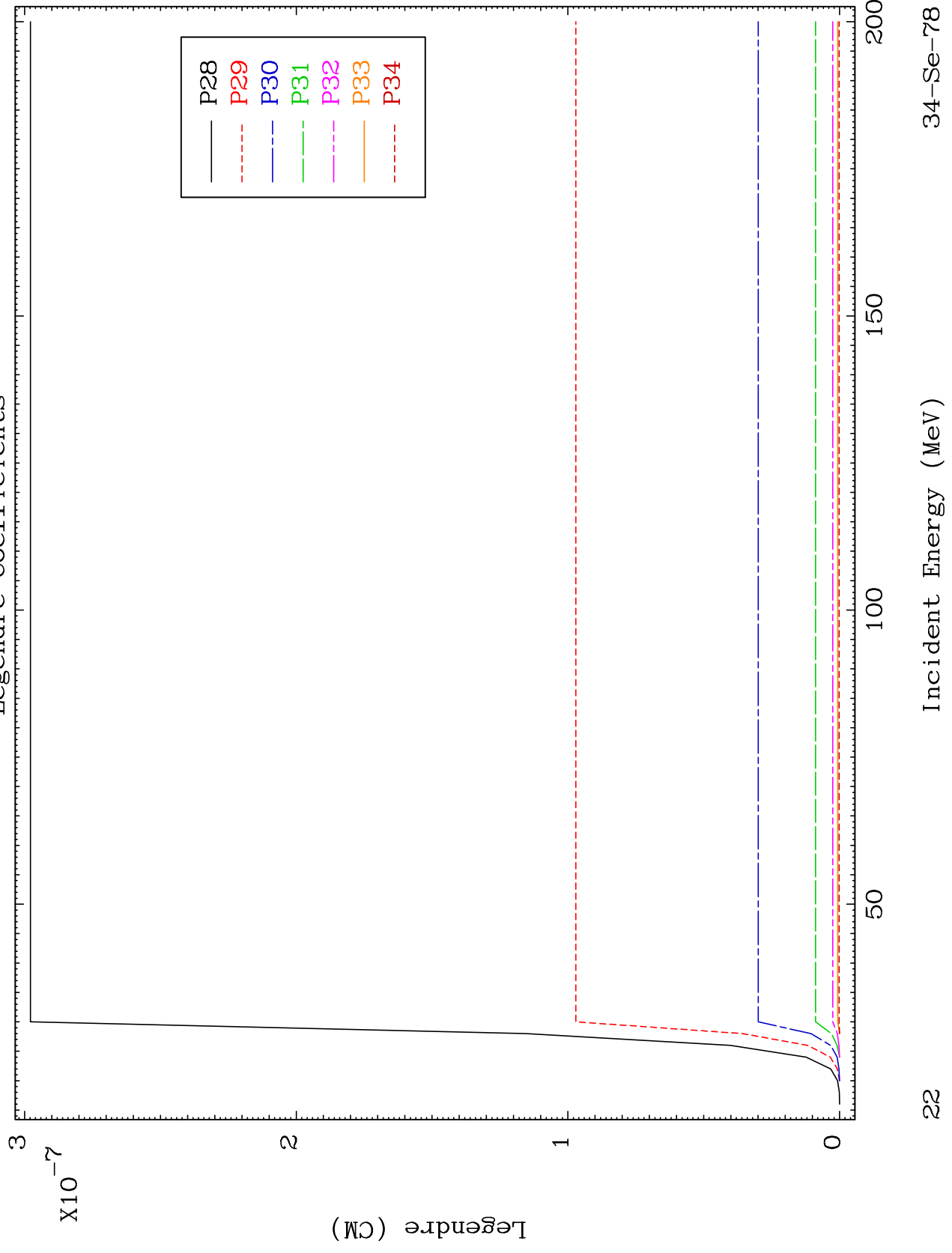
Incident Energy (MeV)

³⁴Se-78

MAT 3437

MT= 51 (n,n') Level
Legendre Coefficients

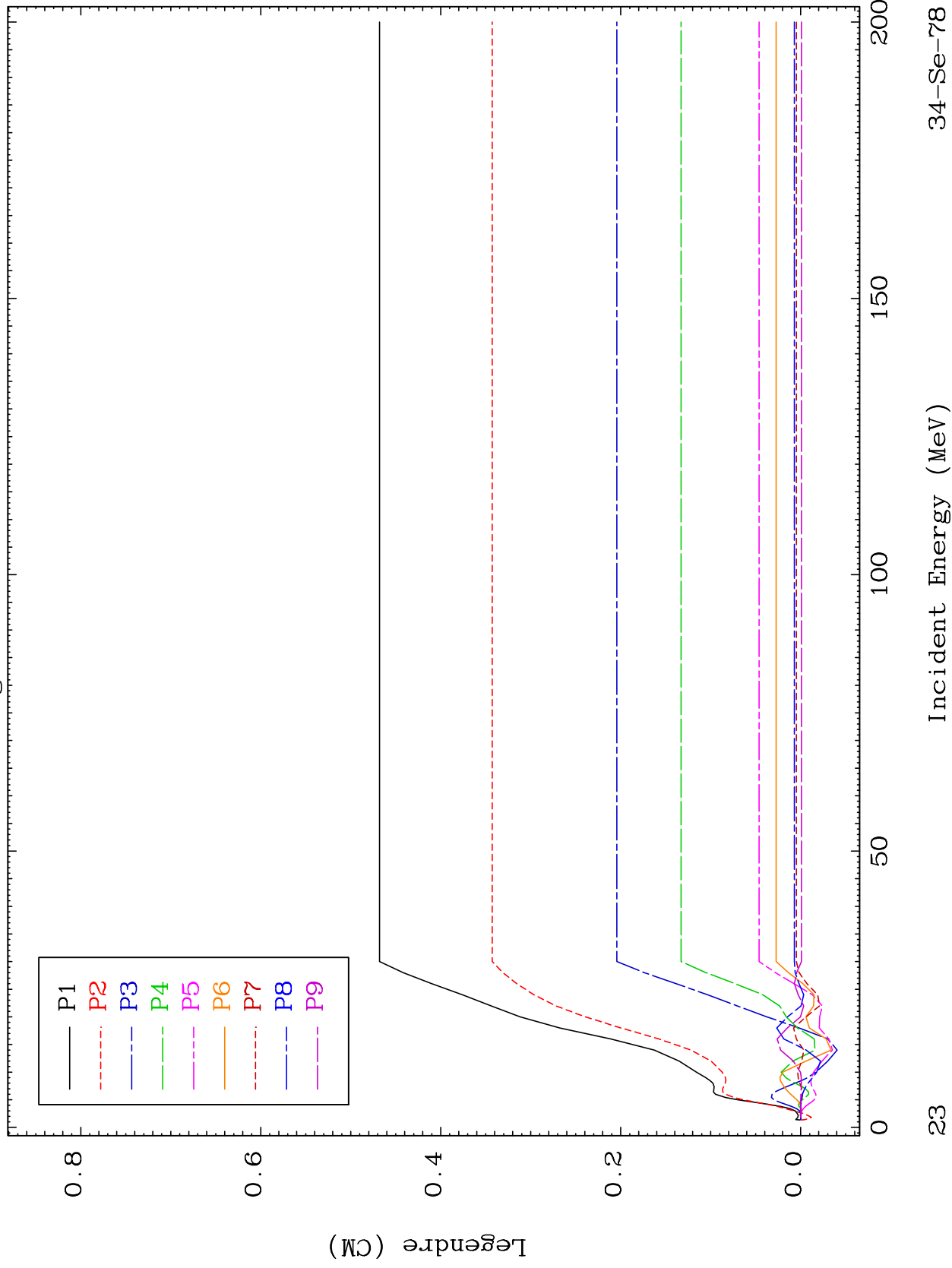
34-Se-78



MAT 3437

MT= 52 (n,n') Level
Legendre Coefficients

³⁴Se-78



23

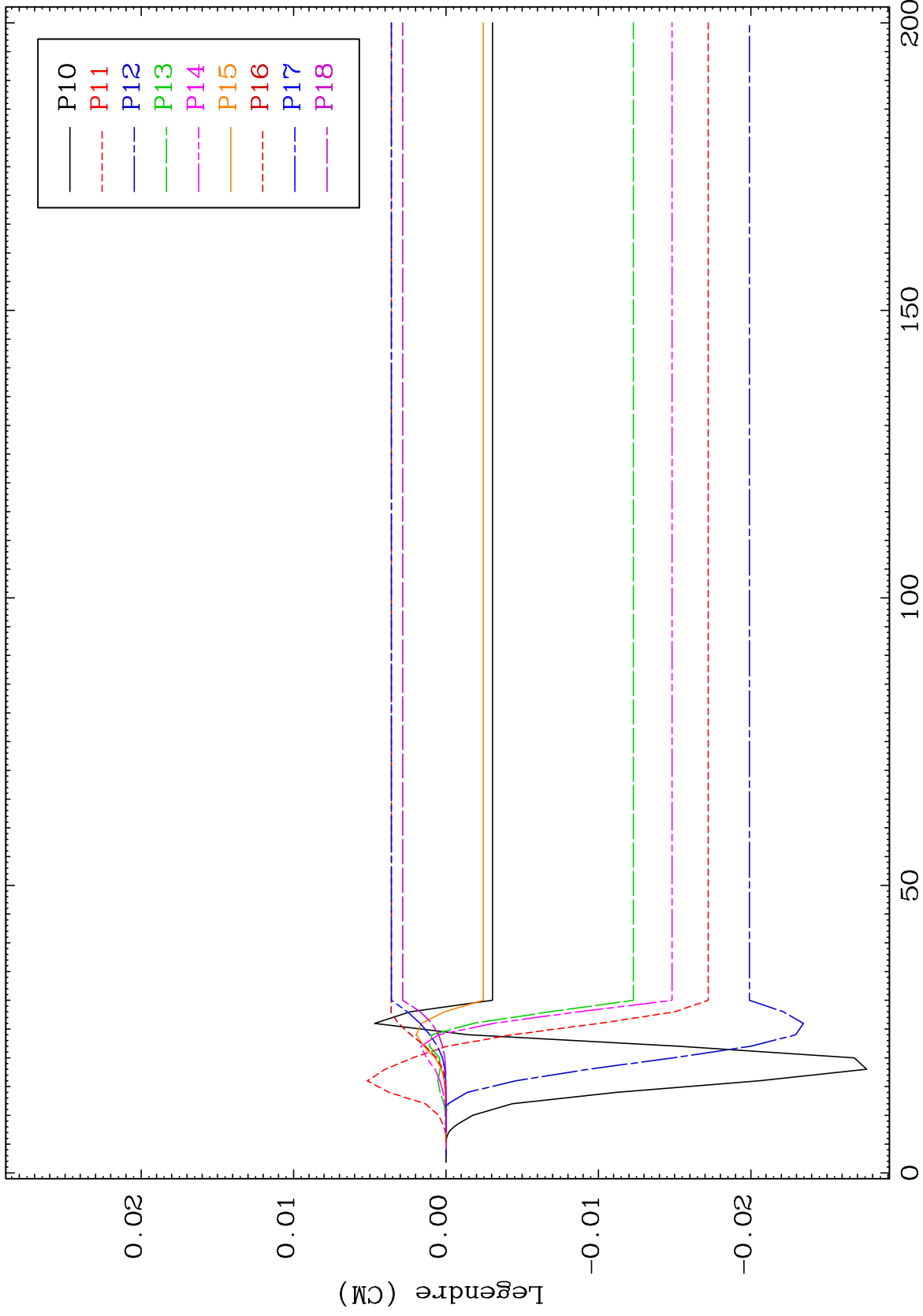
Incident Energy (MeV)

³⁴Se-78

MAT 3437

MT= 52 (n,n') Level
Legendre Coefficients

³⁴Se-78



24

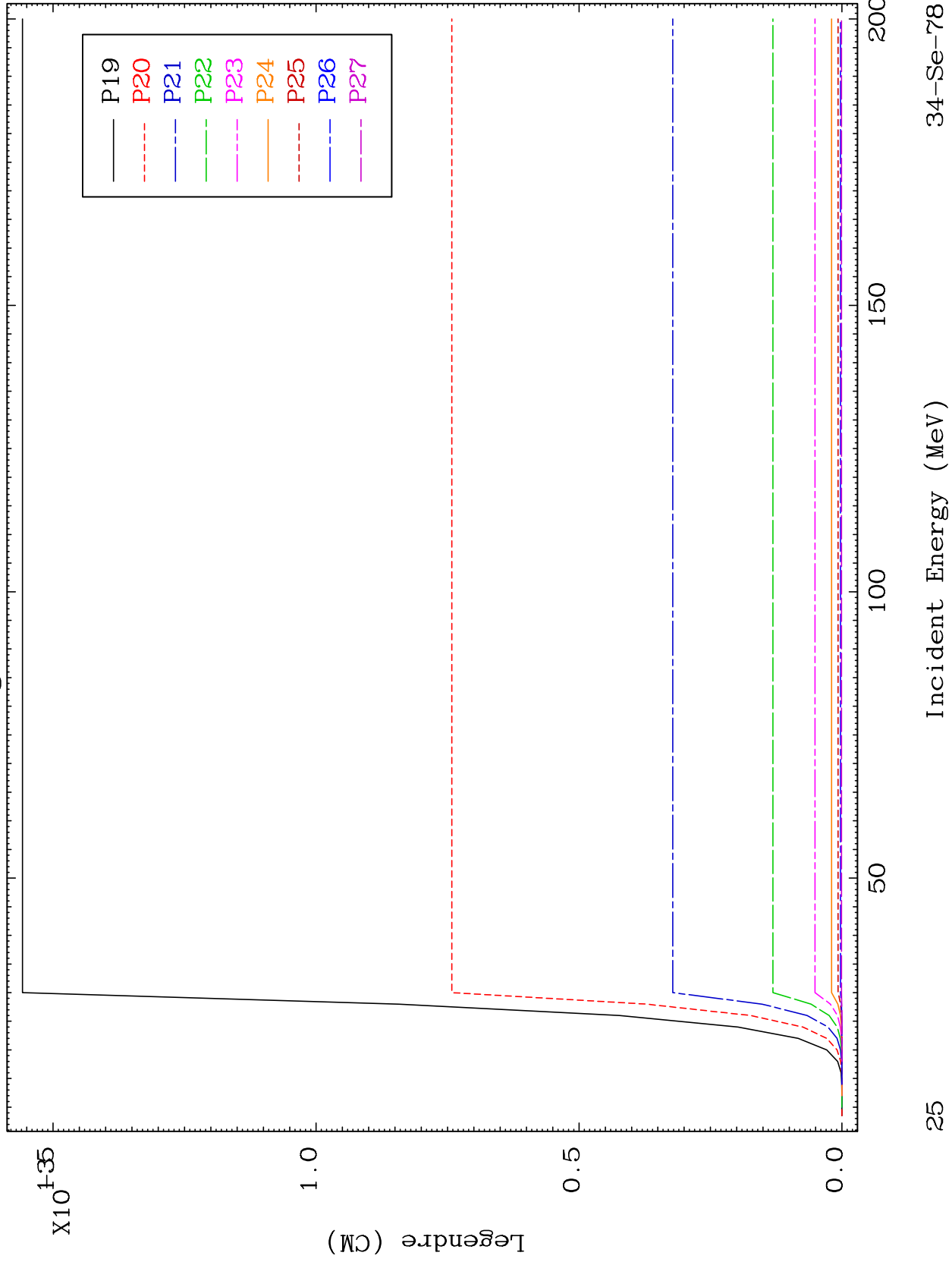
Incident Energy (MeV)

³⁴Se-78

MAT 3437

MT= 52 (n,n') Level
Legendre Coefficients

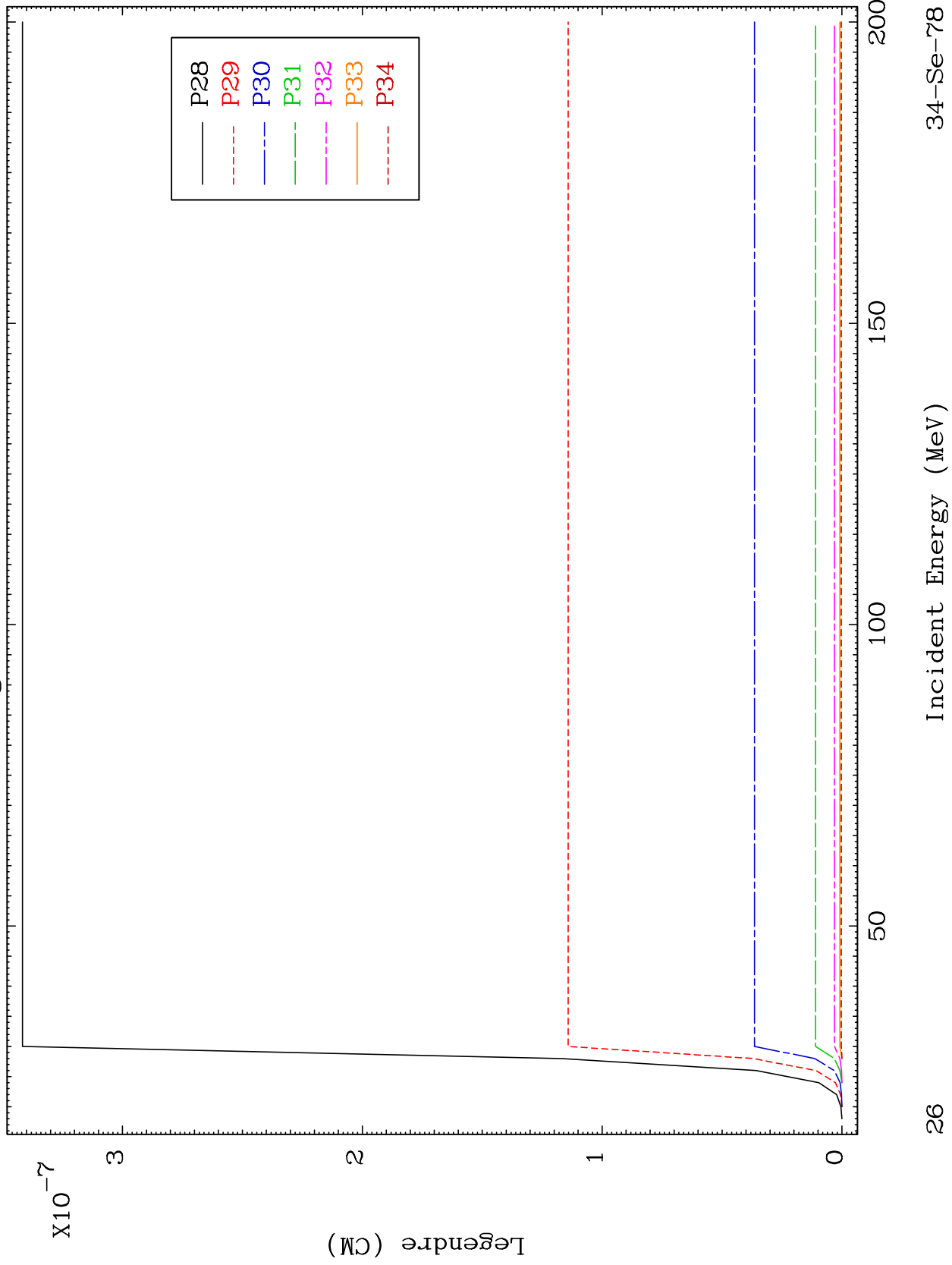
³⁴Se-78



MAT 3437

MT= 52 (n,n') Level
Legendre Coefficients

³⁴Se-78



26

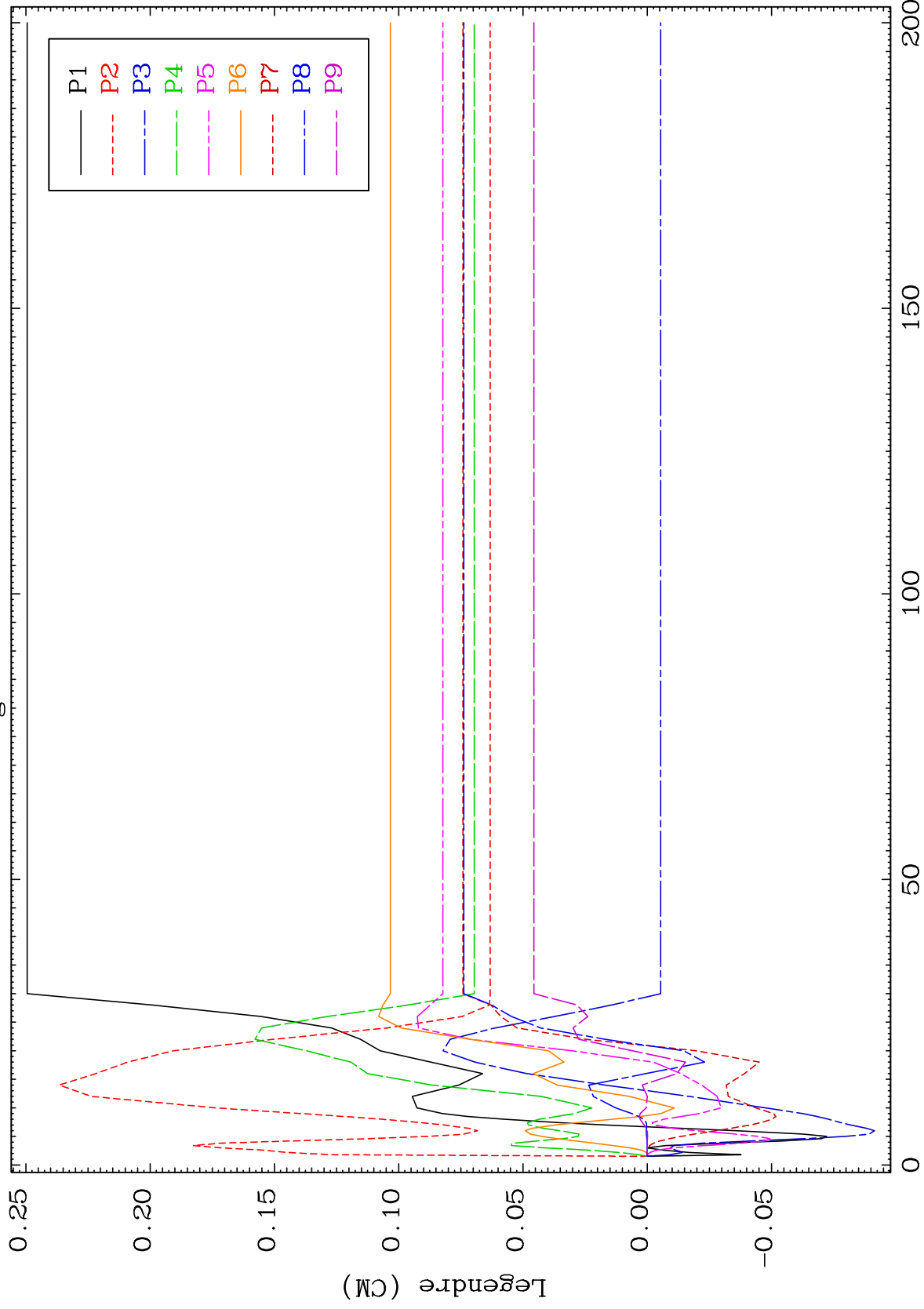
Incident Energy (MeV)

³⁴Se-78

MAT 3437

MT= 53 (n,n') Level
Legendre Coefficients

34-Se-78



27

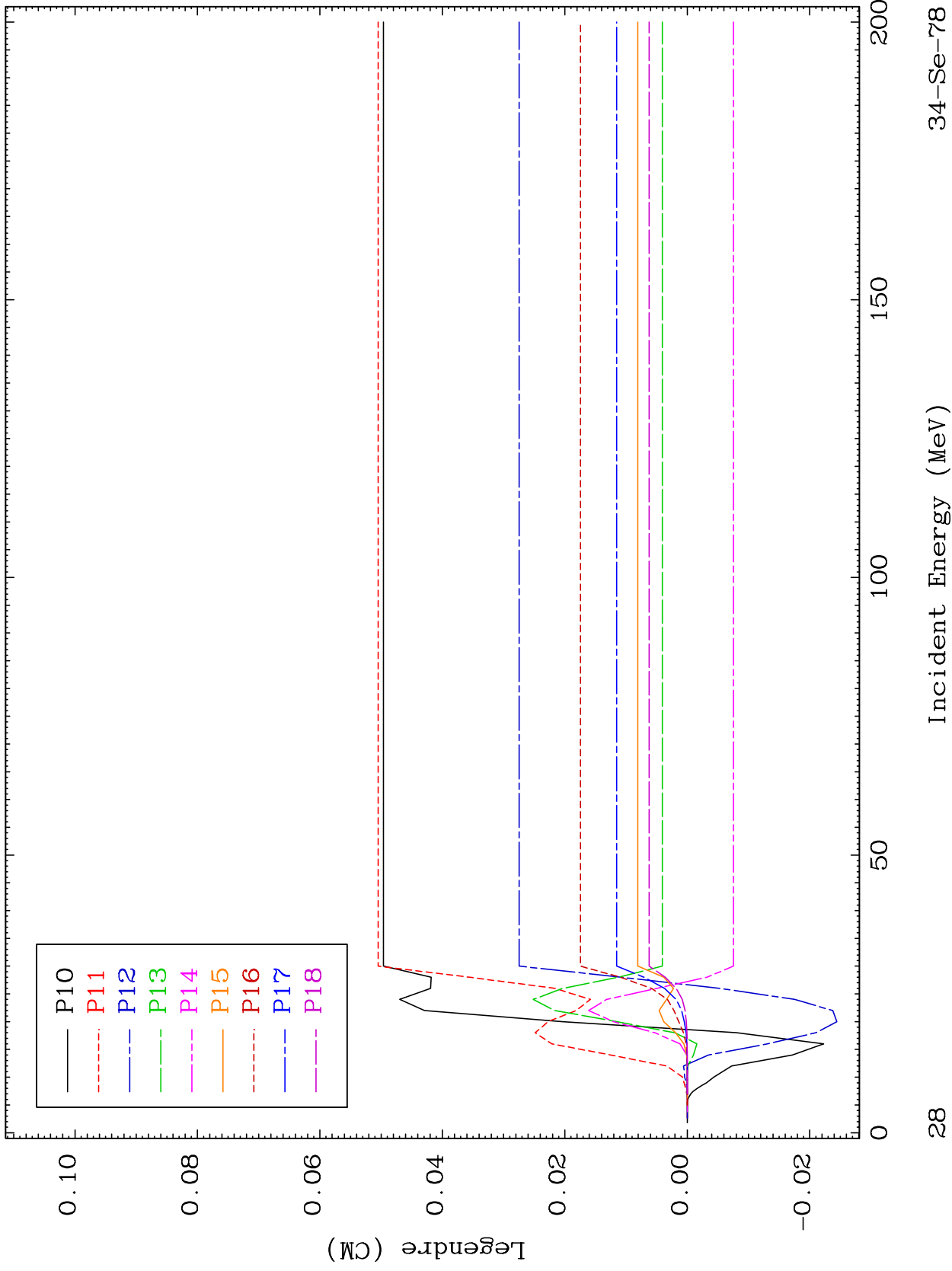
Incident Energy (MeV)

34-Se-78

MAT 3437

MT= 53 (n,n') Level
Legendre Coefficients

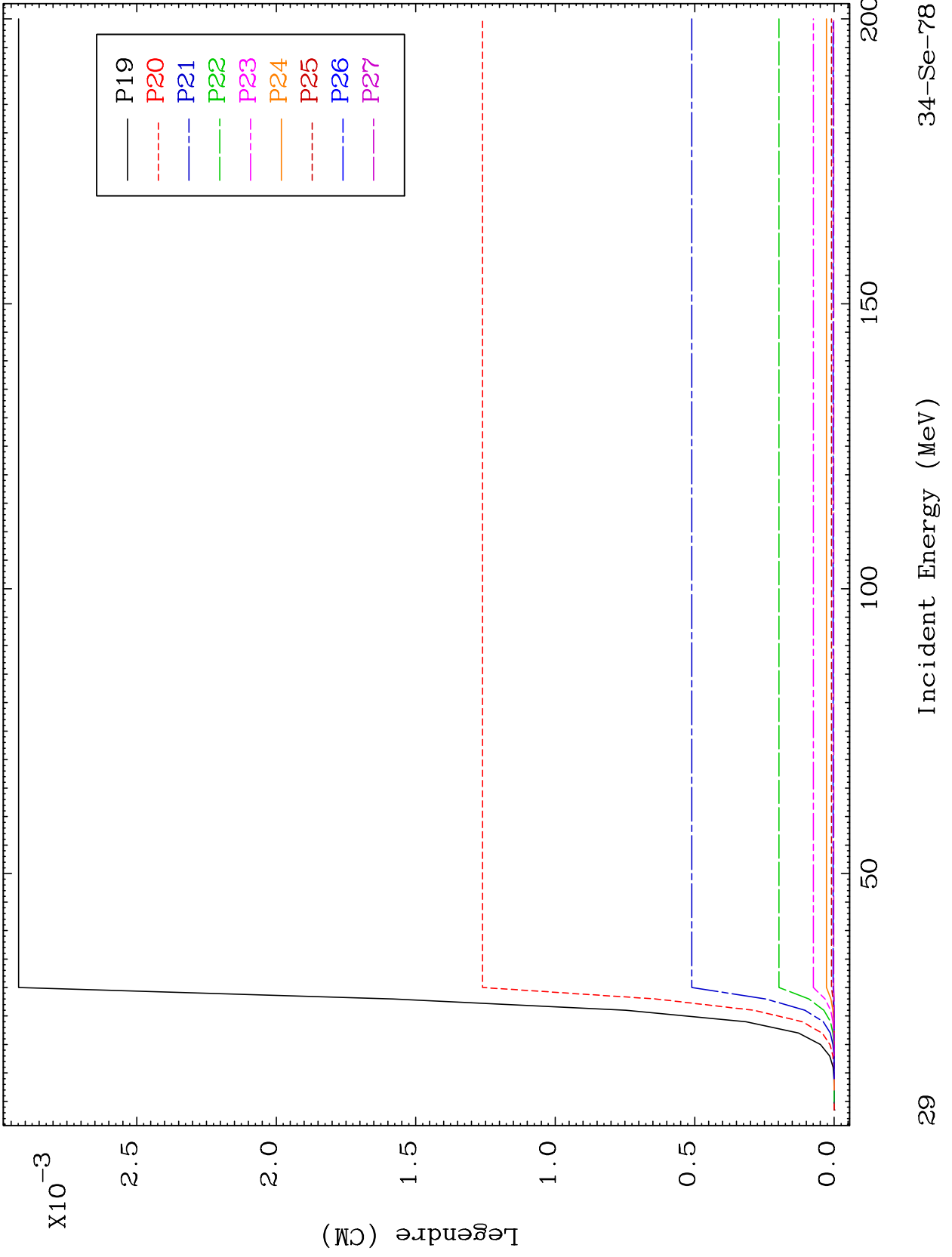
34-Se-78



28

Incident Energy (MeV)

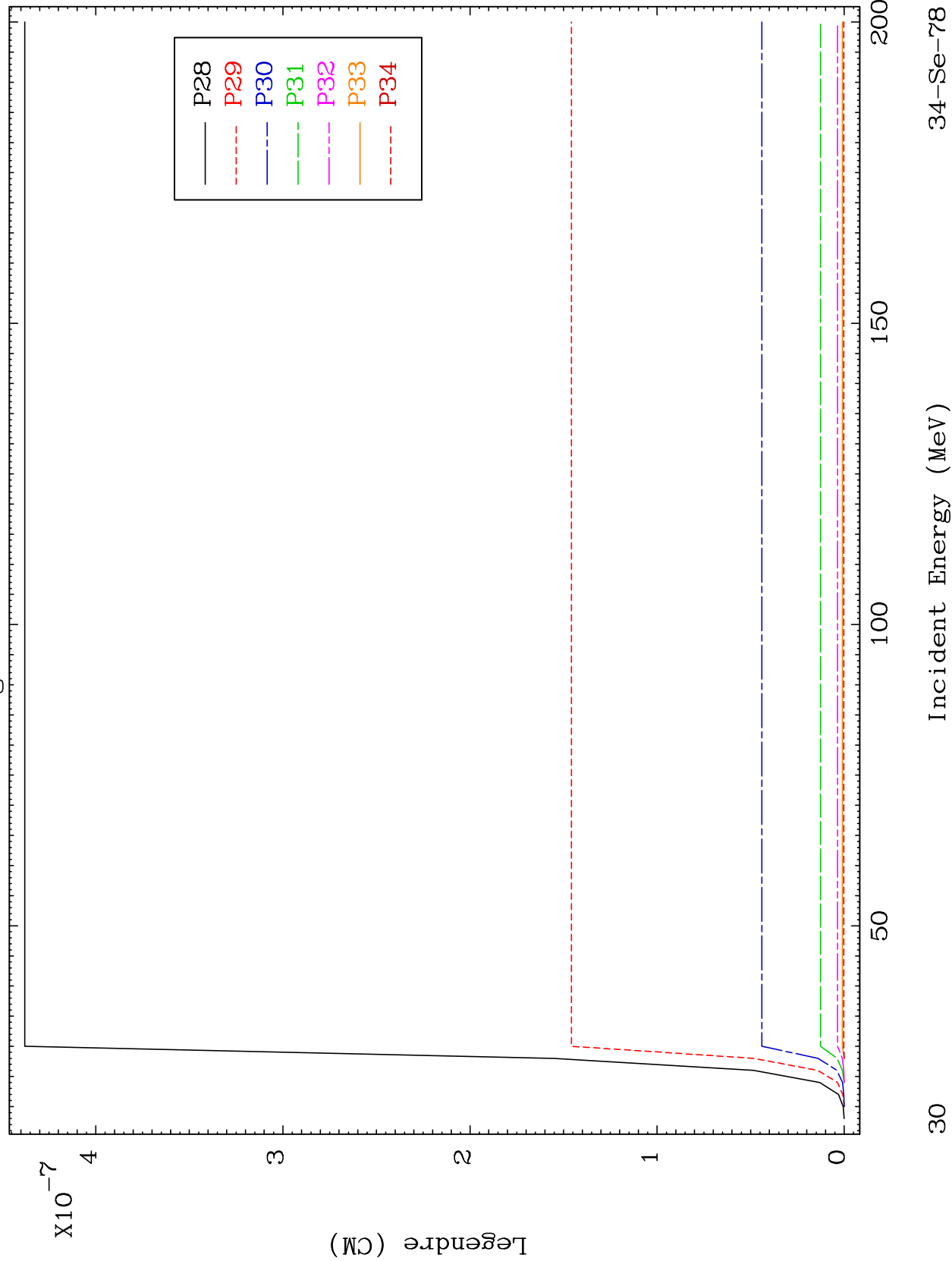
34-Se-78



MAT 3437

MT= 53 (n,n') Level
Legendre Coefficients

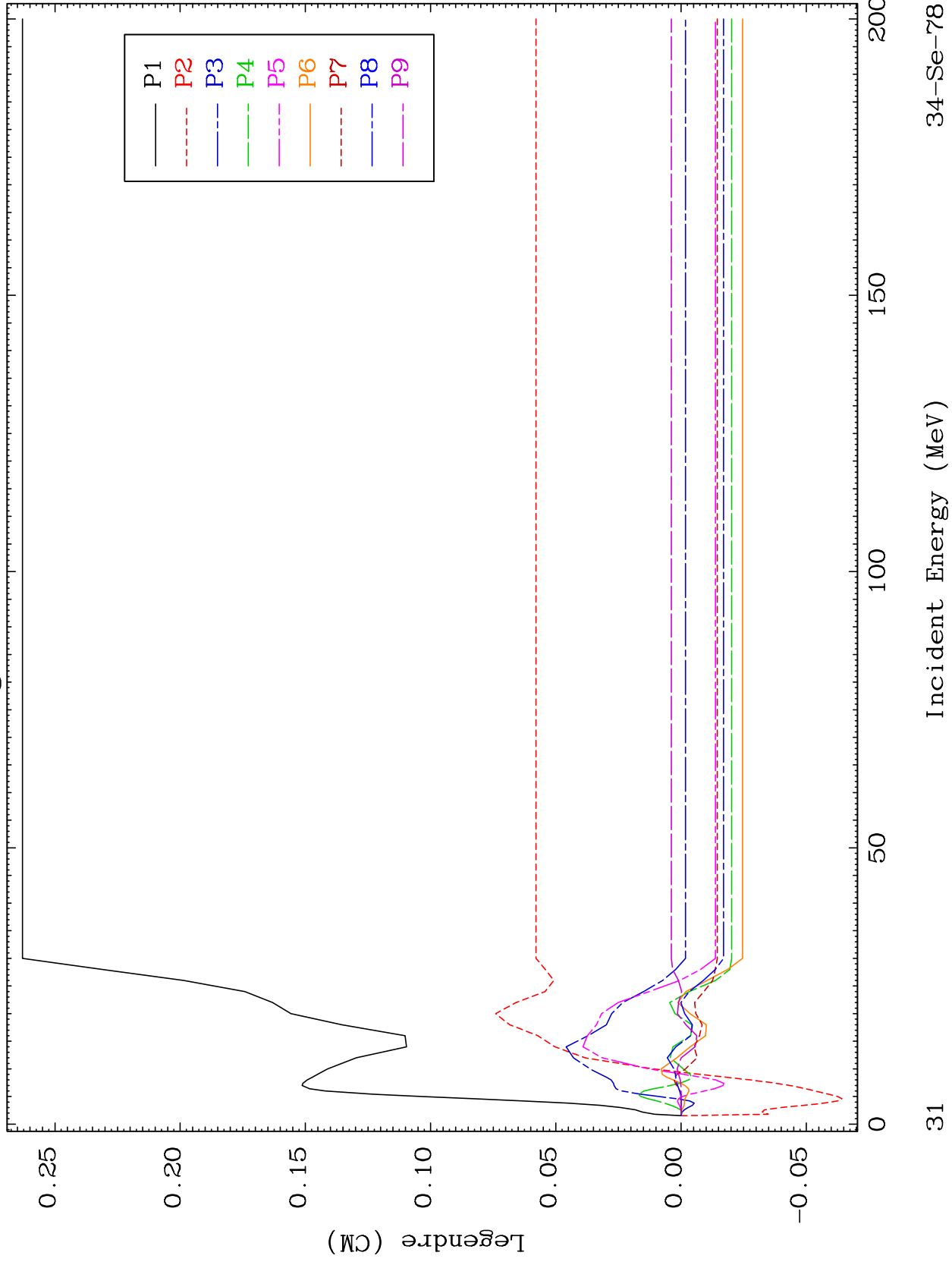
³⁴Se-78



MAT 3437

MT= 54 (n,n') Level
Legendre Coefficients

34-Se-78



31

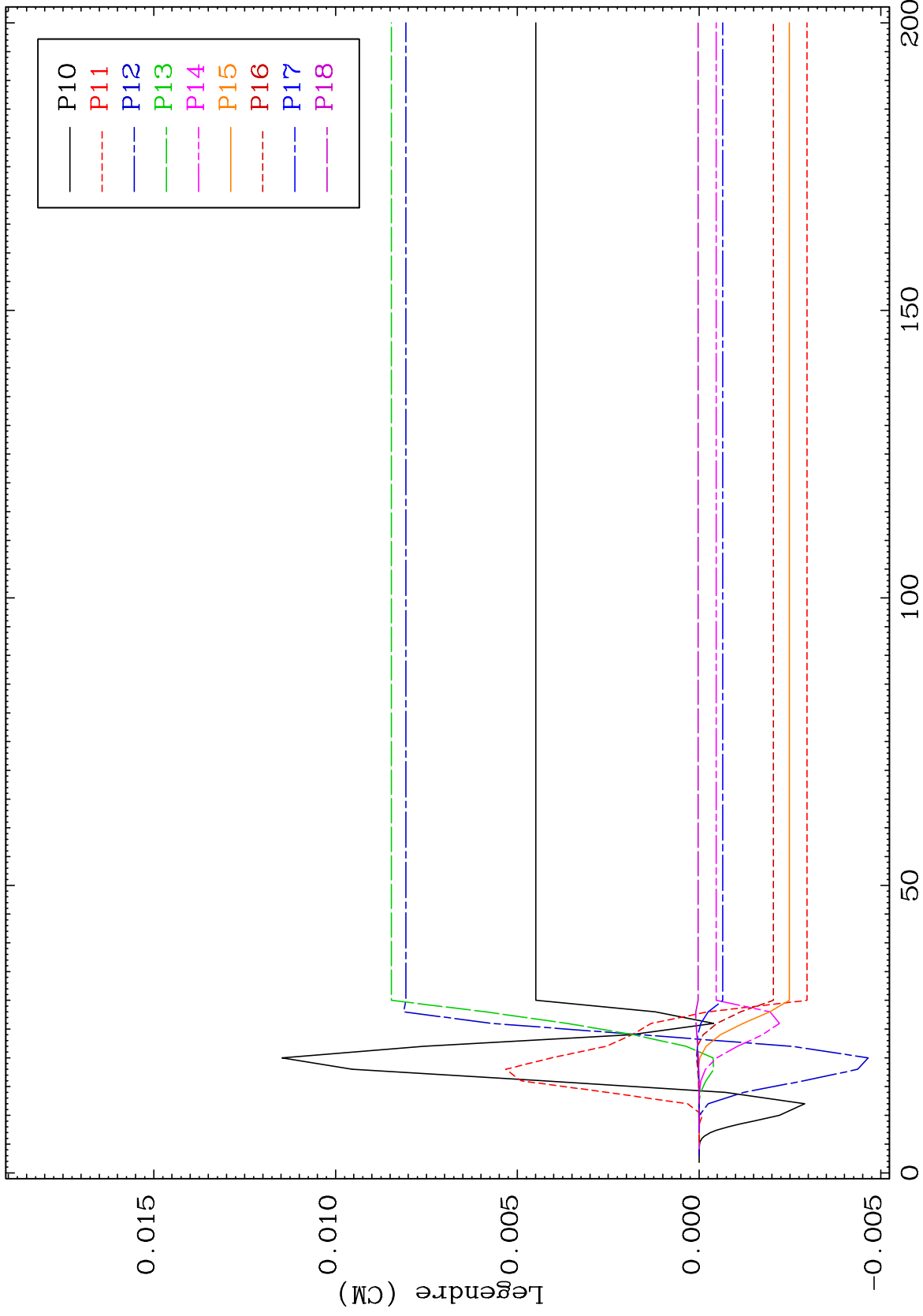
Incident Energy (MeV)

34-Se-78

MAT 3437

MT= 54 (n,n') Level
Legendre Coefficients

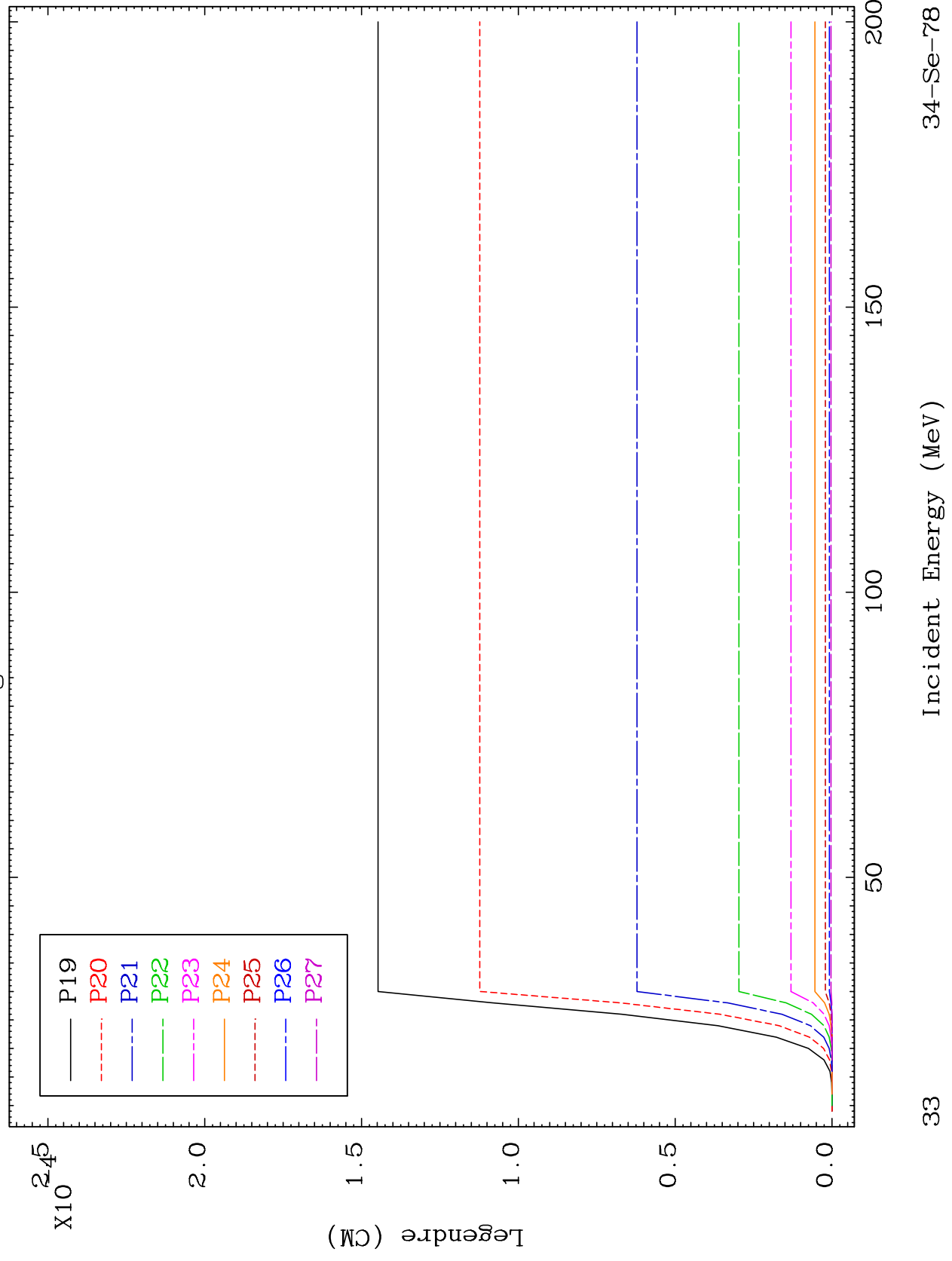
34-Se-78

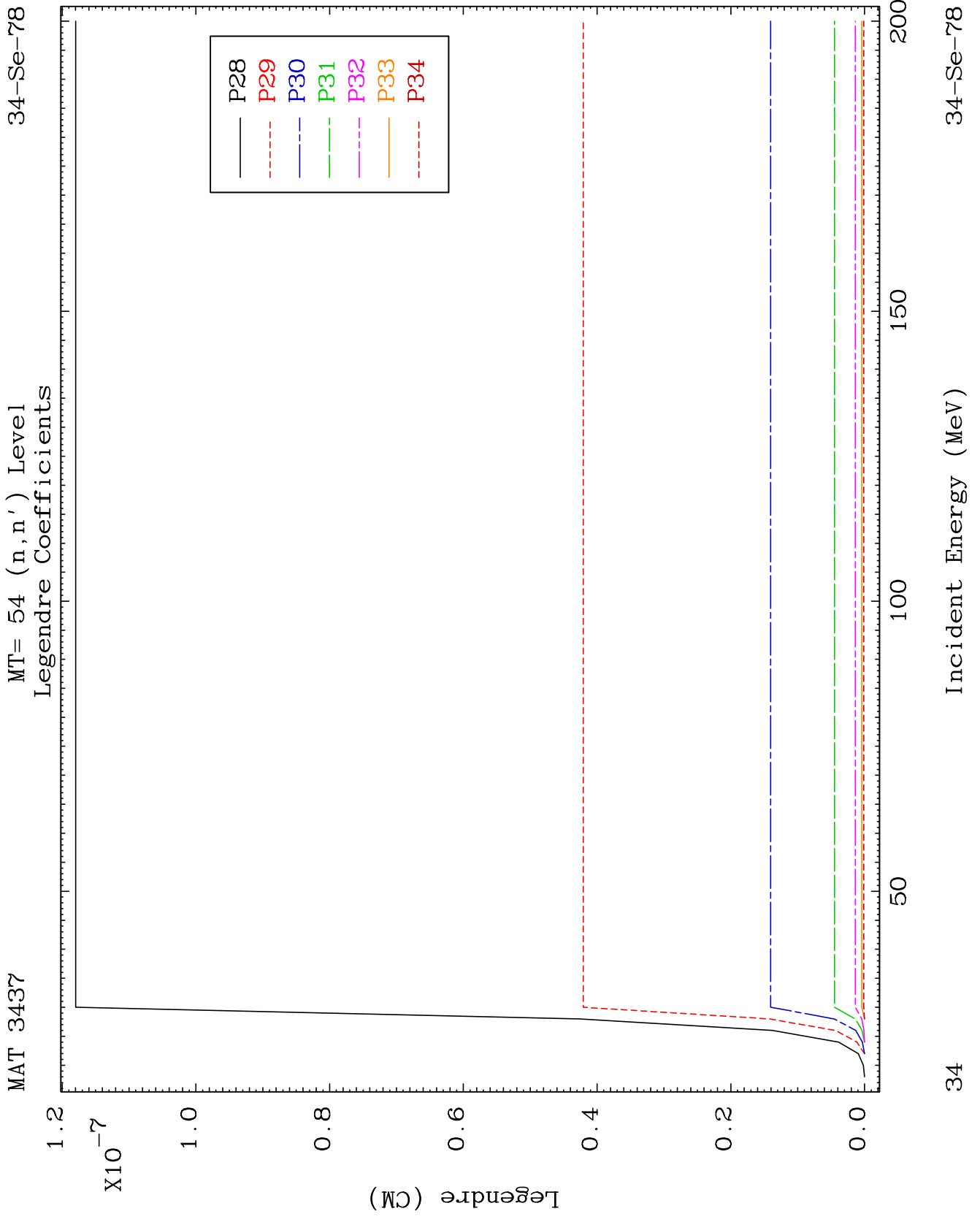


32

Incident Energy (MeV)

34-Se-78

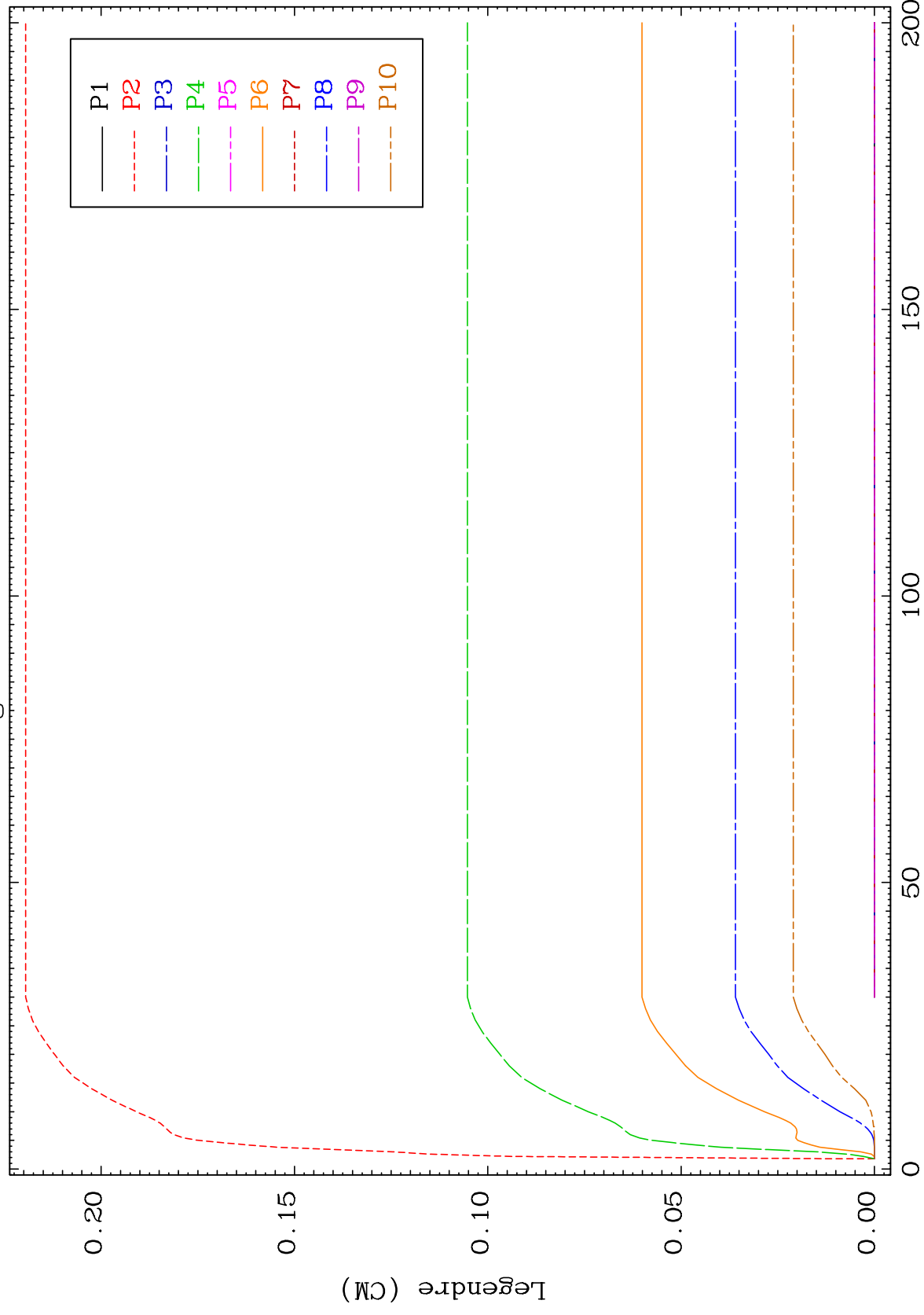




MAT 3437

MT= 55 (n,n') Level
Legendre Coefficients

³⁴Se-78



35

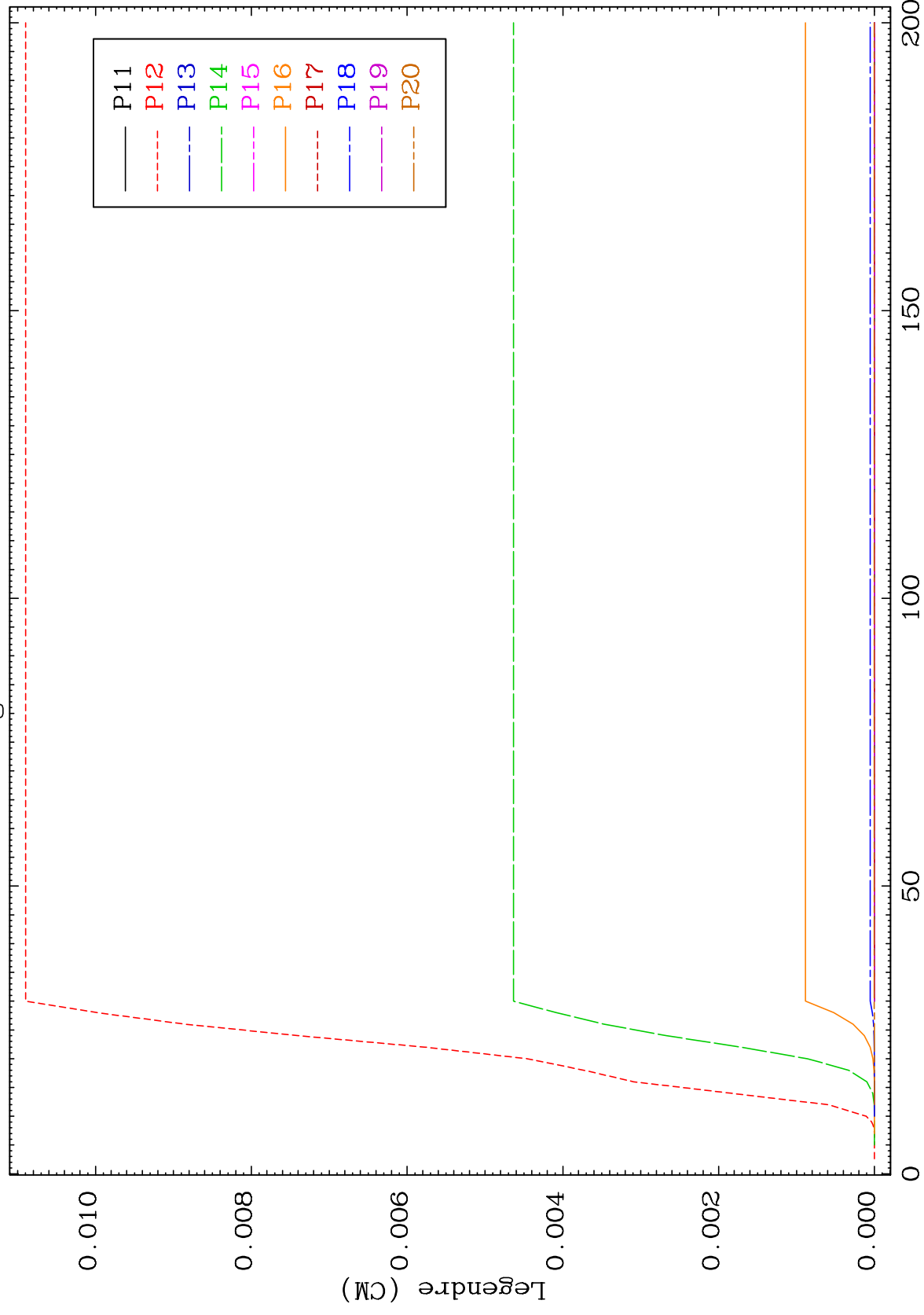
Incident Energy (MeV)

³⁴Se-78

MAT 3437

MT= 55 (n,n') Level
Legendre Coefficients

34-Se-78



36

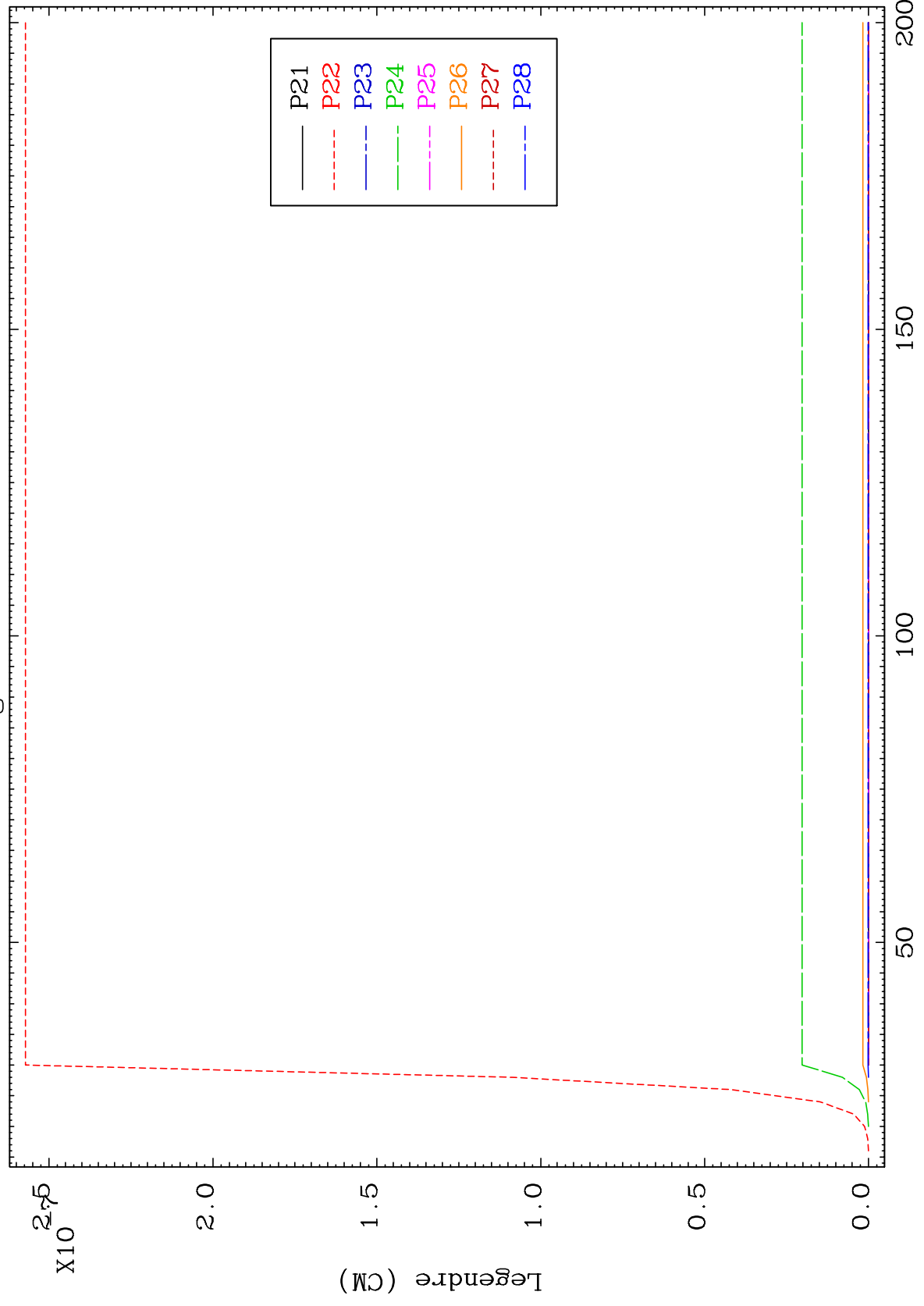
Incident Energy (MeV)

34-Se-78

MAT 3437

MT= 55 (n,n') Level
Legendre Coefficients

34-Se-78



37

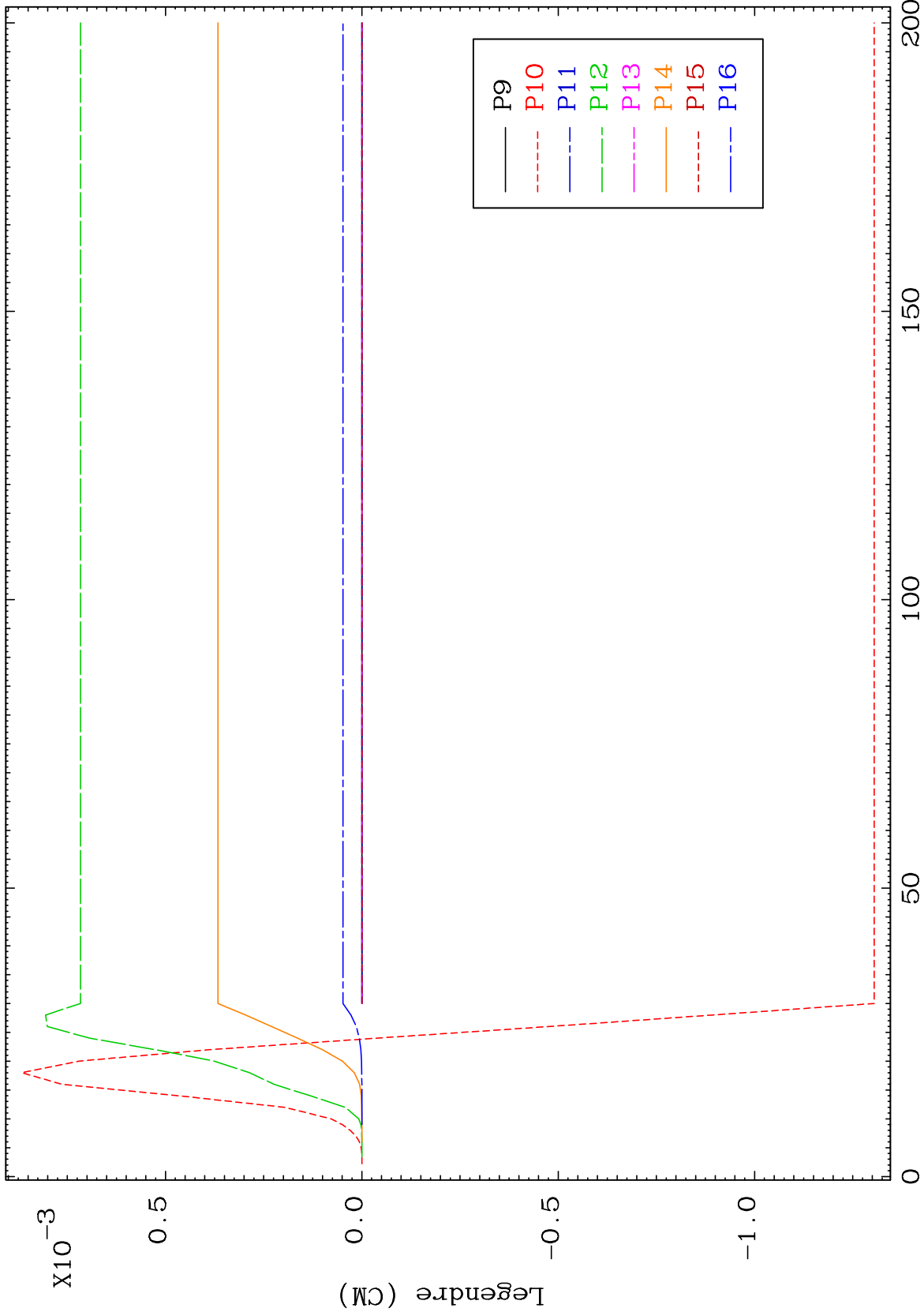
Incident Energy (MeV)

34-Se-78

MAT 3437

MT= 56 (n,n') Level
Legendre Coefficients

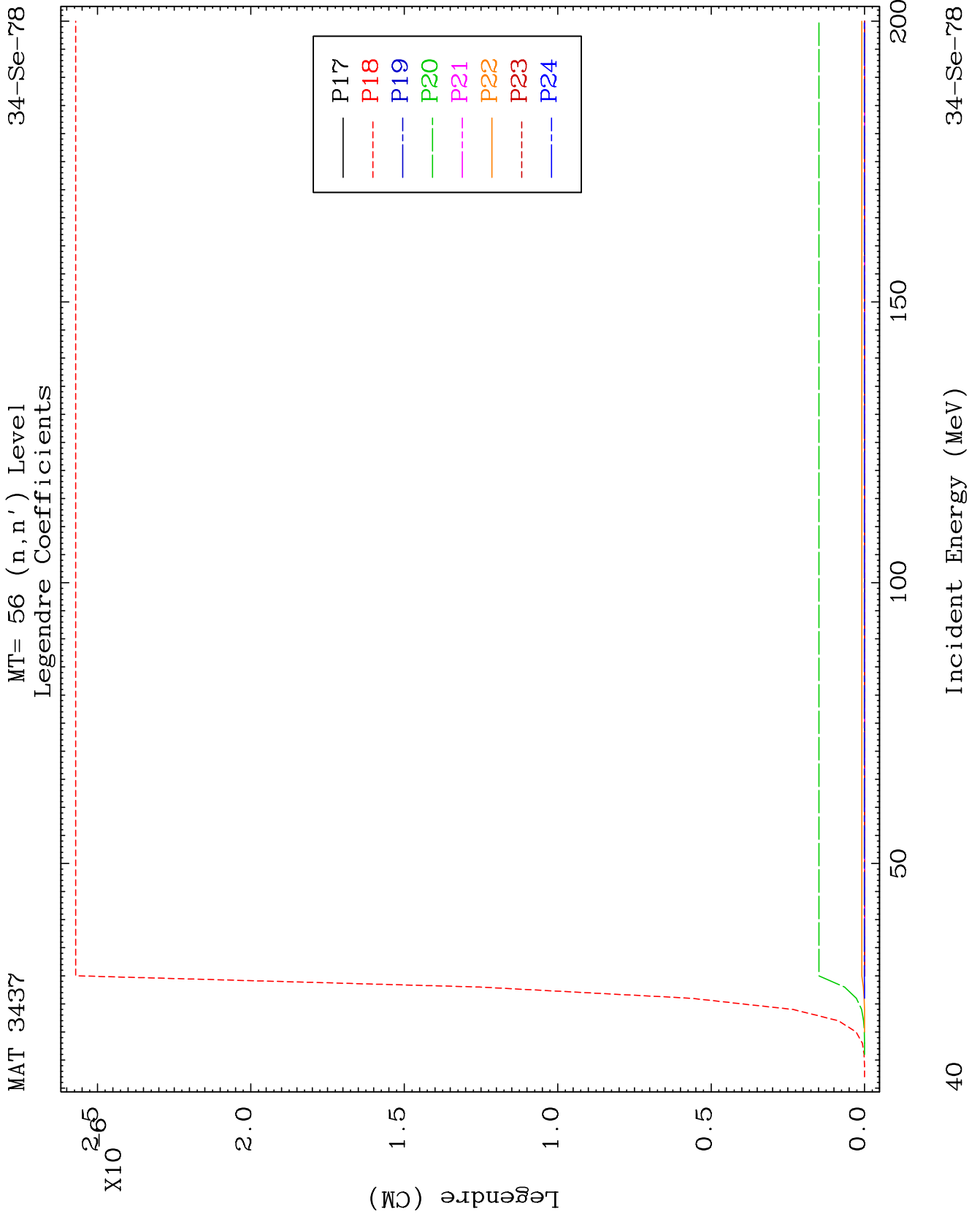
³⁴Se-78



39

Incident Energy (MeV)

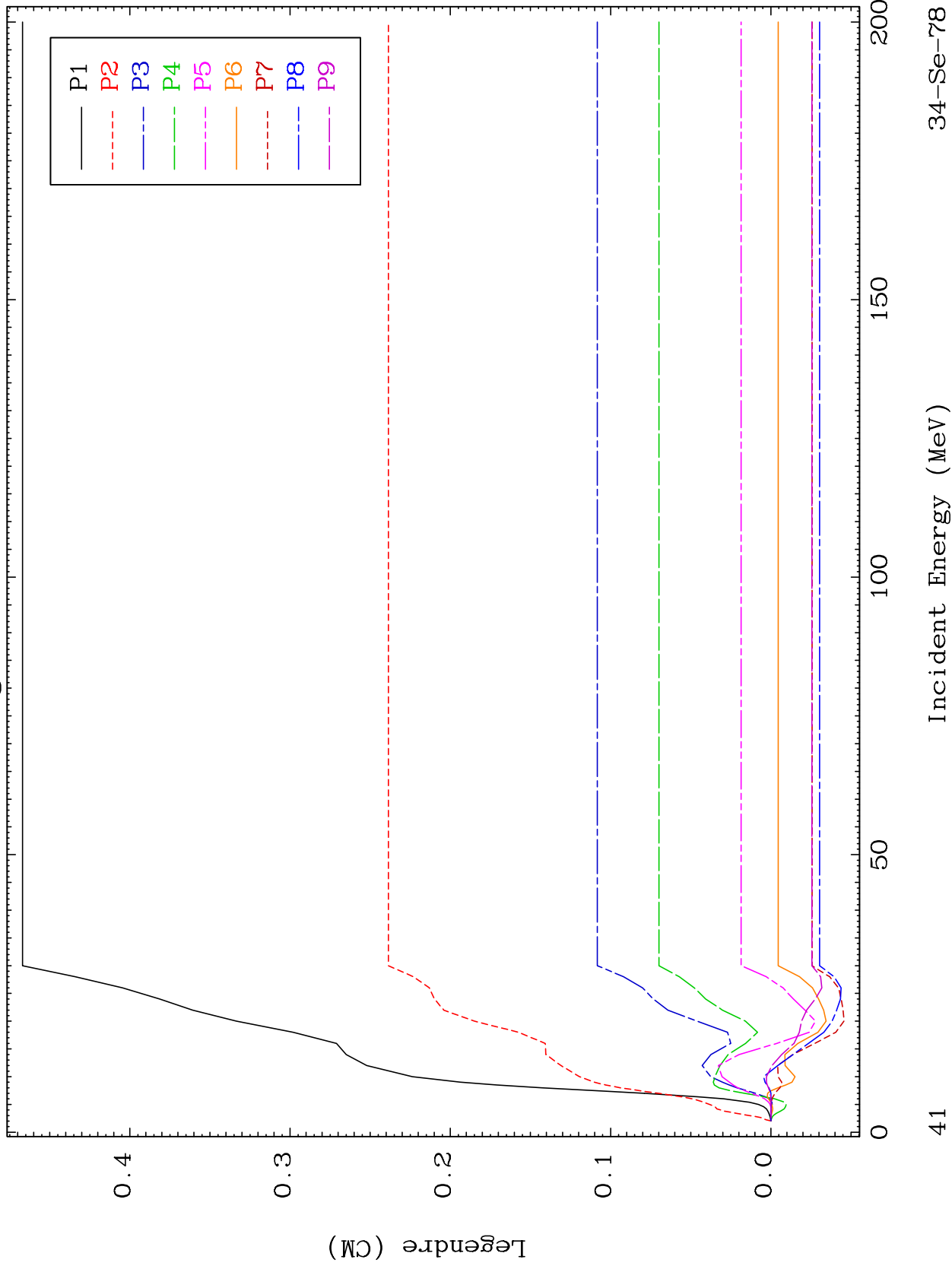
³⁴Se-78



MAT 3437

MT= 57 (n,n') Level
Legendre Coefficients

³⁴Se-78



41

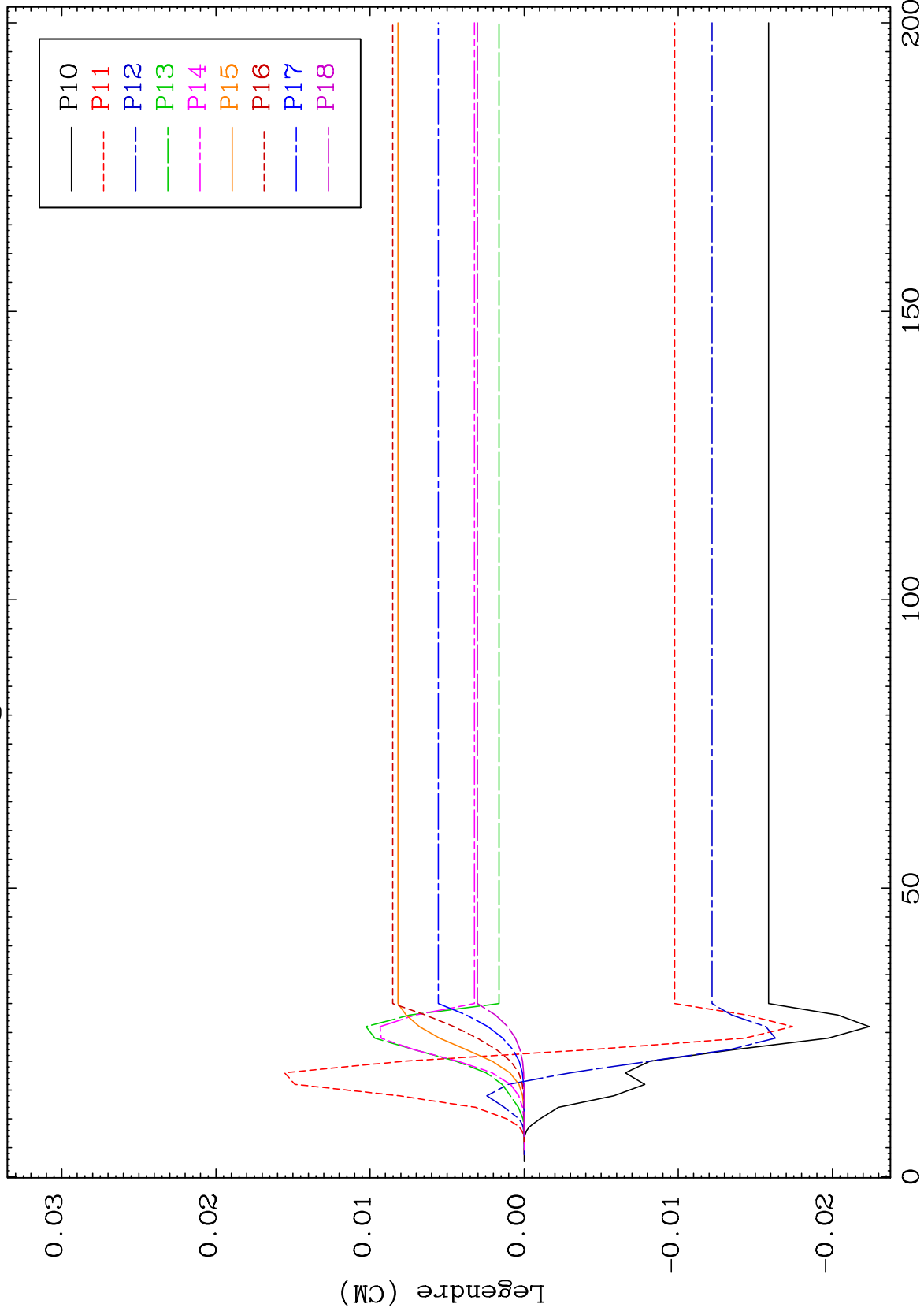
Incident Energy (MeV)

³⁴Se-78

MAT 3437

MT= 57 (n,n') Level
Legendre Coefficients

34-Se-78



42

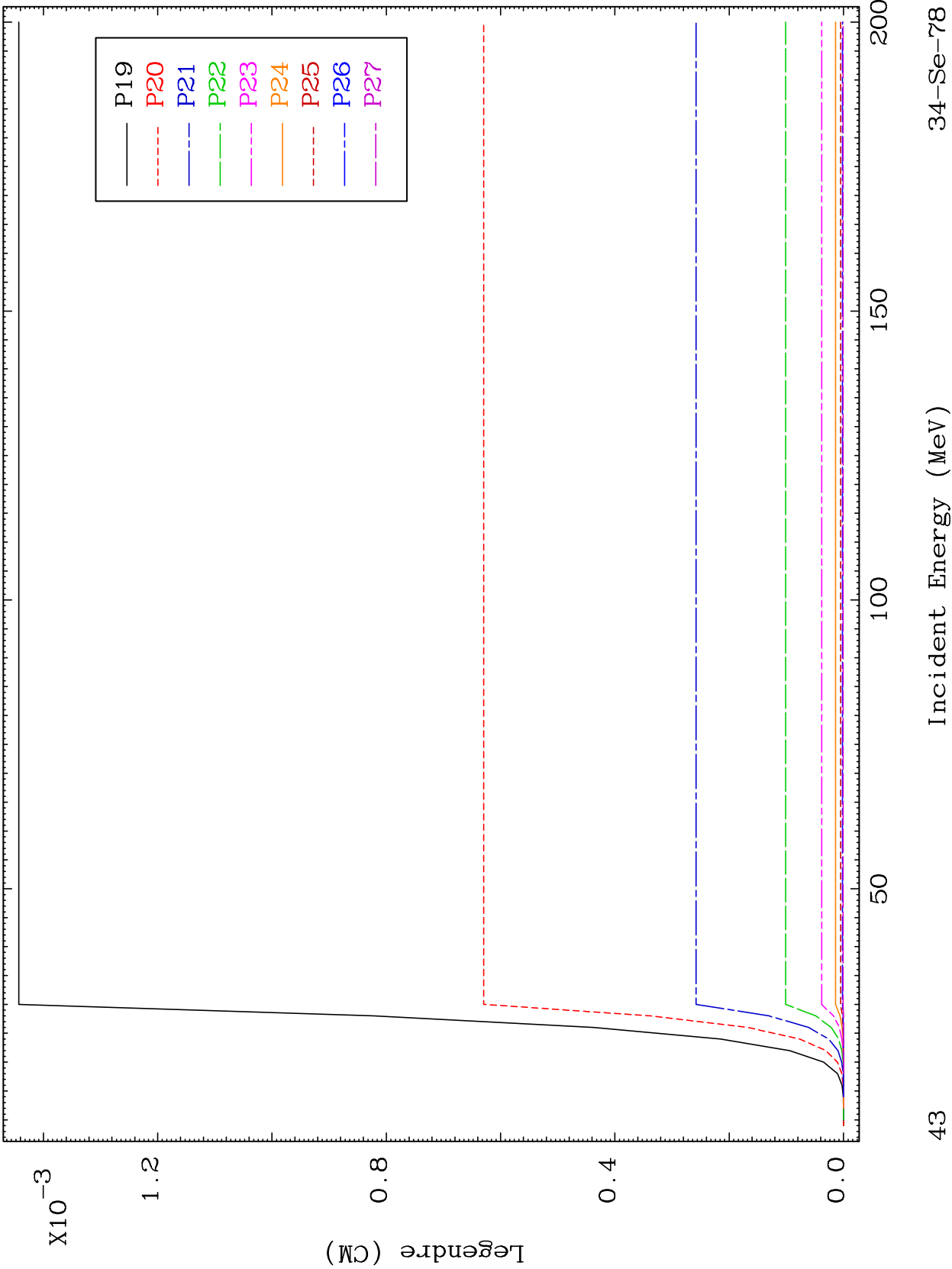
Incident Energy (MeV)

34-Se-78

MAT 3437

MT= 57 (n,n') Level
Legendre Coefficients

34-Se-78



43

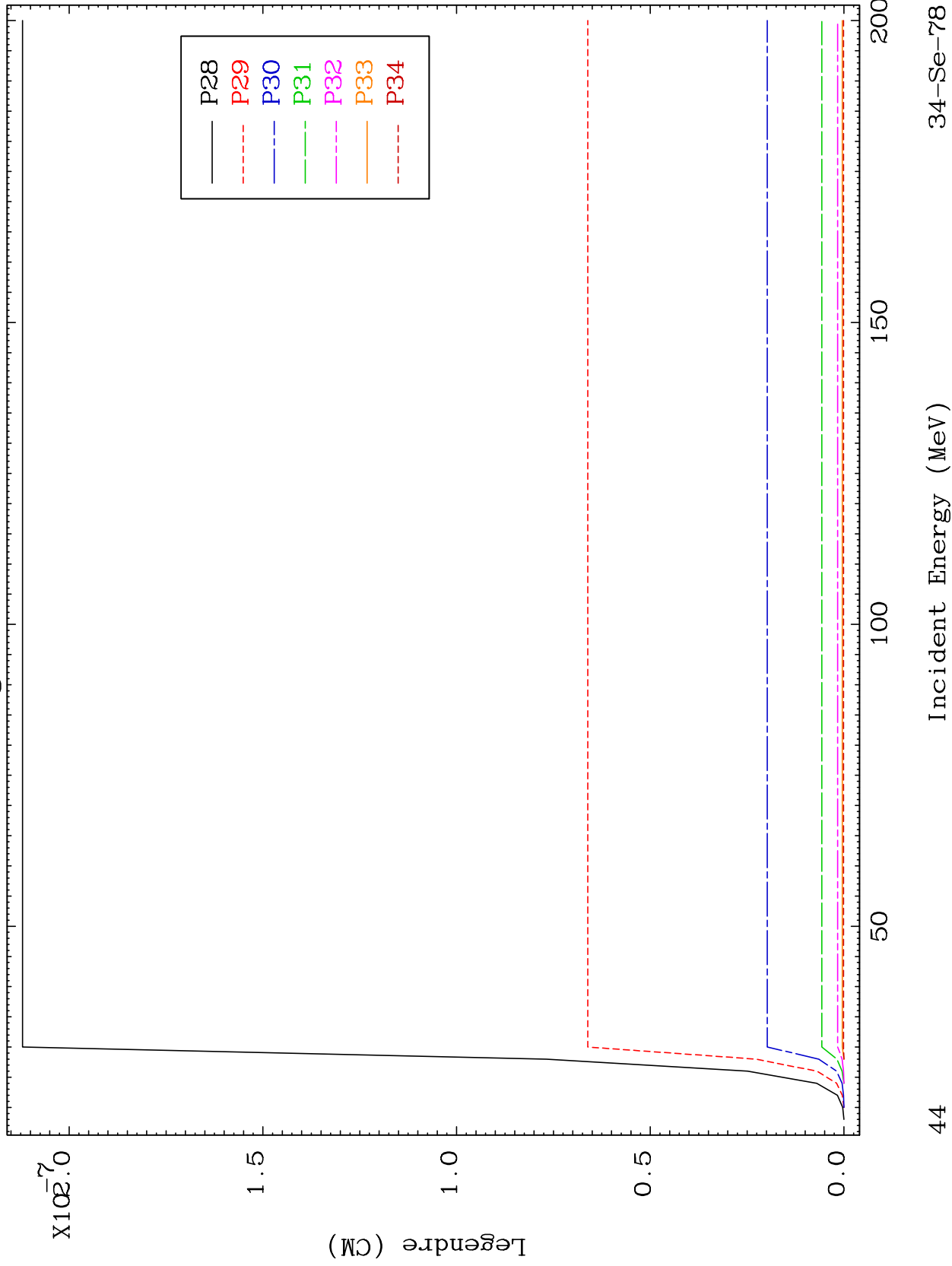
Incident Energy (MeV)

34-Se-78

MAT 3437

MT= 57 (n,n') Level
Legendre Coefficients

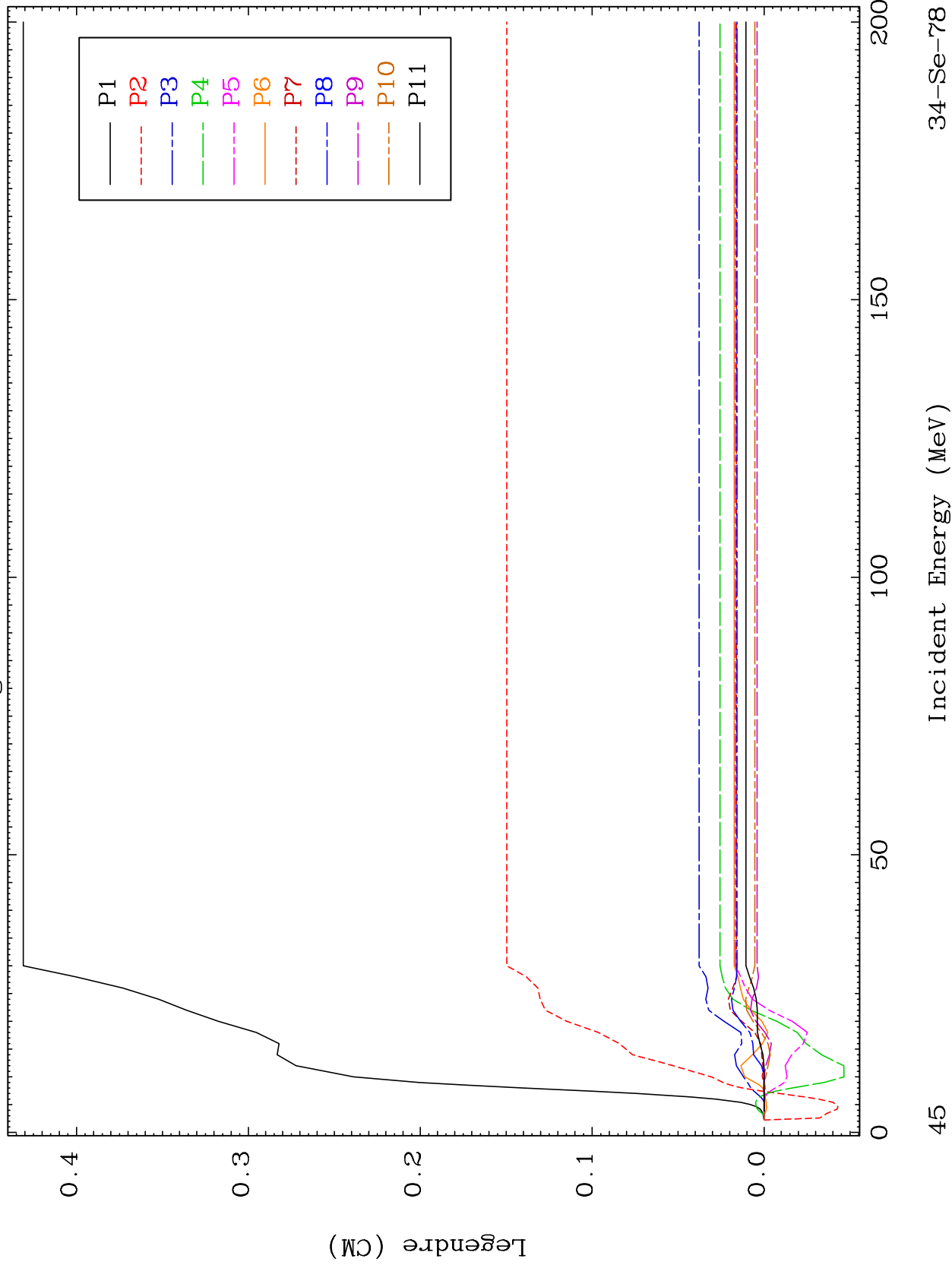
34-Se-78



MAT 3437

MT= 58 (n,n') Level
Legendre Coefficients

³⁴Se-78



³⁴Se-78

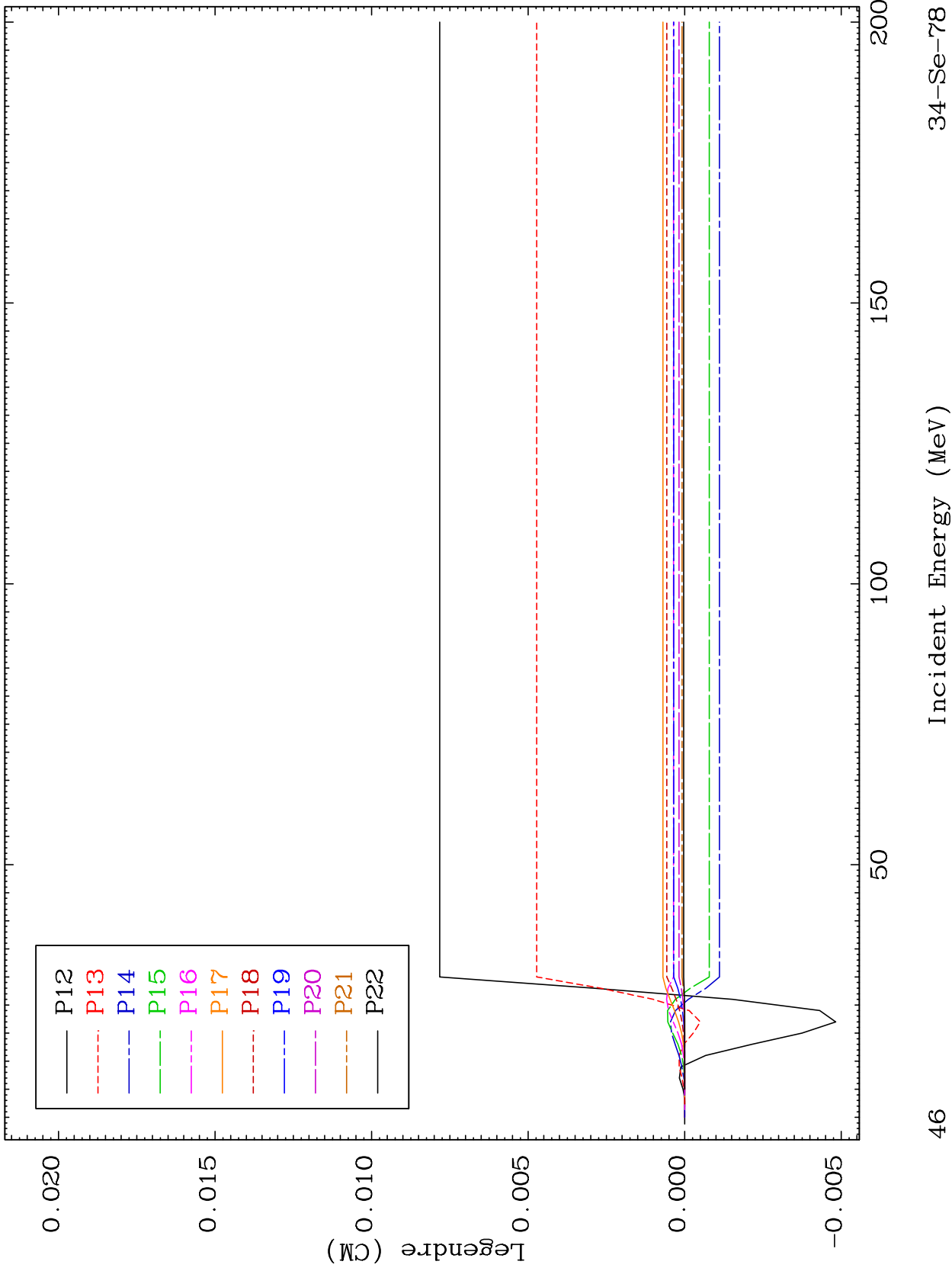
Incident Energy (MeV)

45

MAT 3437

MT= 58 (n,n') Level
Legendre Coefficients

34-Se-78



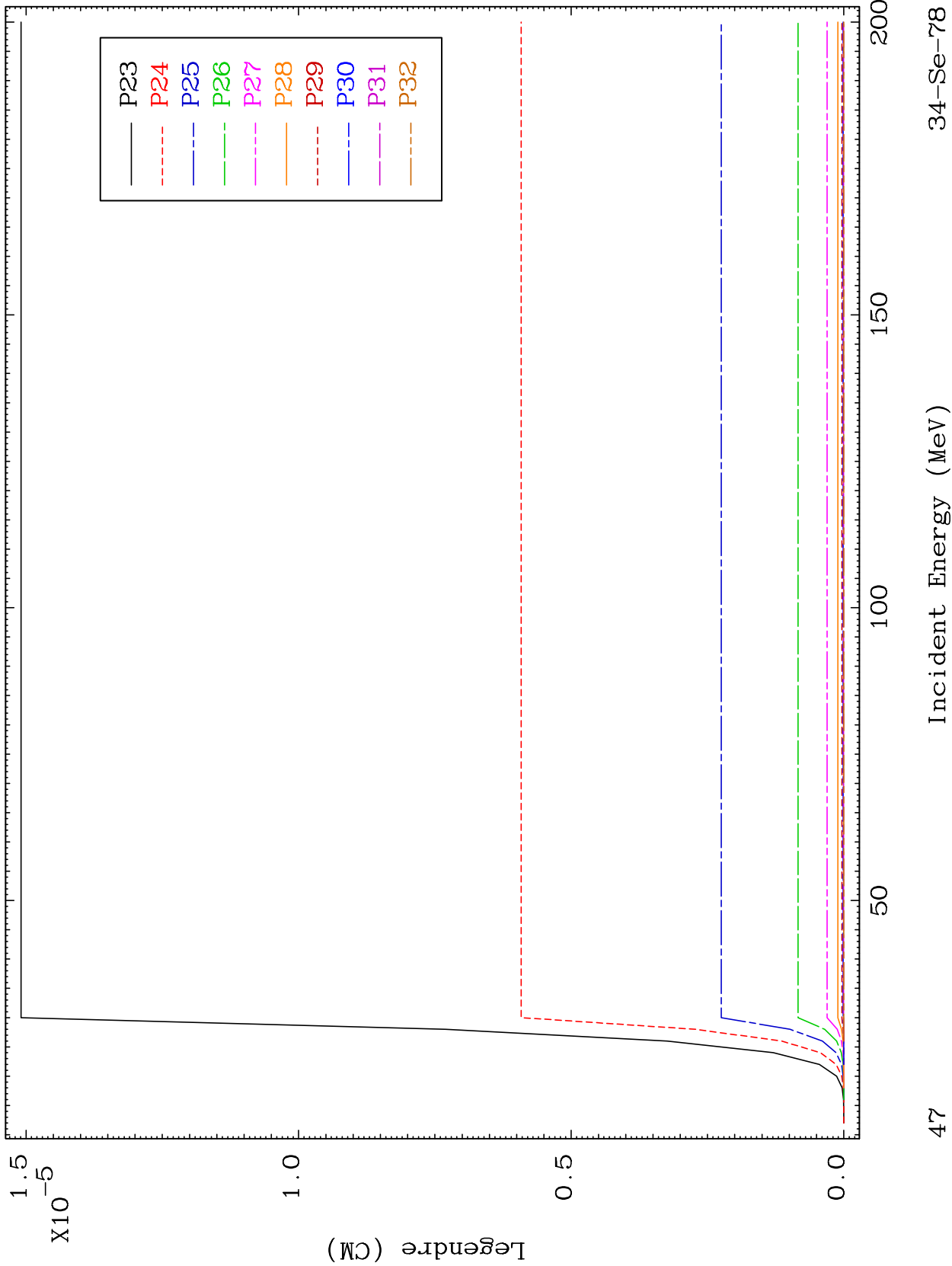
46

34-Se-78

MAT 3437

MT= 58 (n,n') Level
Legendre Coefficients

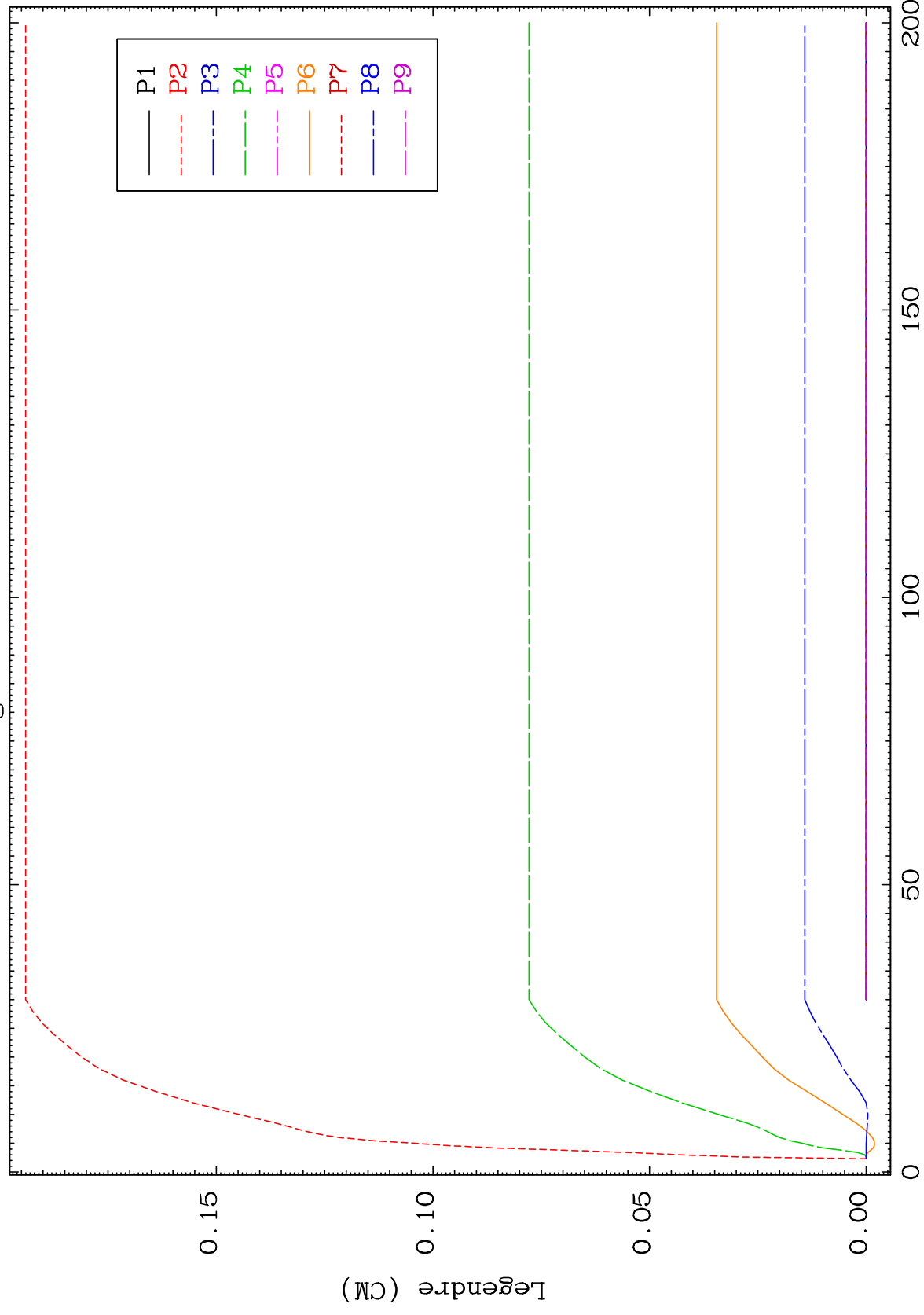
34-Se-78



MAT 3437

MT= 59 (n,n') Level
Legendre Coefficients

34-Se-78



48

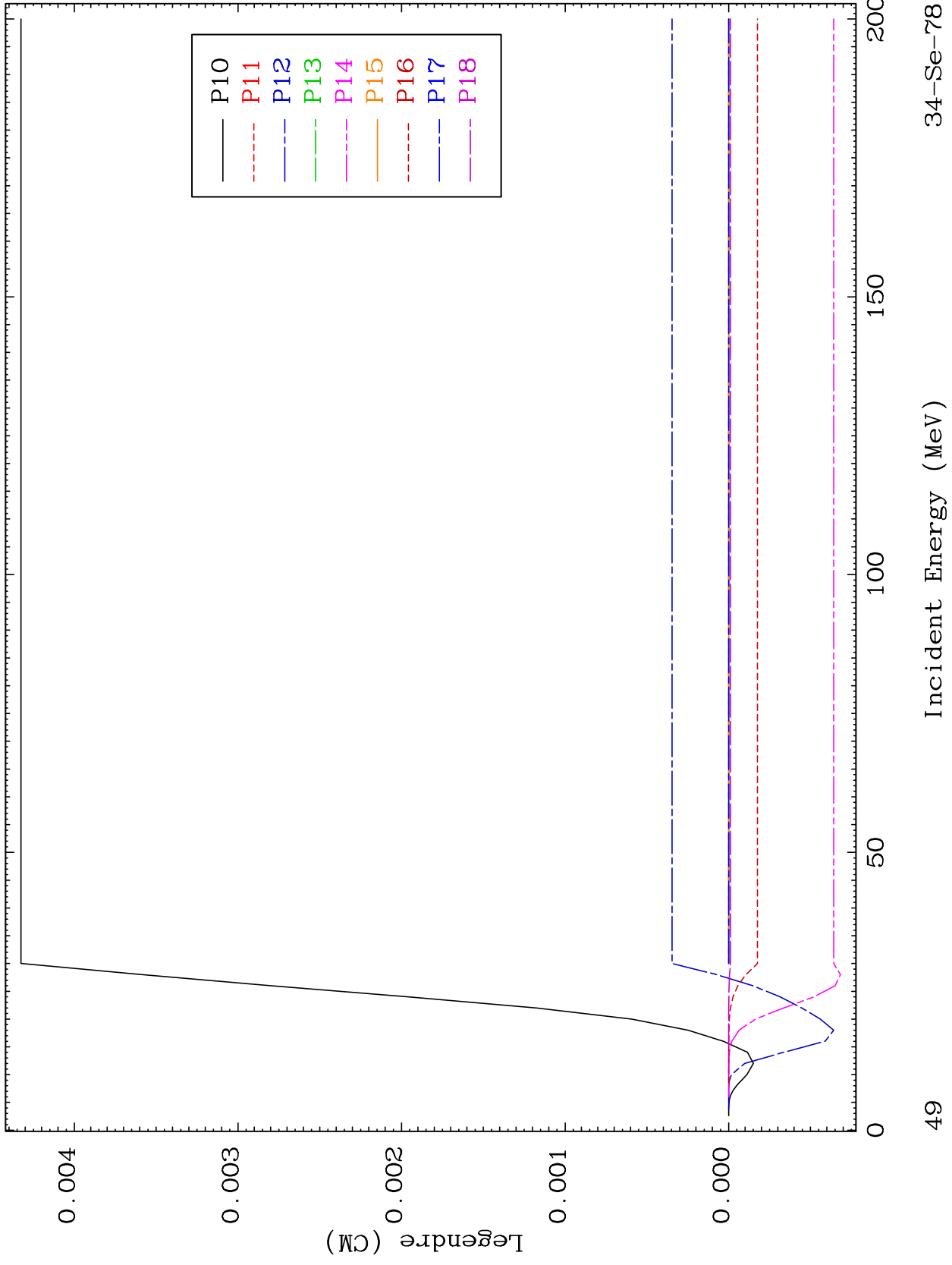
Incident Energy (MeV)

34-Se-78

MAT 3437

MT= 59 (n,n') Level
Legendre Coefficients

³⁴Se-78



49

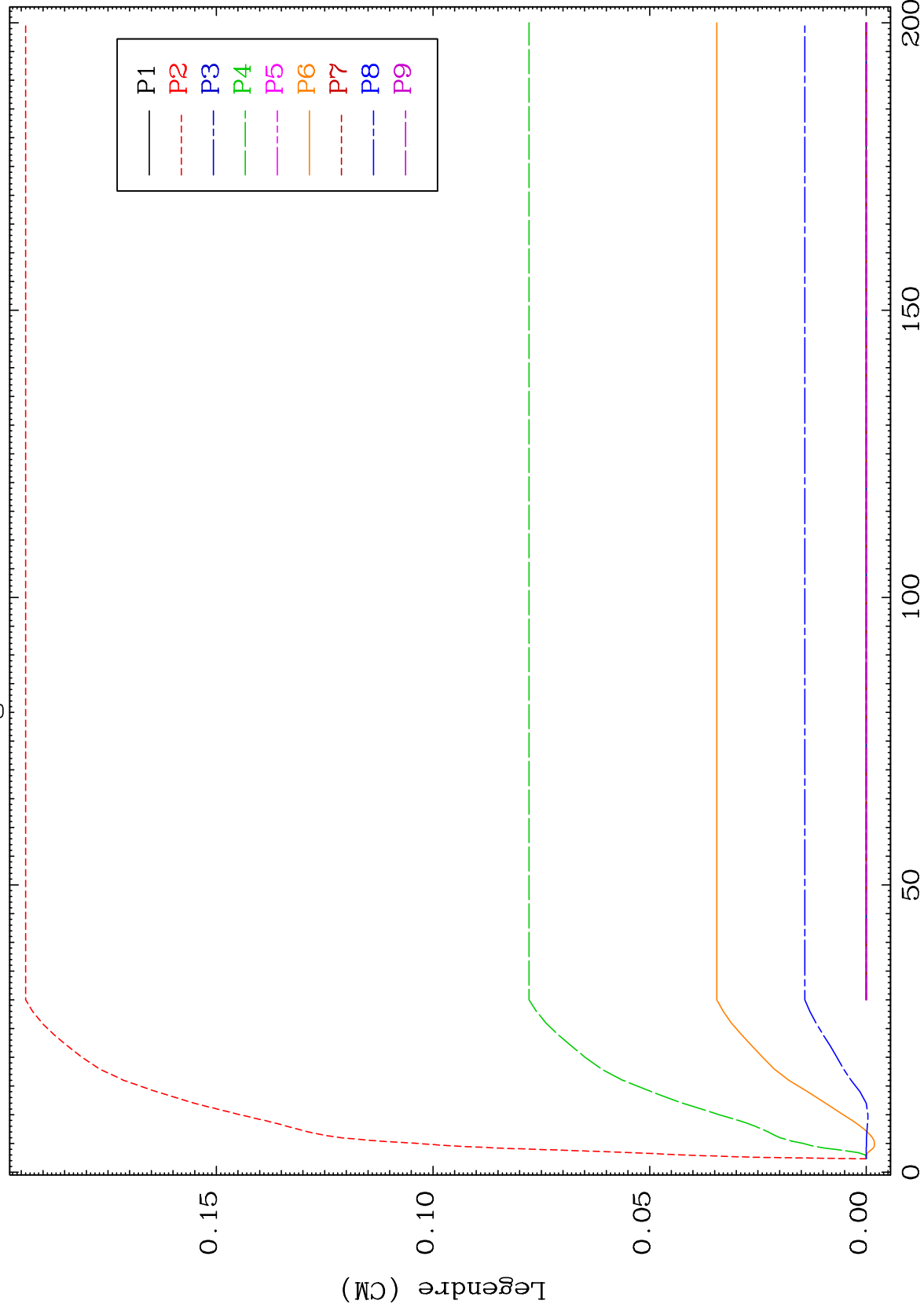
Incident Energy (MeV)

³⁴Se-78

MAT 3437

MT= 60 (n,n') Level
Legendre Coefficients

34-Se-78



51

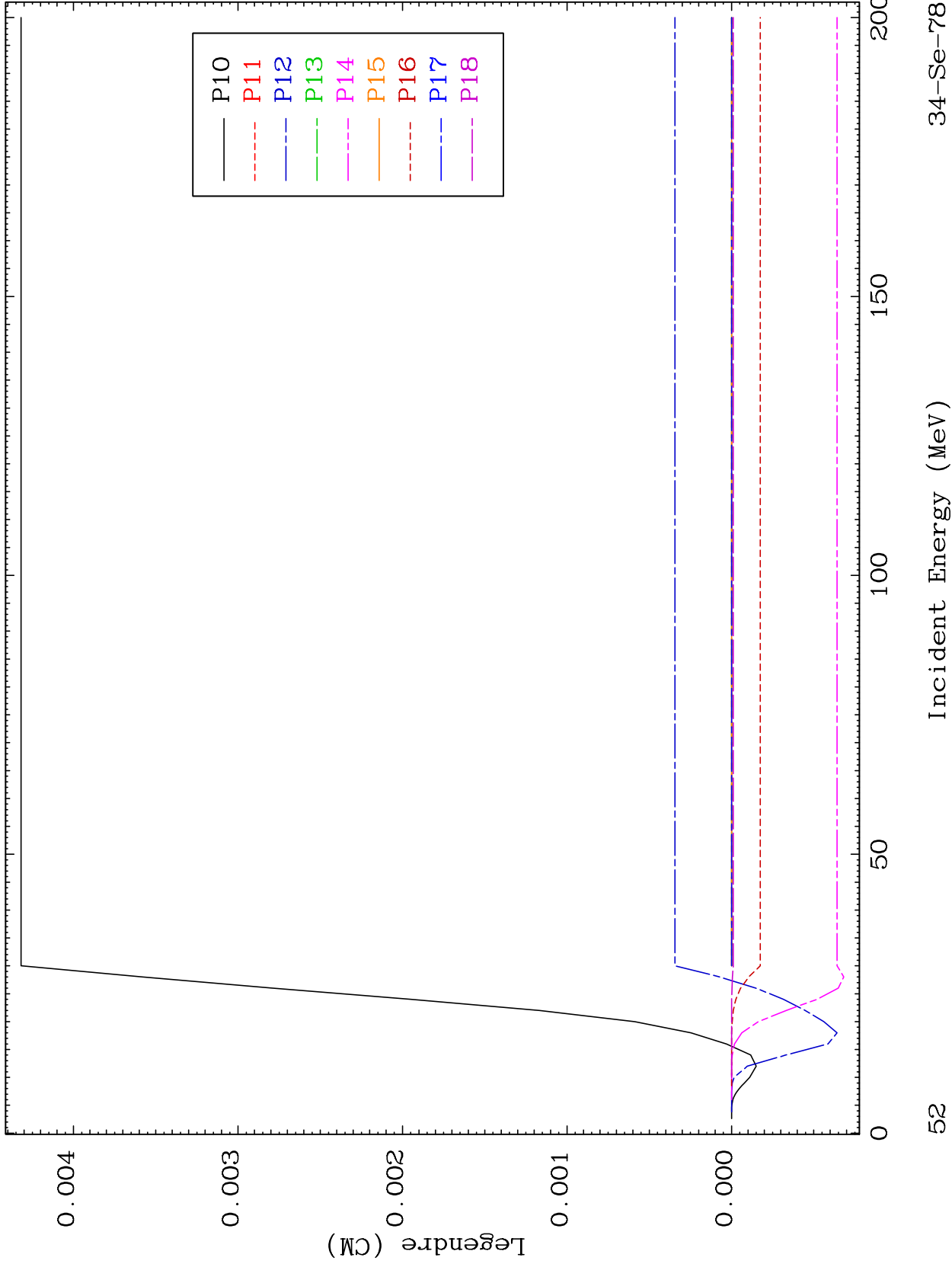
Incident Energy (MeV)

34-Se-78

MAT 3437

MT= 60 (n,n') Level
Legendre Coefficients

³⁴Se-78



52

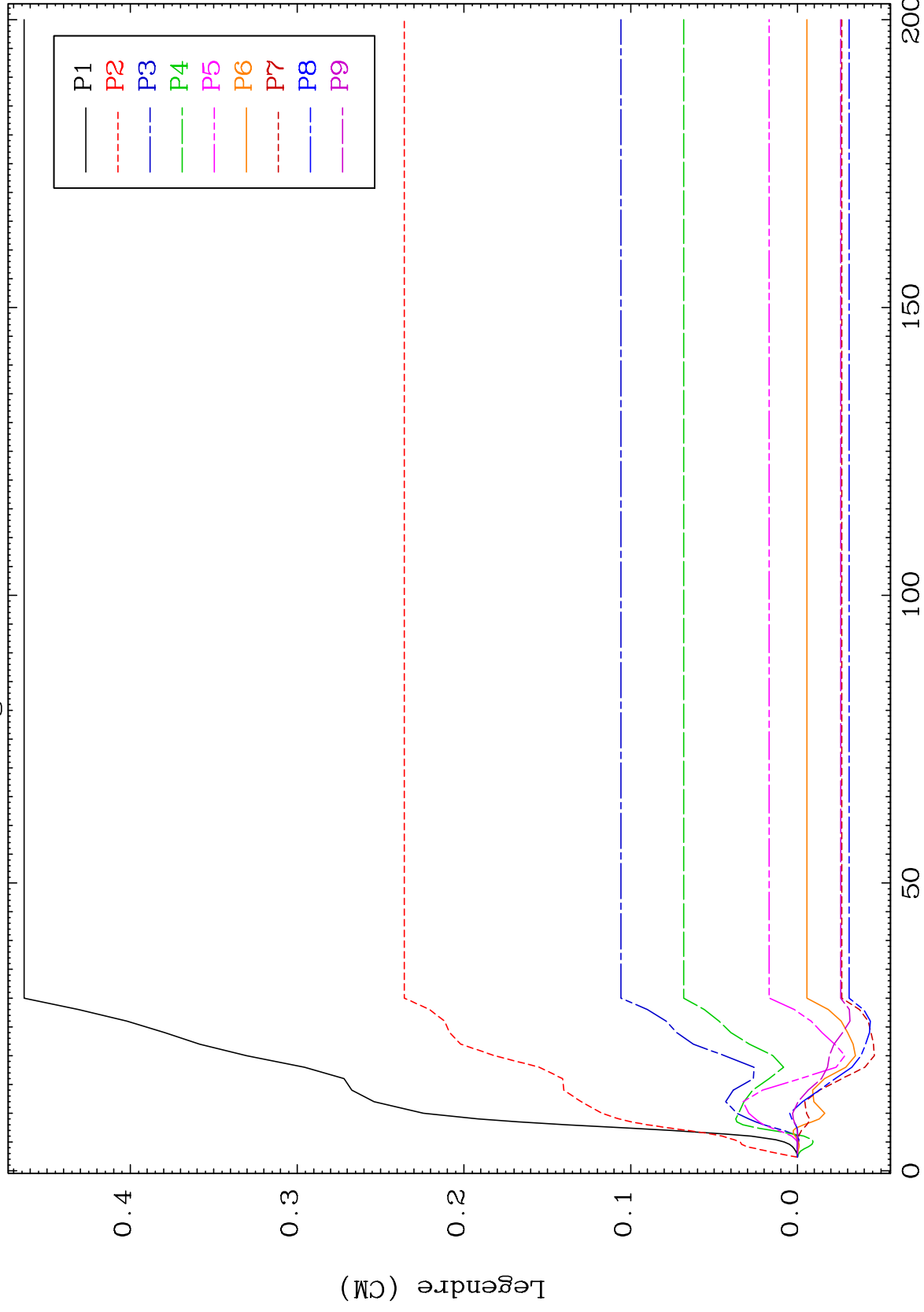
Incident Energy (MeV)

³⁴Se-78

MAT 3437

MT= 61 (n,n') Level
Legendre Coefficients

³⁴Se-78



54

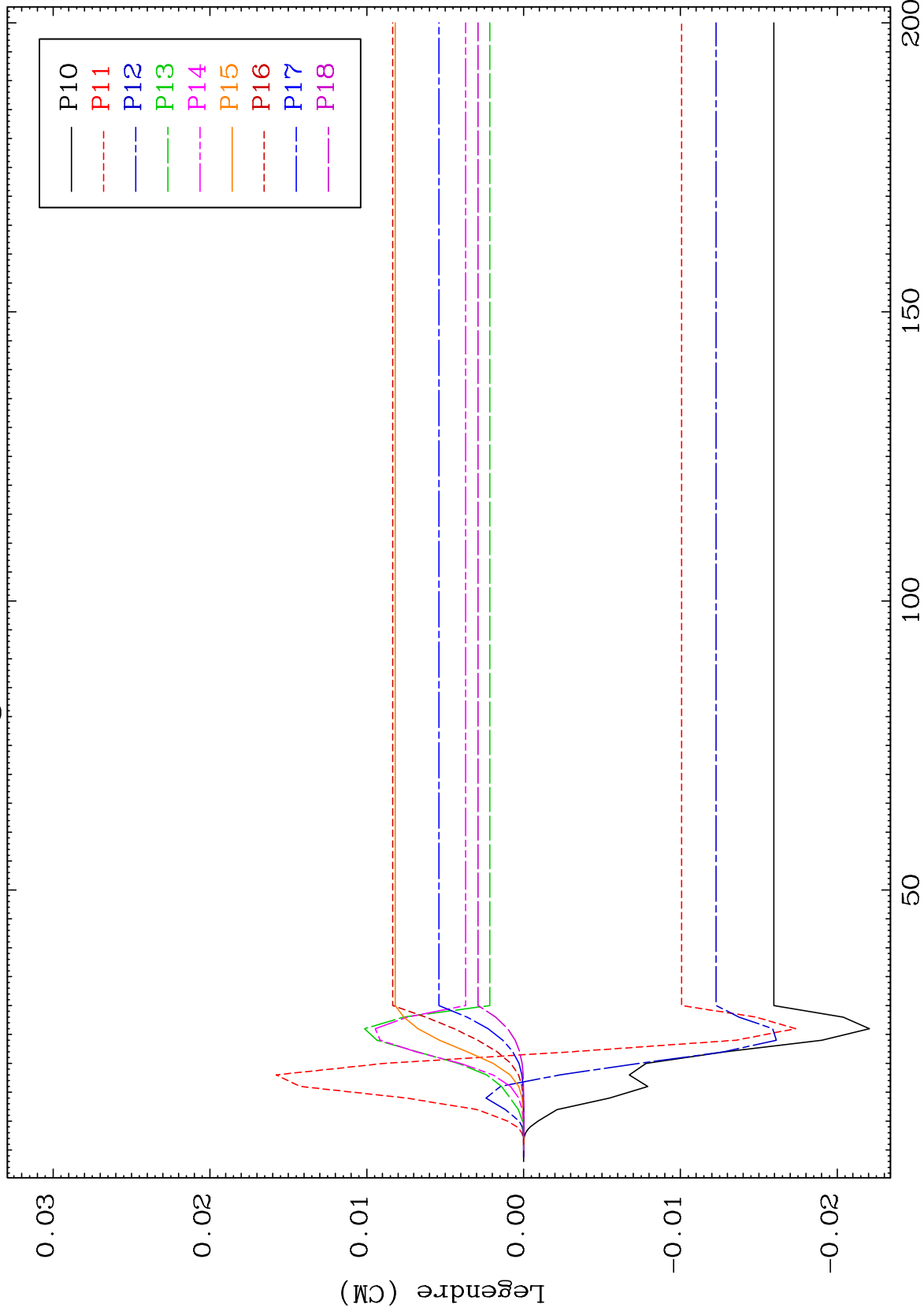
Incident Energy (MeV)

³⁴Se-78

MAT 3437

MT= 61 (n,n') Level
Legendre Coefficients

³⁴Se-78



55

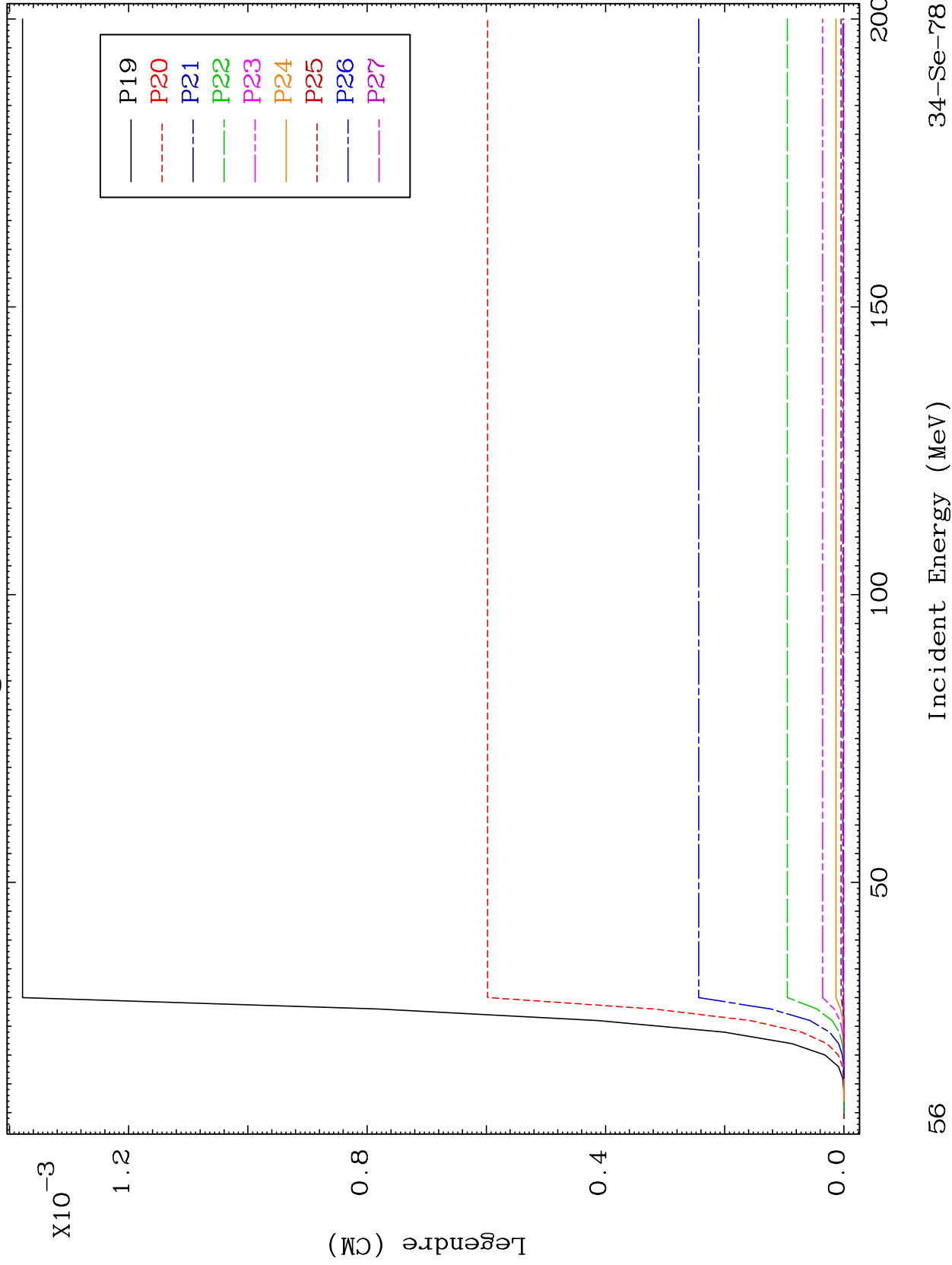
Incident Energy (MeV)

³⁴Se-78

MAT 3437

MT= 61 (n,n') Level
Legendre Coefficients

³⁴Se-78



56

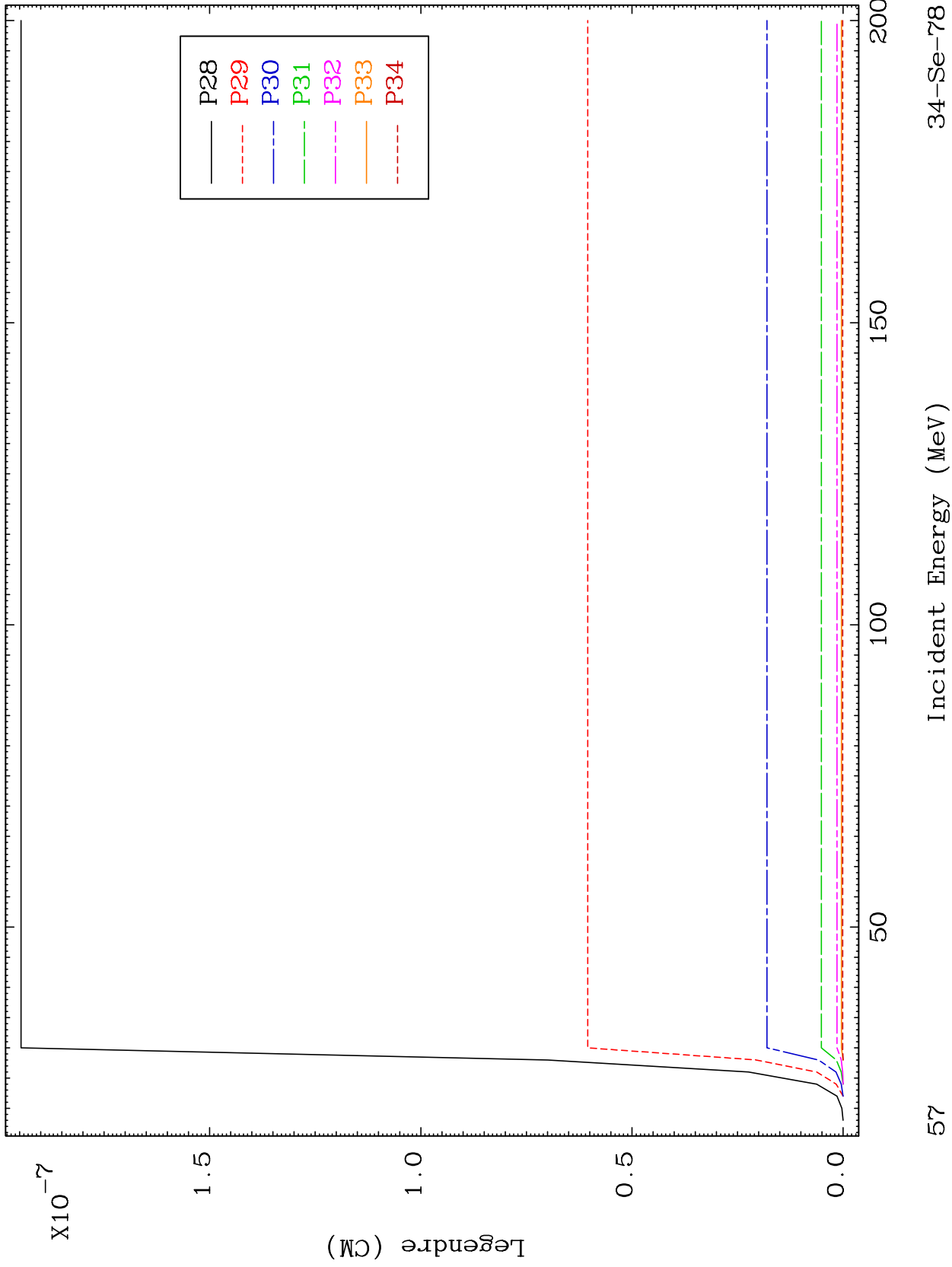
Incident Energy (MeV)

³⁴Se-78

MAT 3437

MT= 61 (n,n') Level
Legendre Coefficients

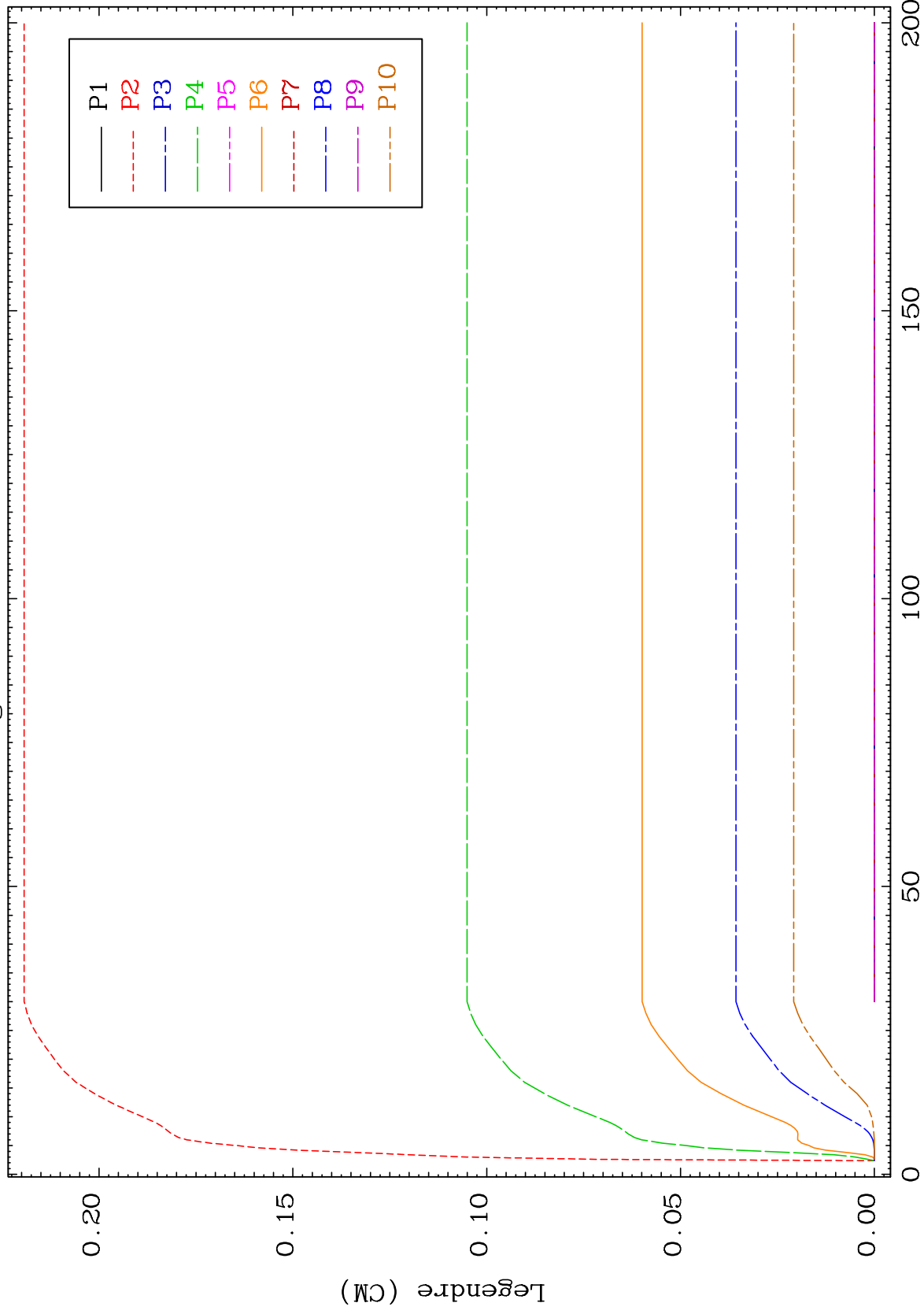
34-Se-78



MAT 3437

MT= 62 (n,n') Level
Legendre Coefficients

³⁴Se-78



58

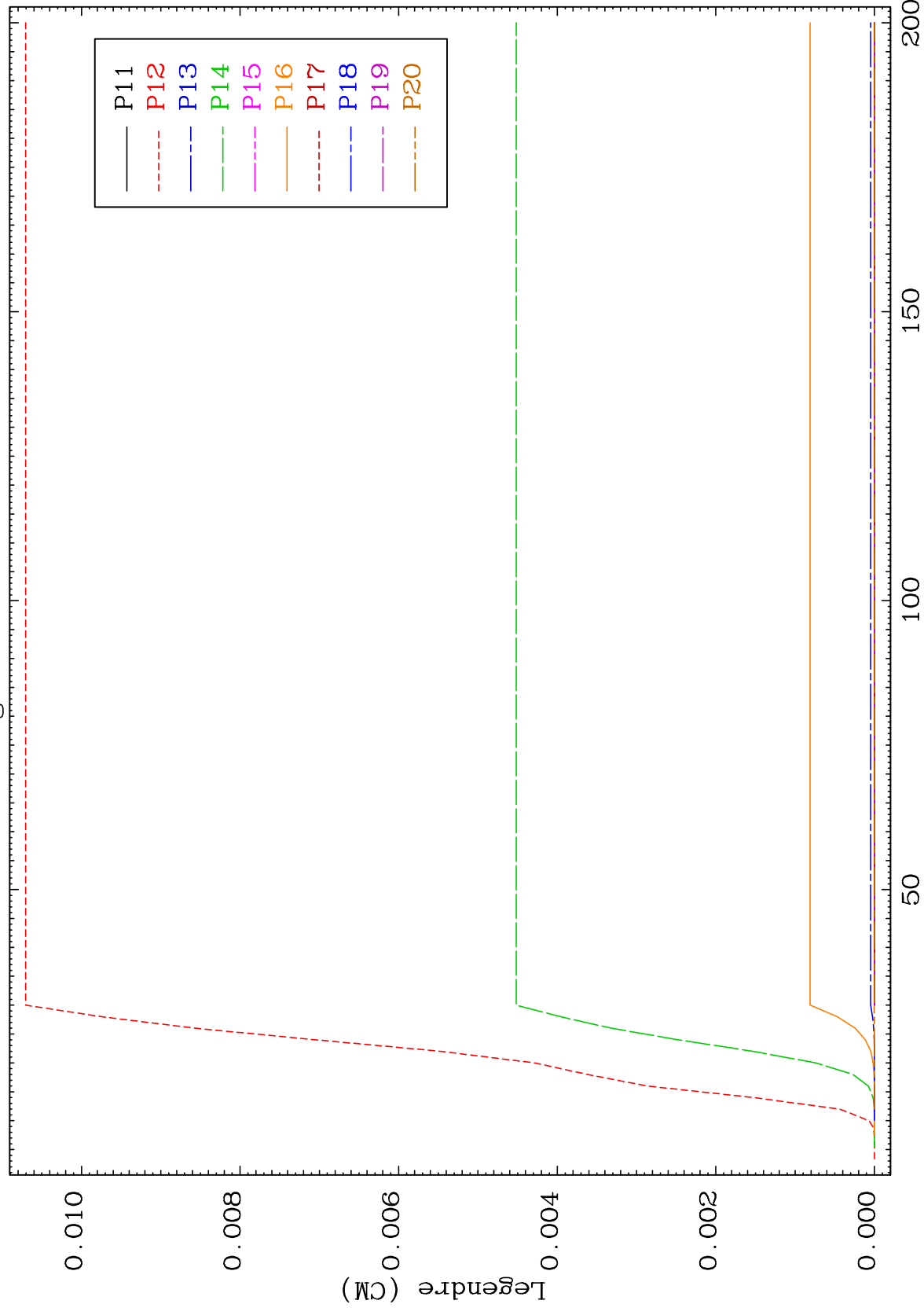
Incident Energy (MeV)

³⁴Se-78

MAT 3437

MT= 62 (n,n') Level
Legendre Coefficients

³⁴Se-78



59

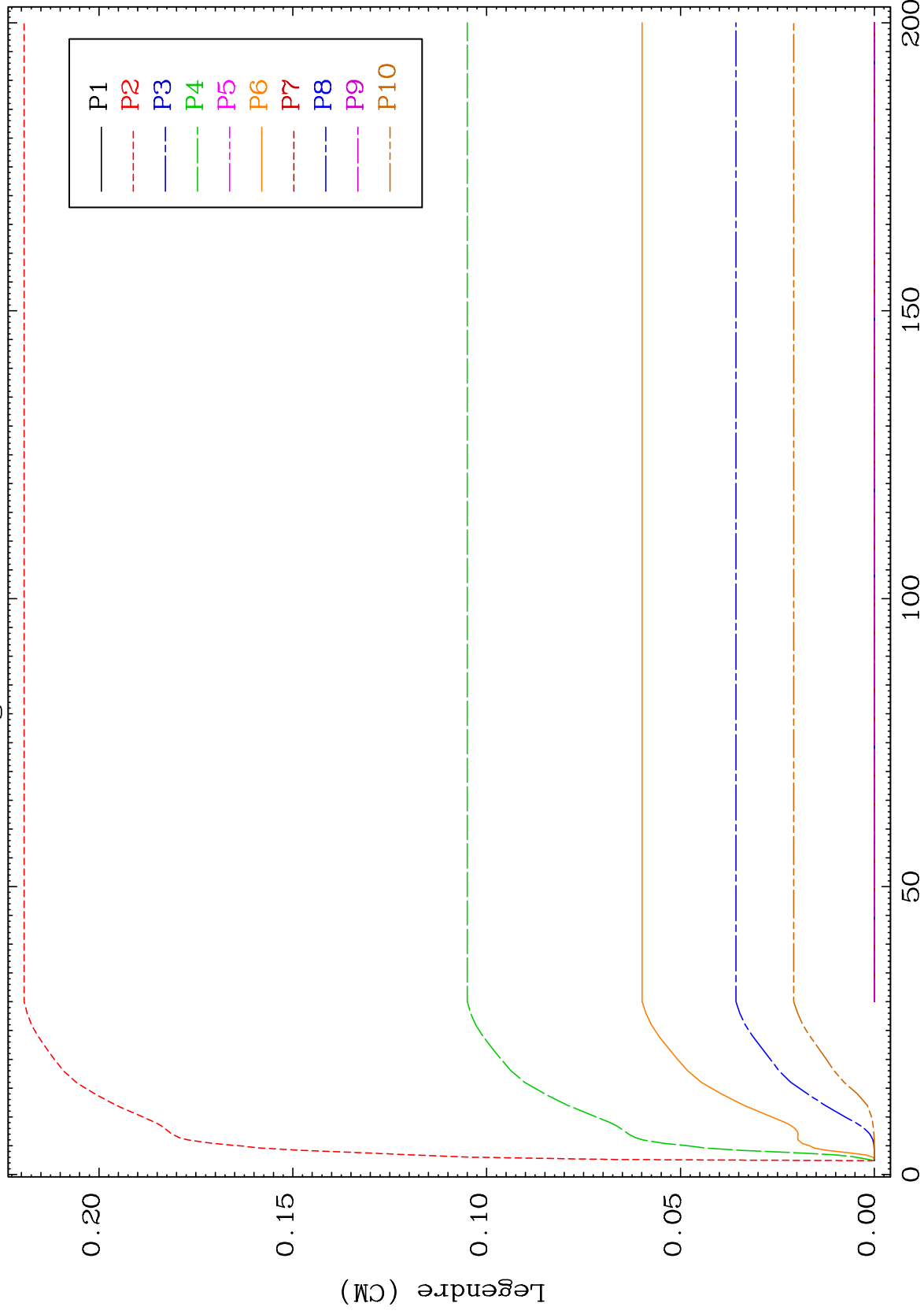
Incident Energy (MeV)

³⁴Se-78

MAT 3437

MT= 63 (n,n') Level
Legendre Coefficients

³⁴Se-78



61

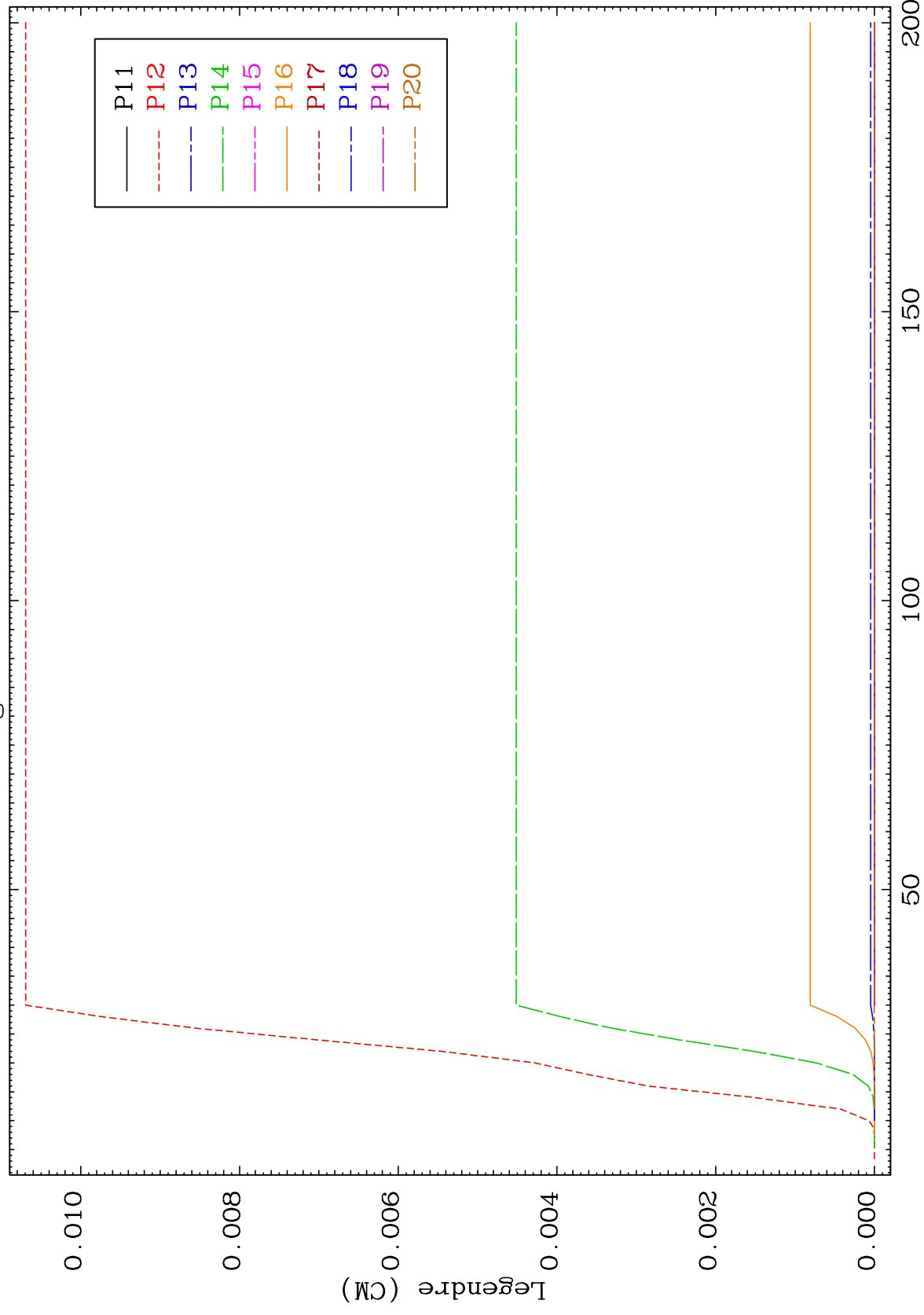
Incident Energy (MeV)

³⁴Se-78

MAT 3437

MT= 63 (n,n') Level
Legendre Coefficients

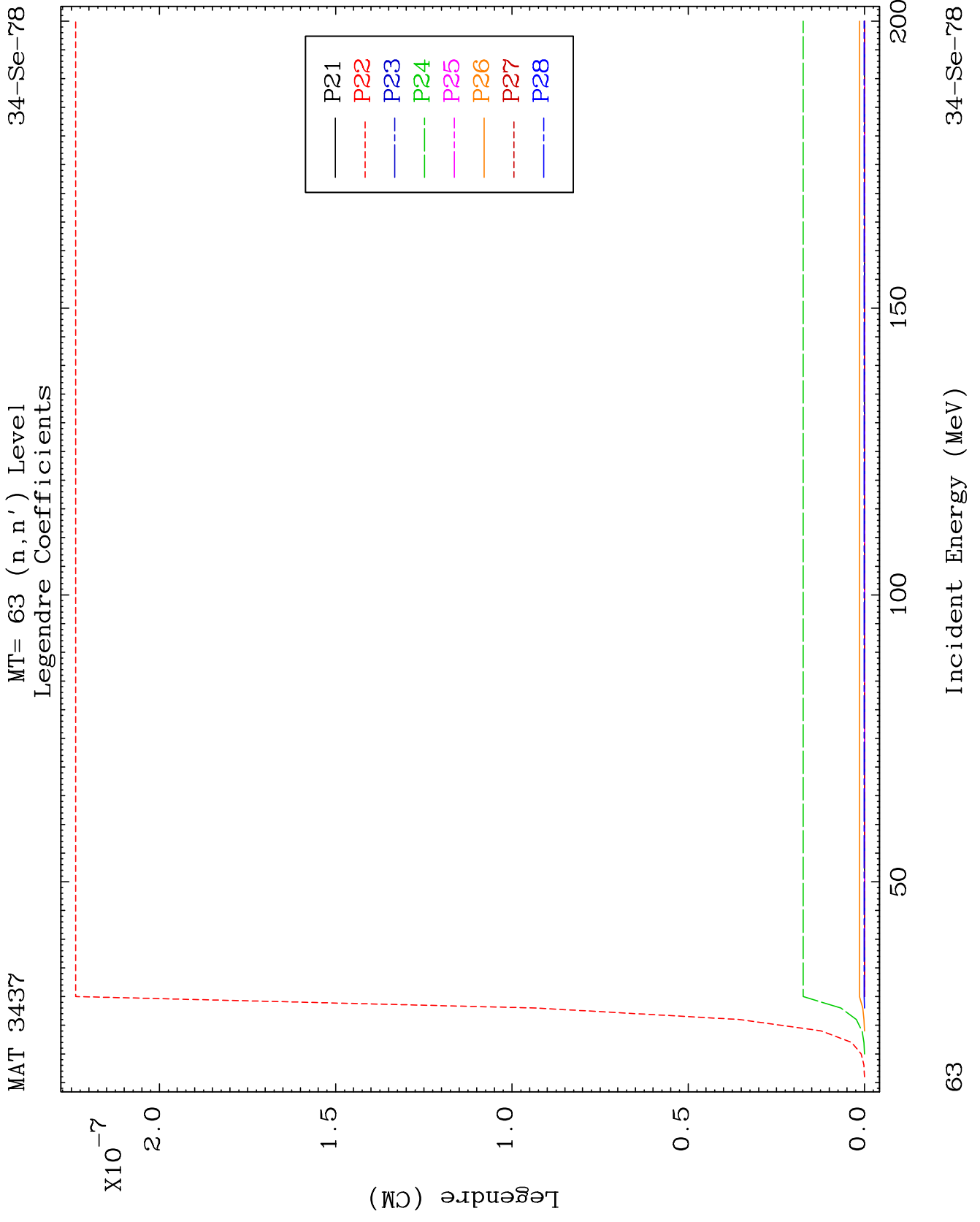
³⁴Se-78



62

Incident Energy (MeV)

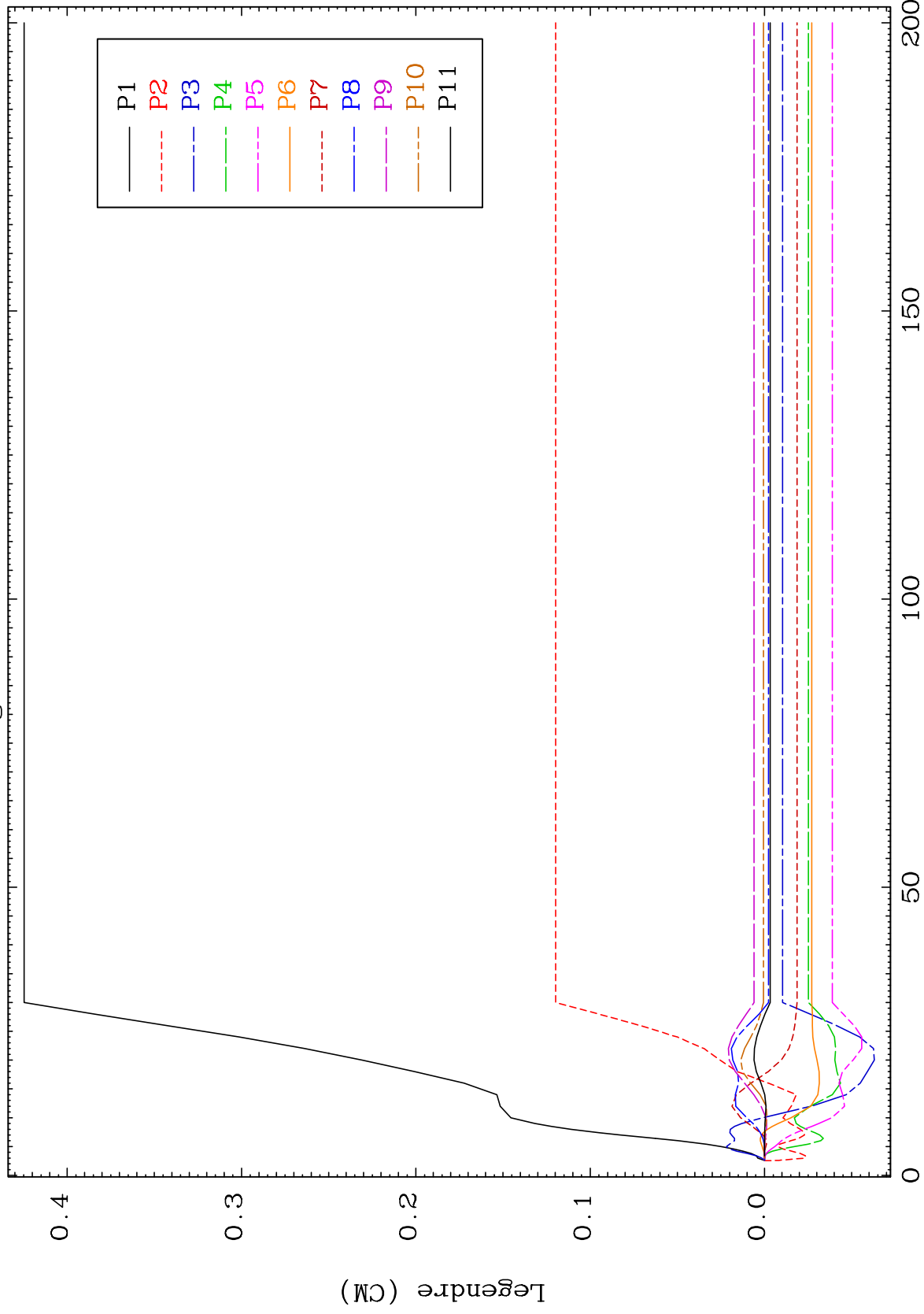
³⁴Se-78



MAT 3437

MT= 64 (n,n') Level
Legendre Coefficients

³⁴Se-78



64

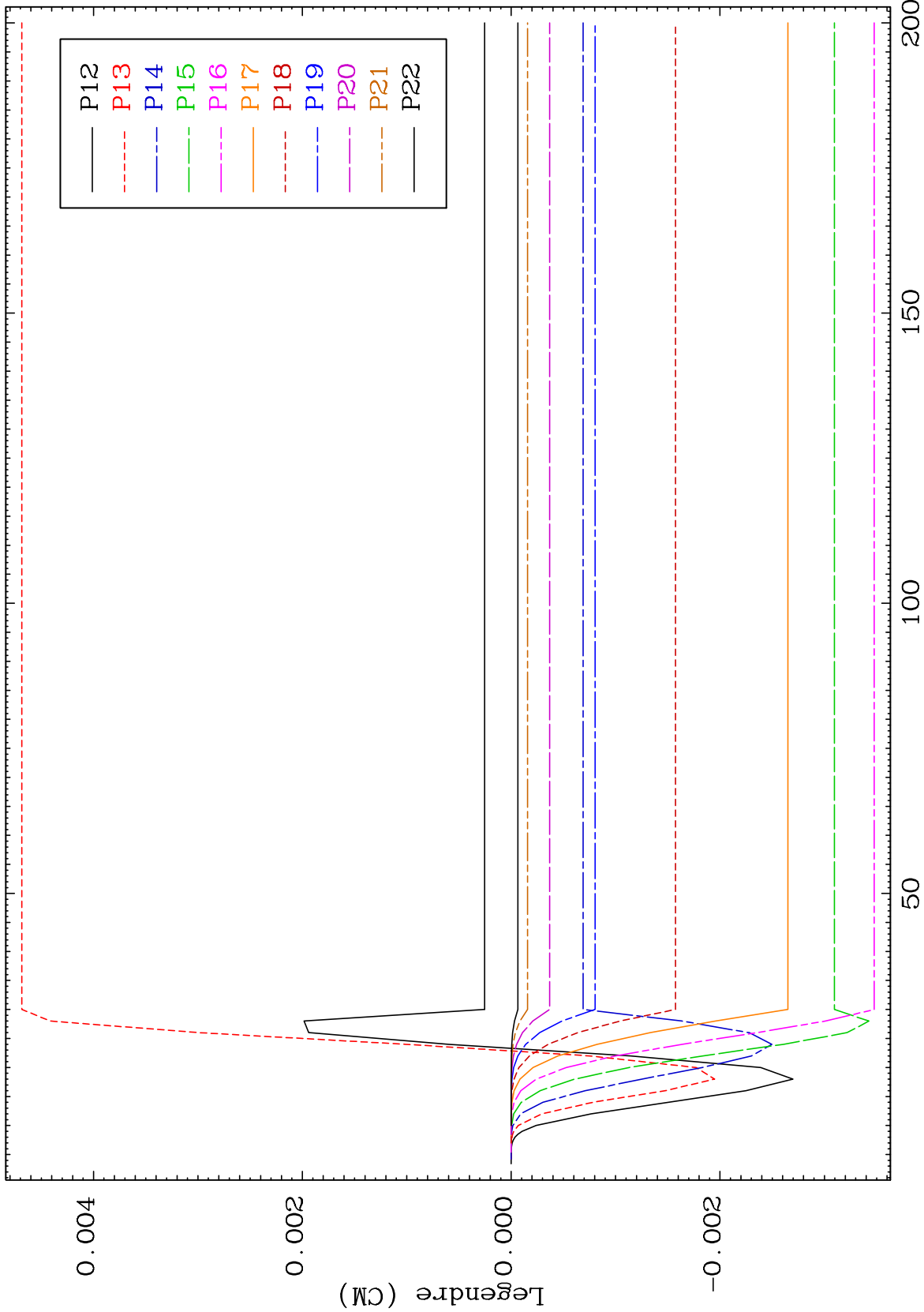
Incident Energy (MeV)

³⁴Se-78

MAT 3437

MT= 64 (n,n') Level
Legendre Coefficients

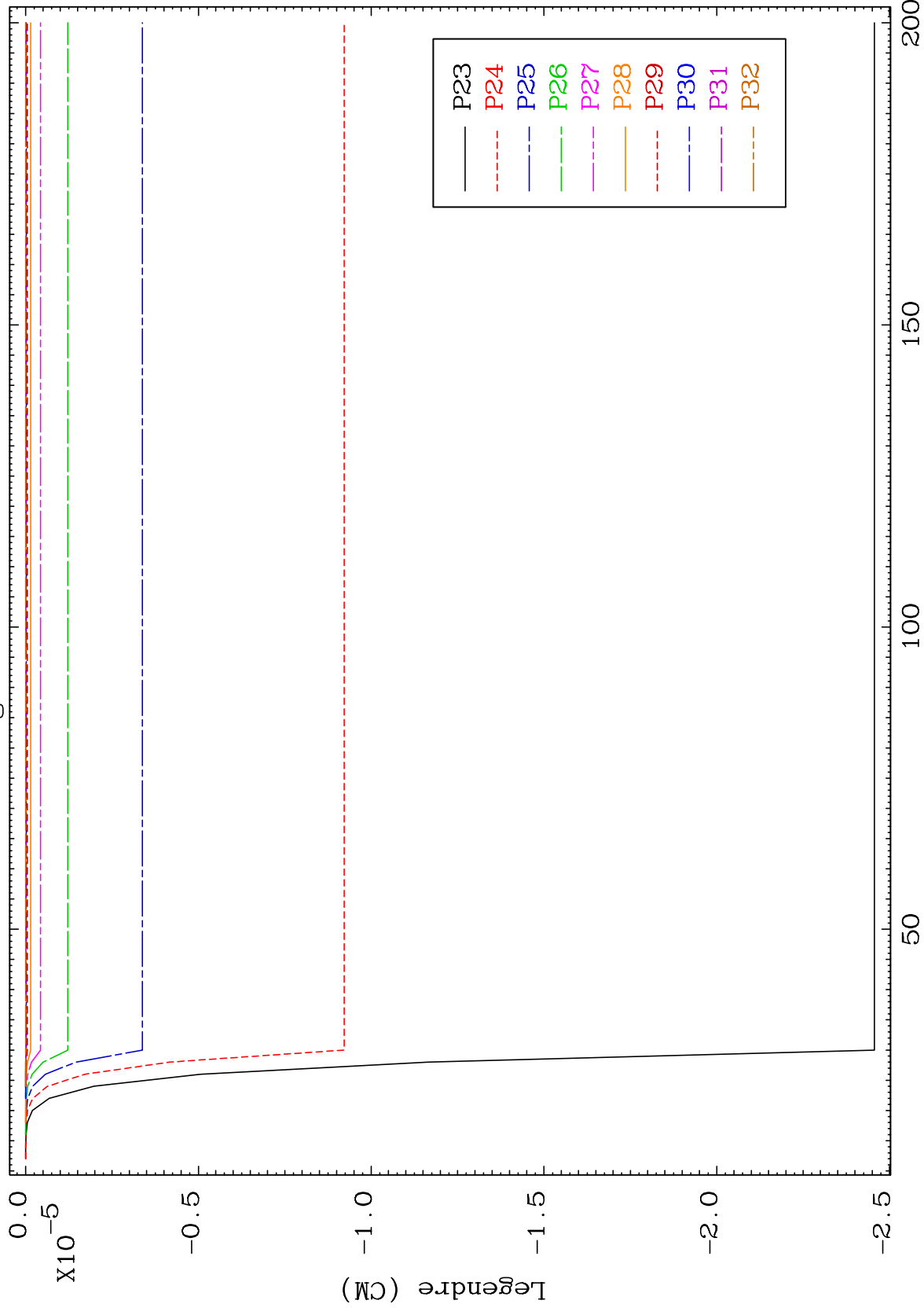
34-Se-78



65

Incident Energy (MeV)

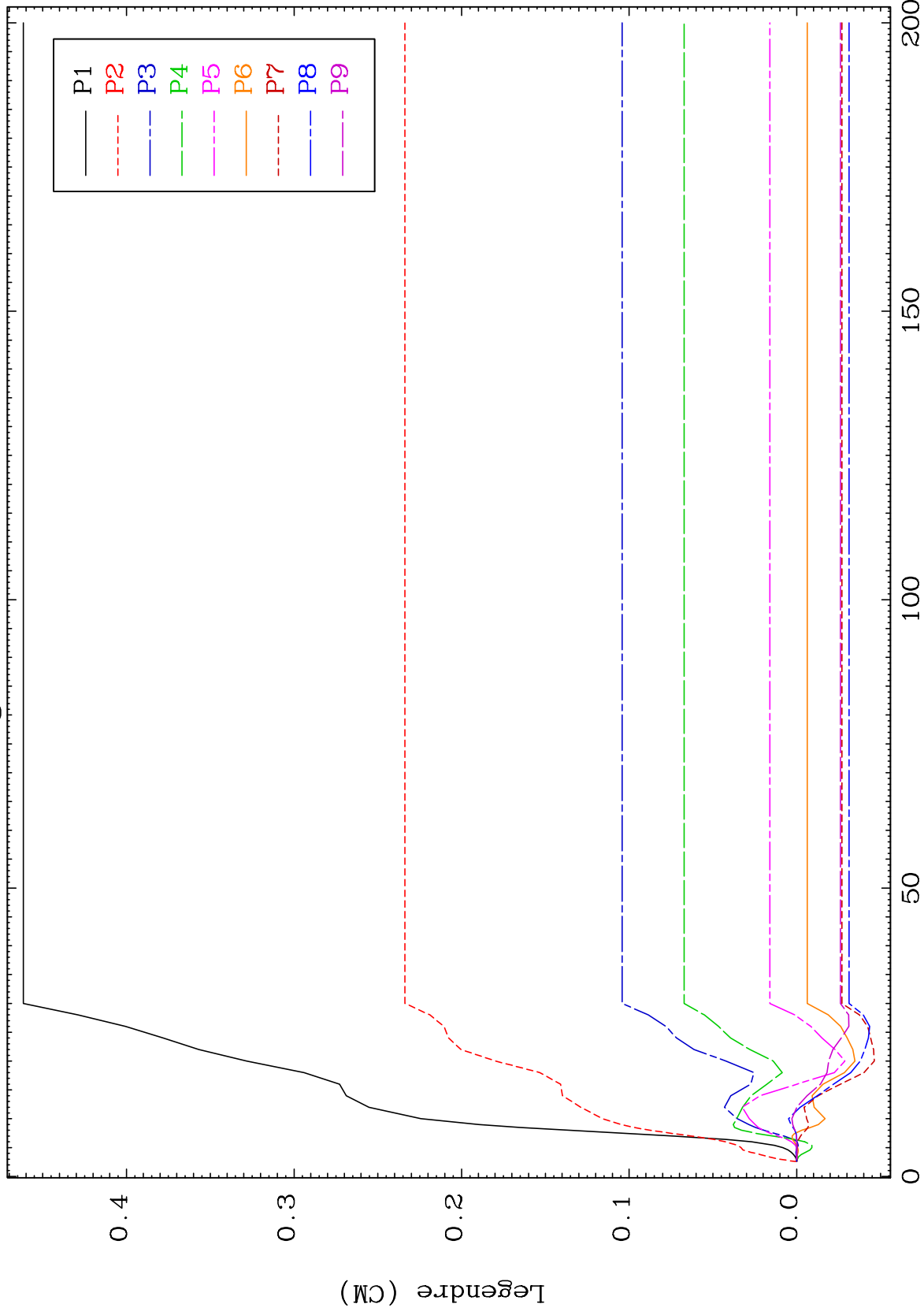
34-Se-78



MAT 3437

MT= 65 (n,n') Level
Legendre Coefficients

³⁴Se-78



67

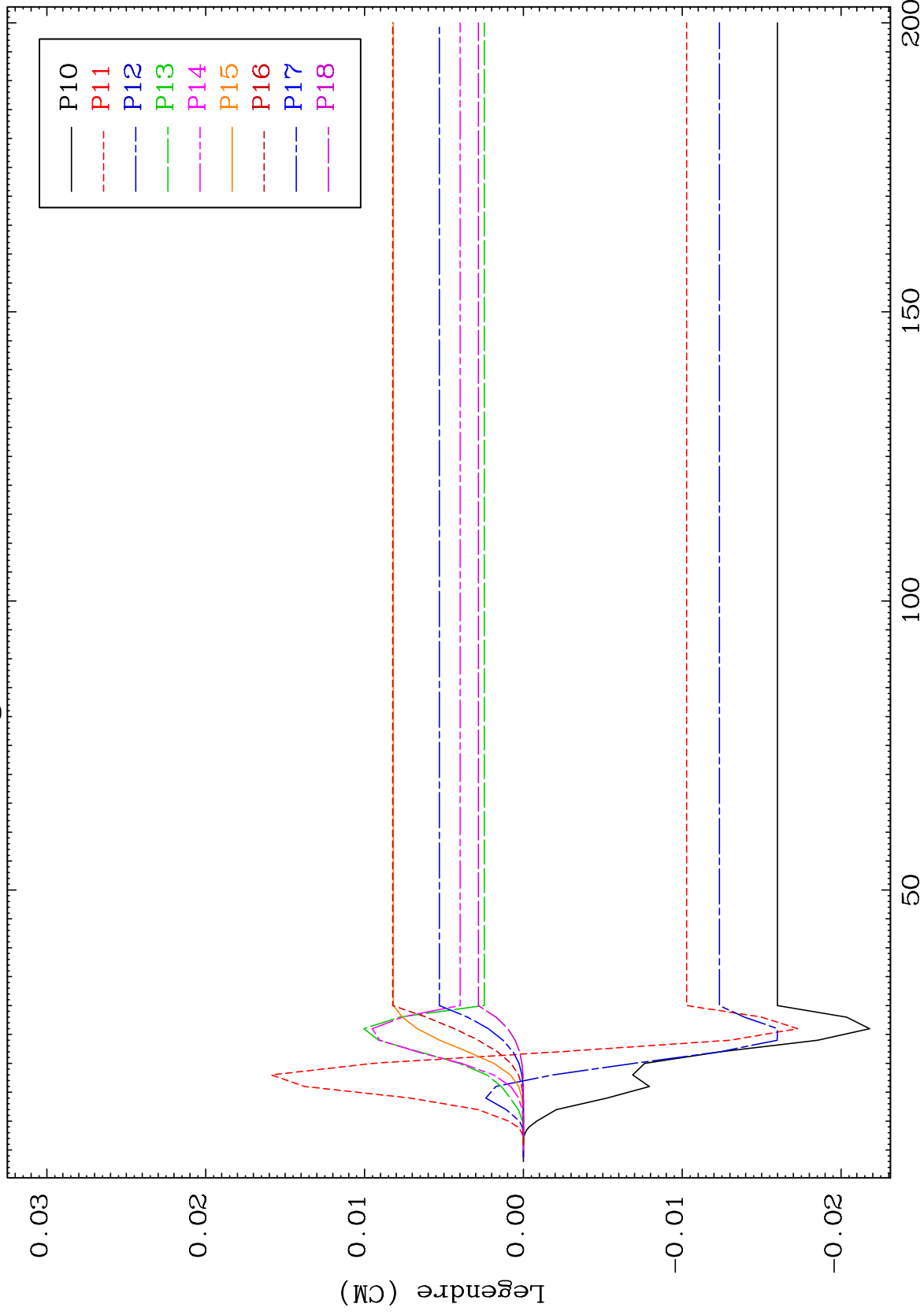
Incident Energy (MeV)

³⁴Se-78

MAT 3437

MT= 65 (n,n') Level
Legendre Coefficients

34-Se-78



68

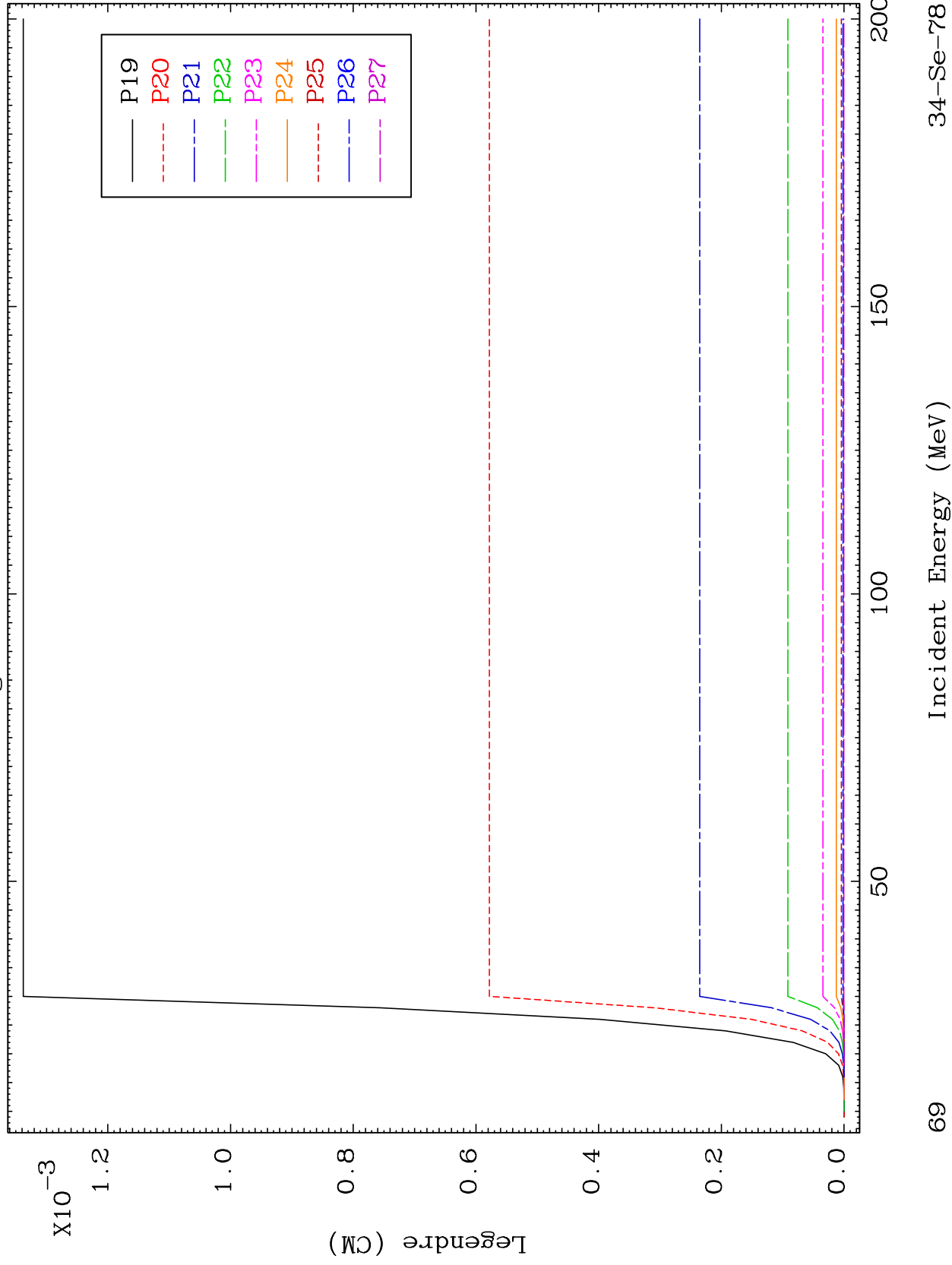
Incident Energy (MeV)

34-Se-78

MAT 3437

MT= 65 (n,n') Level
Legendre Coefficients

34-Se-78



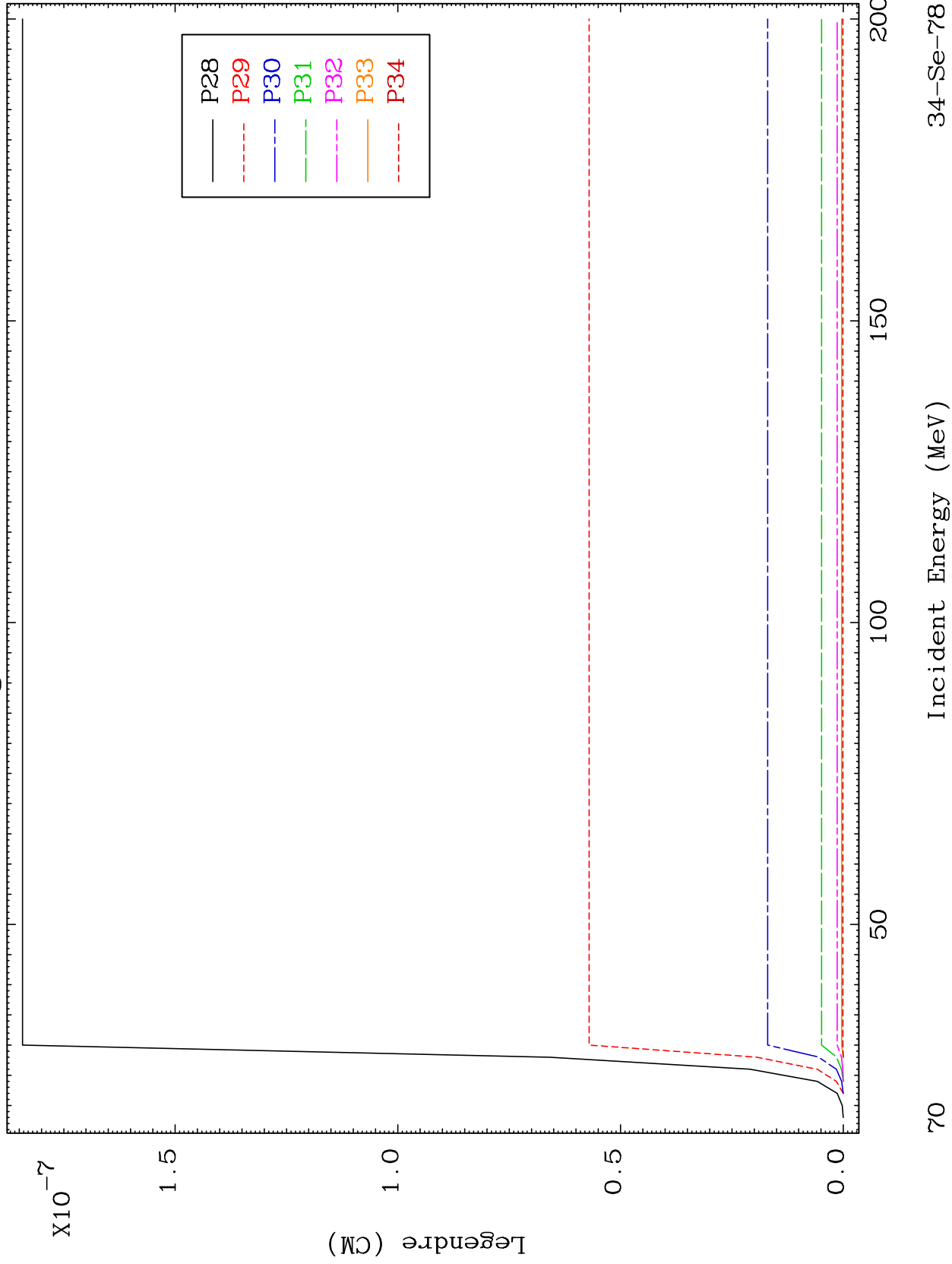
69

34-Se-78

MAT 3437

MT= 65 (n,n') Level
Legendre Coefficients

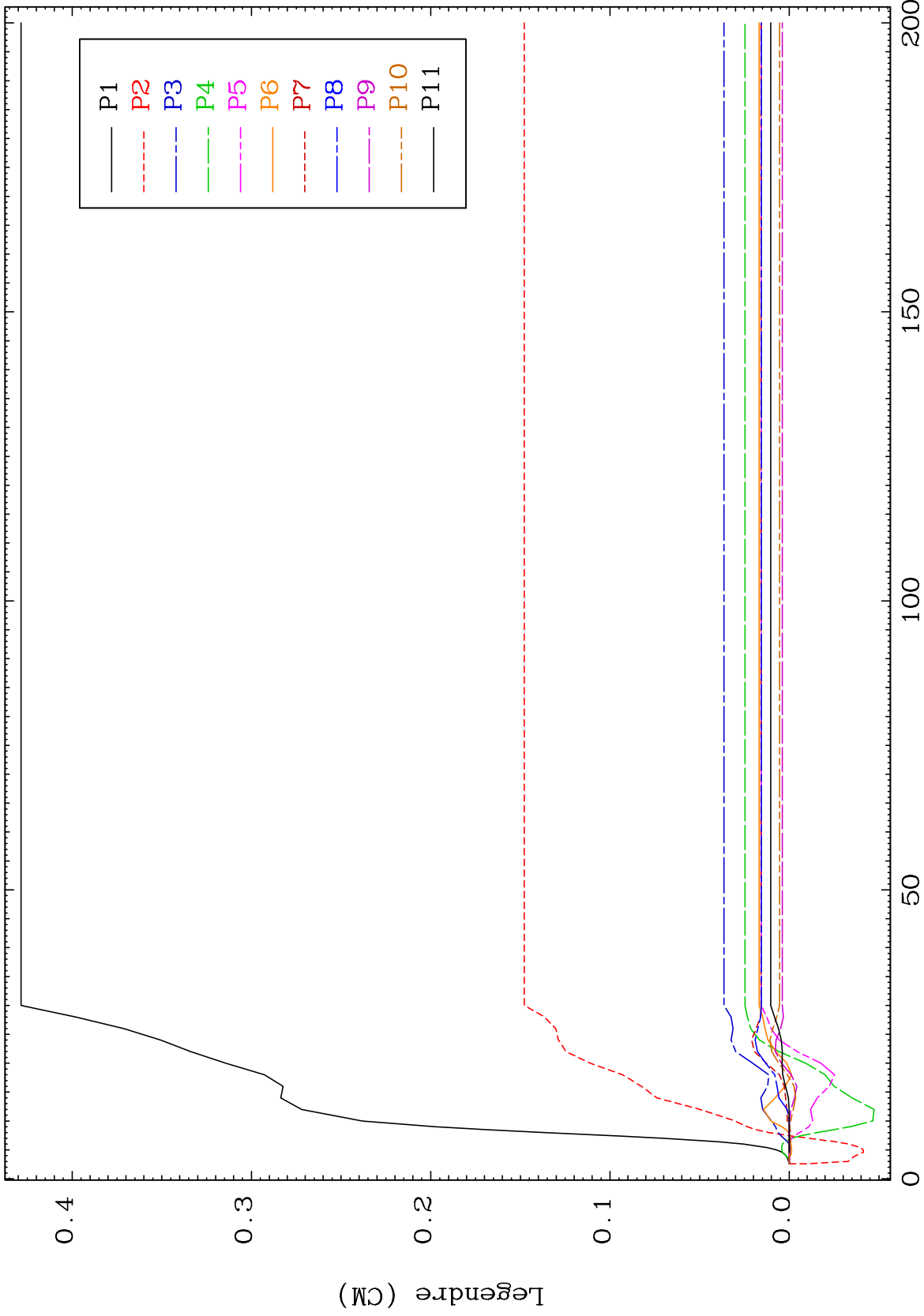
34-Se-78



MAT 3437

MT= 66 (n,n') Level
Legendre Coefficients

³⁴Se-78



71

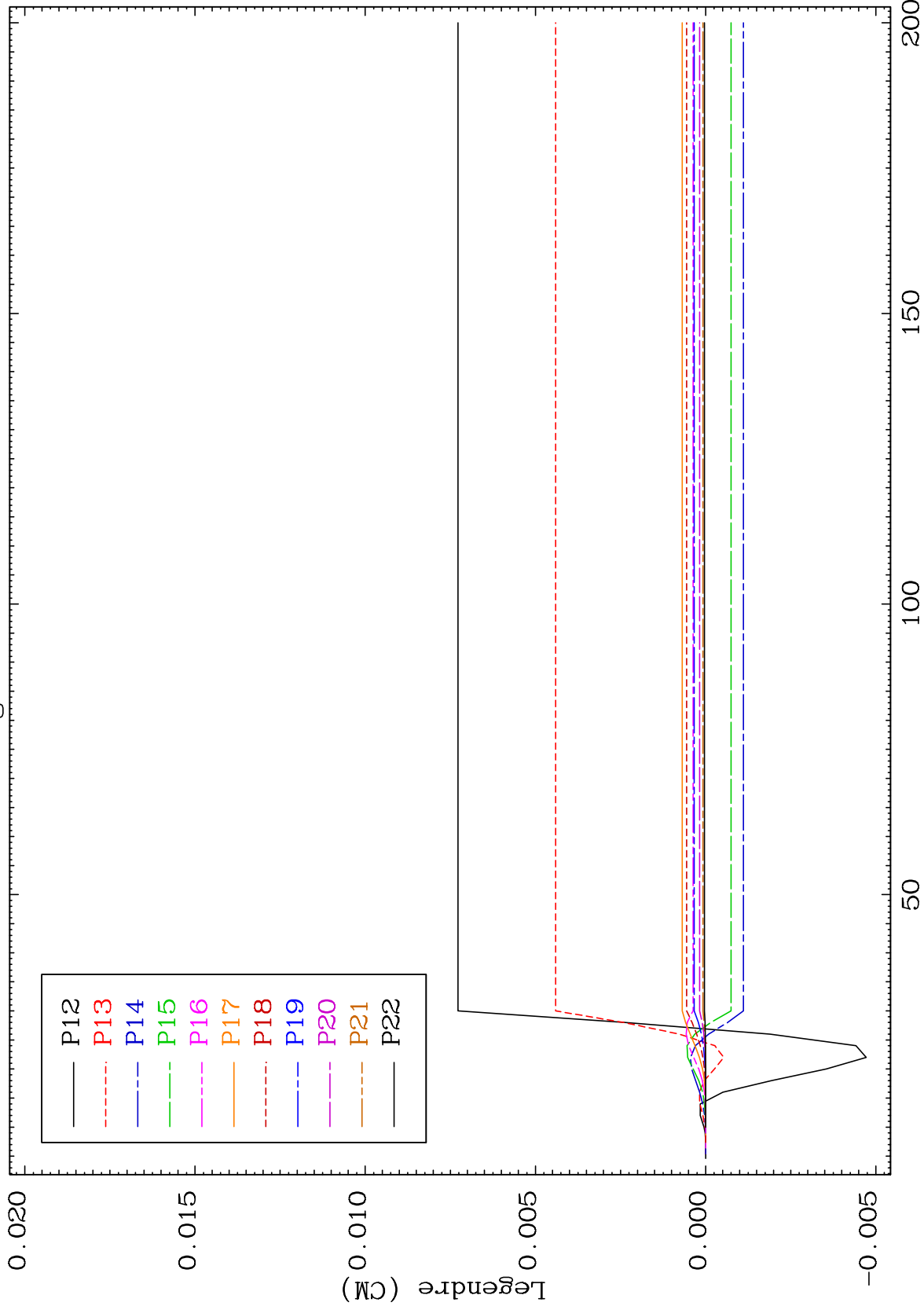
Incident Energy (MeV)

³⁴Se-78

MAT 3437

MT= 66 (n,n') Level
Legendre Coefficients

34-Se-78



72

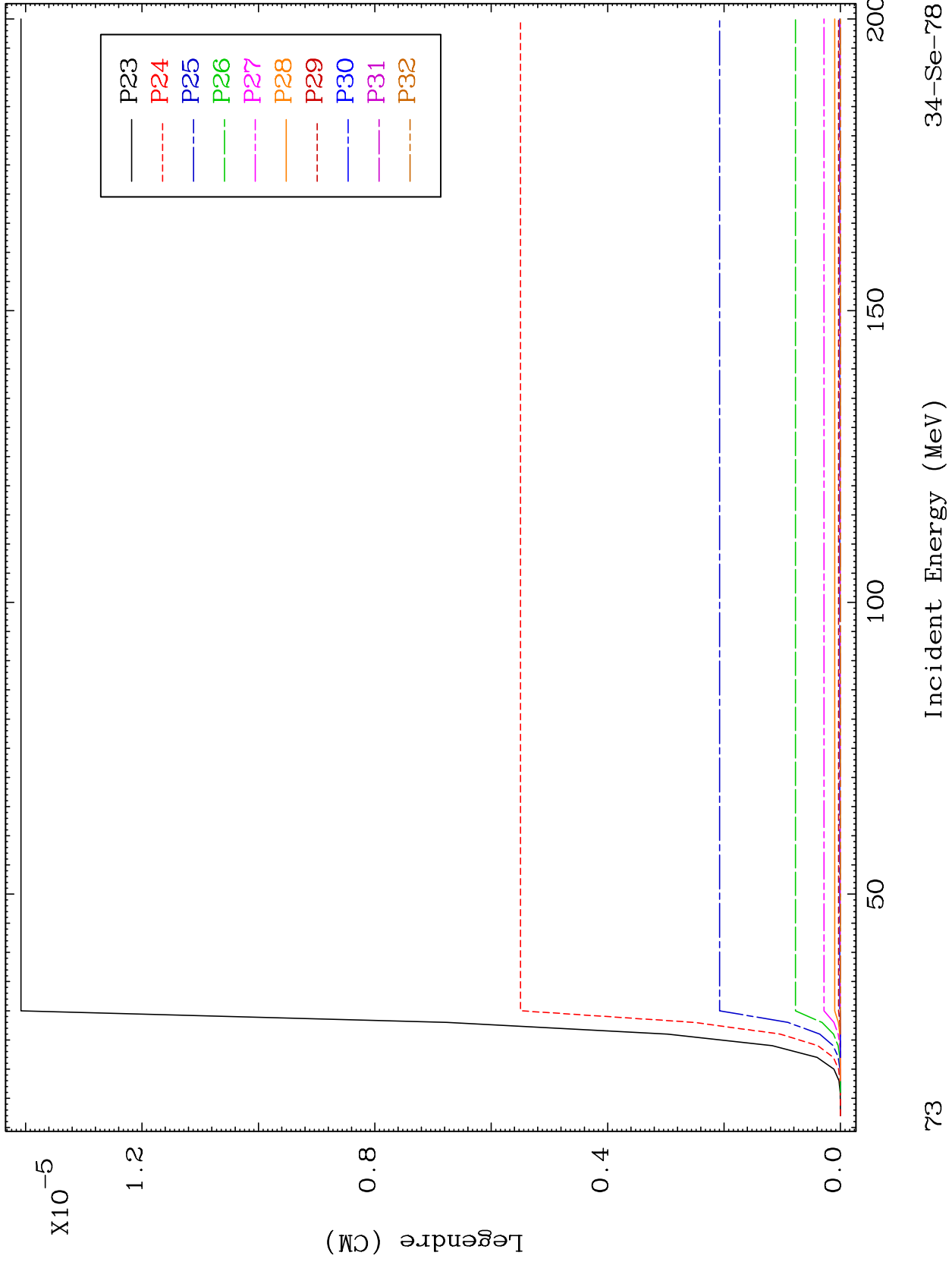
Incident Energy (MeV)

34-Se-78

MAT 3437

MT= 66 (n,n') Level
Legendre Coefficients

³⁴Se-78



73

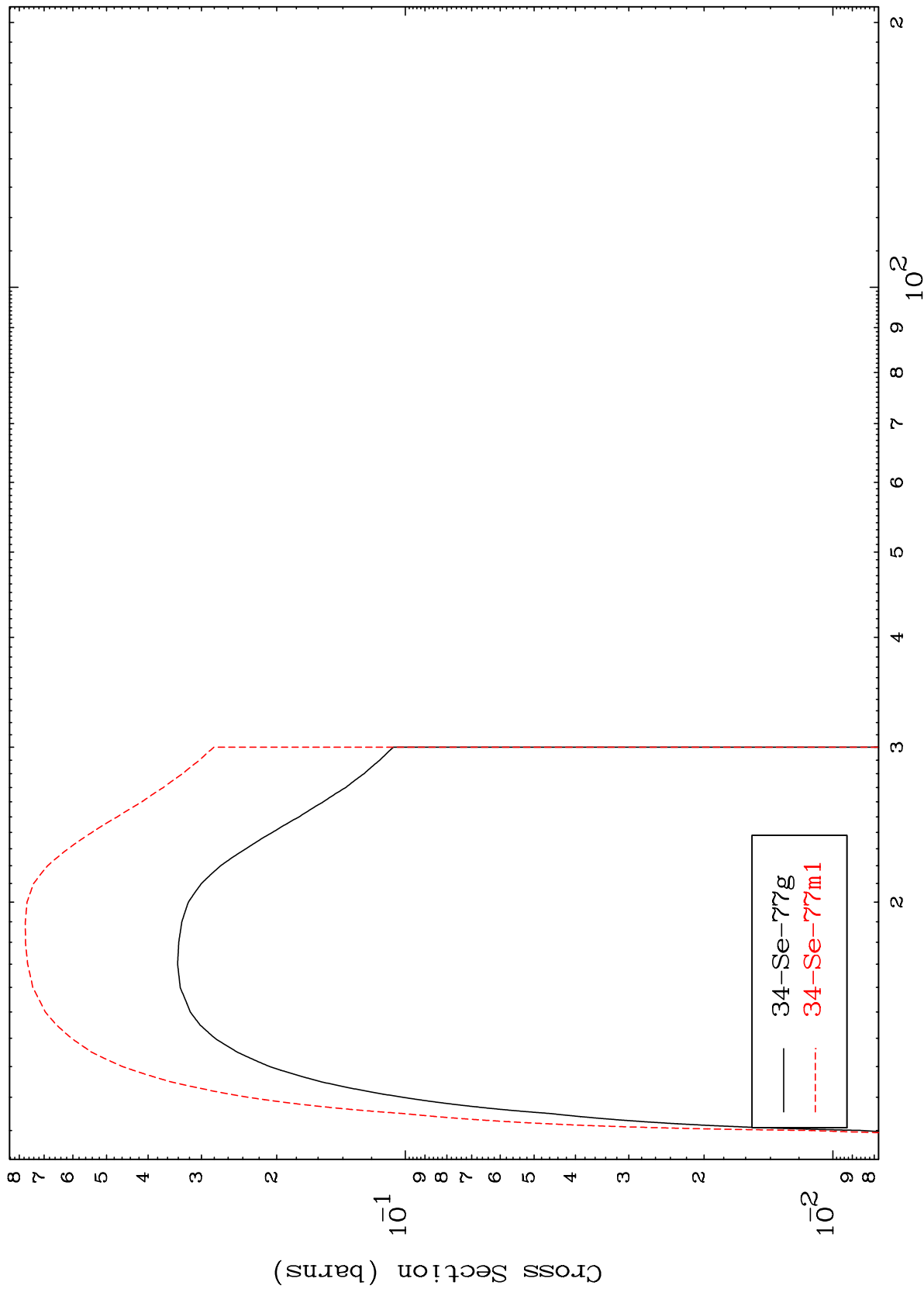
Incident Energy (MeV)

³⁴Se-78

MAT 3437

³⁴Se-78

(n,2n)
Radionuclide Production Cross Section



74

³⁴Se-78

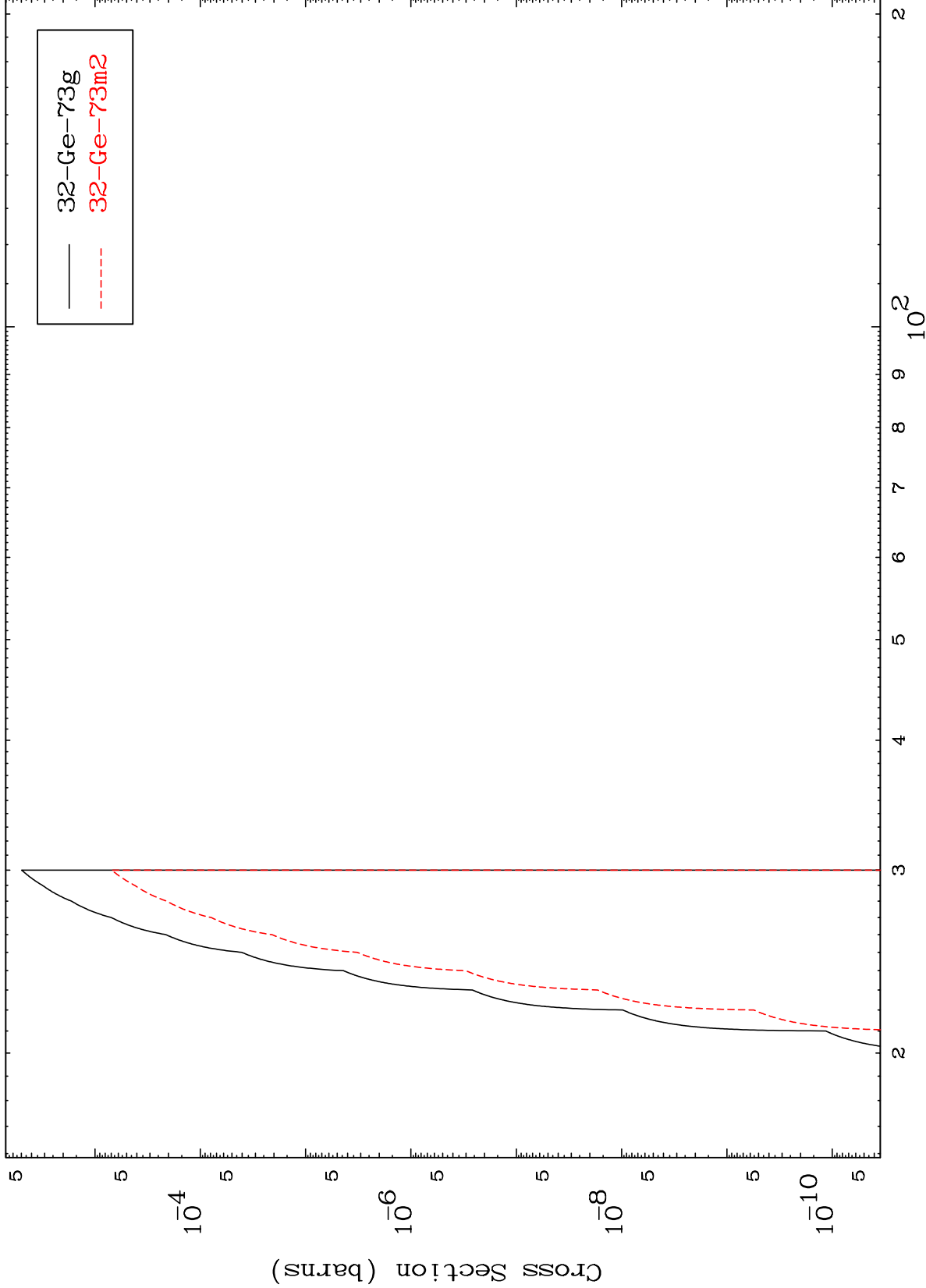
Incident Energy (MeV)

MAT 3437

$(n,2n) \alpha$

$^{34}\text{Se-78}$

Radionuclide Production Cross Section



75

Incident Energy (MeV)

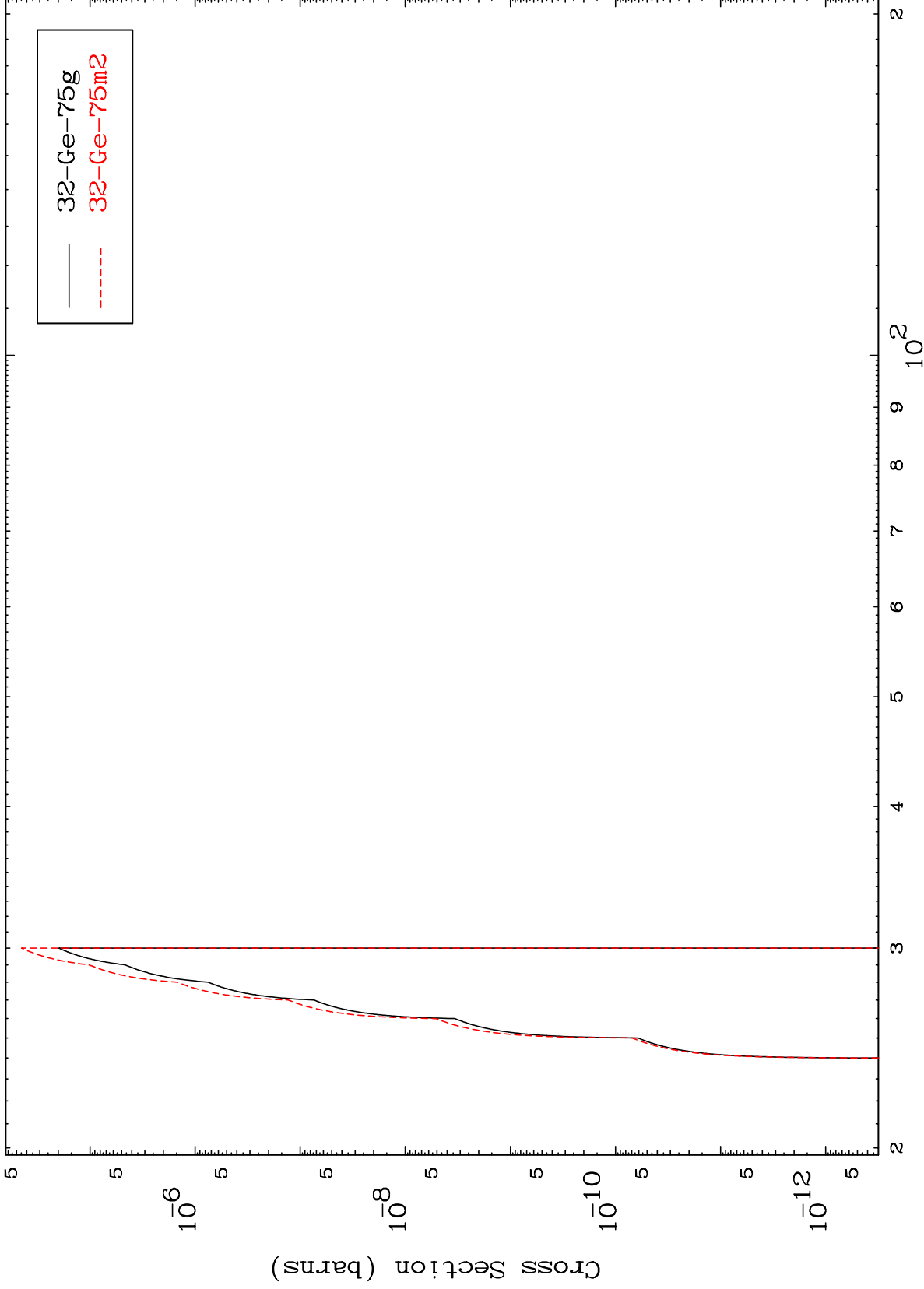
$^{34}\text{Se-78}$

MAT 3437

(n,n') He-3

34-Ge-78

Radionuclide Production Cross Section



76

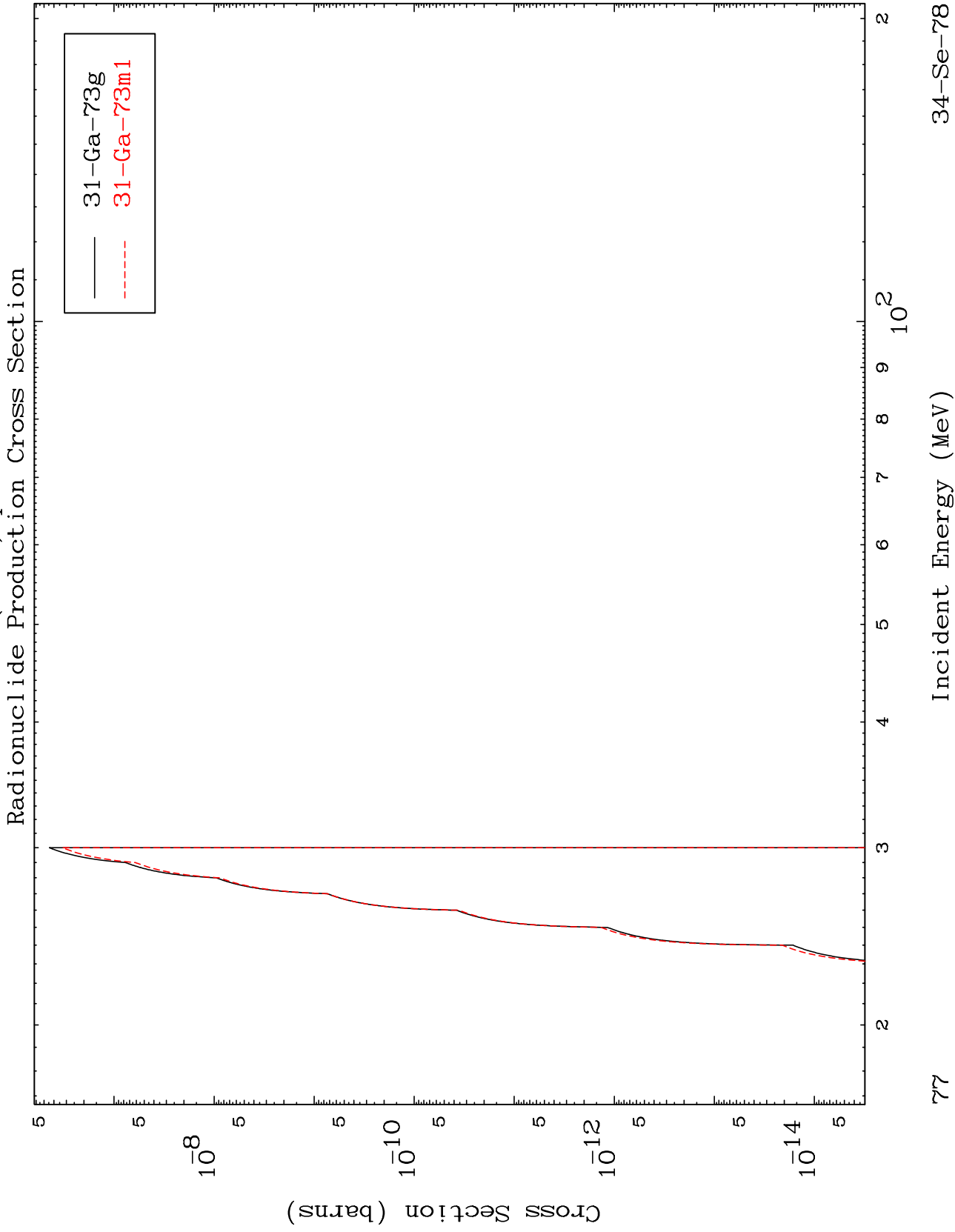
Incident Energy (MeV)

34-Ge-78

MAT 3437

(n,n') p α

34-Se-78



77

Incident Energy (MeV)

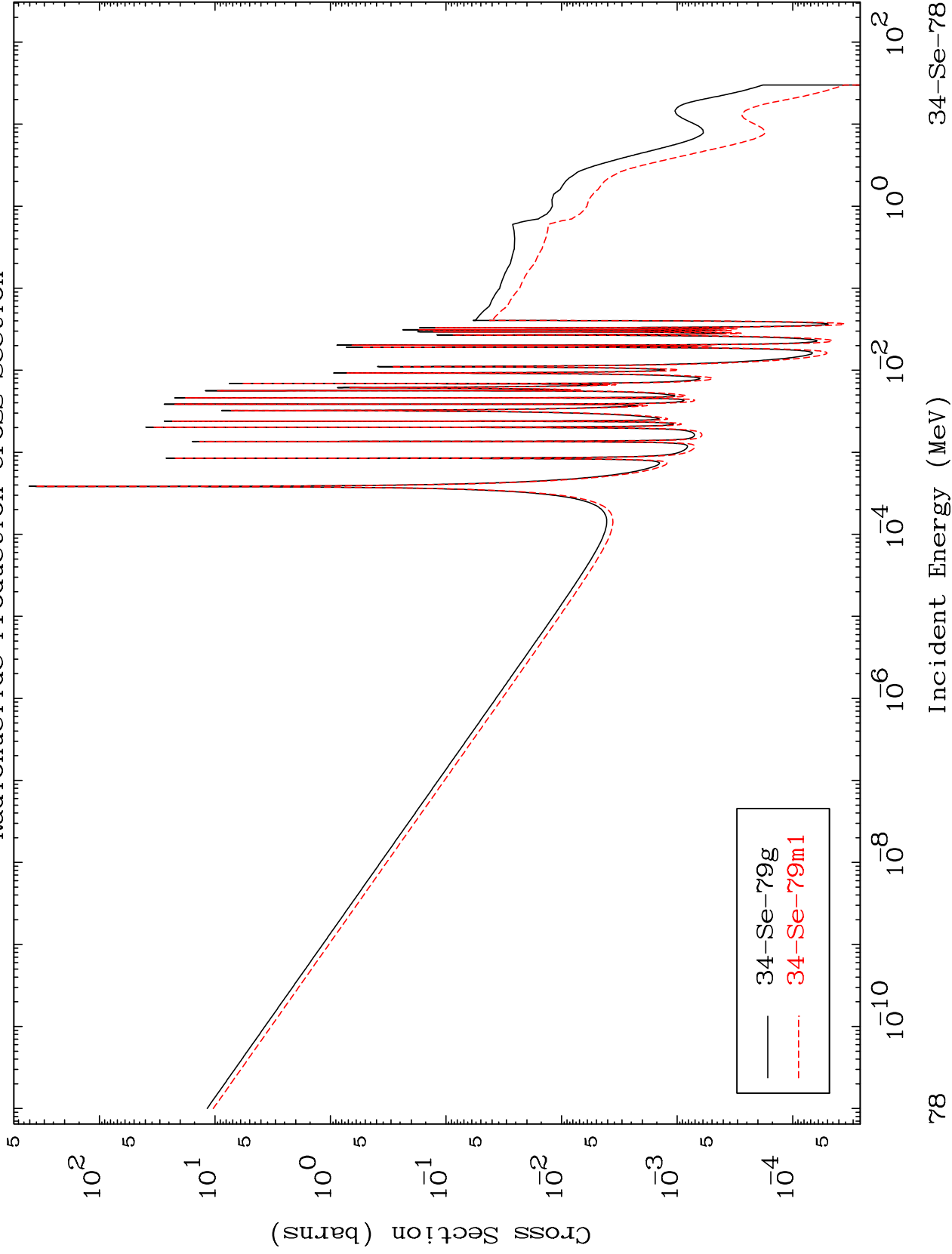
34-Se-78

MAT 3437

³⁴Se-78

Radionuclide Production Cross Section

(n,γ)

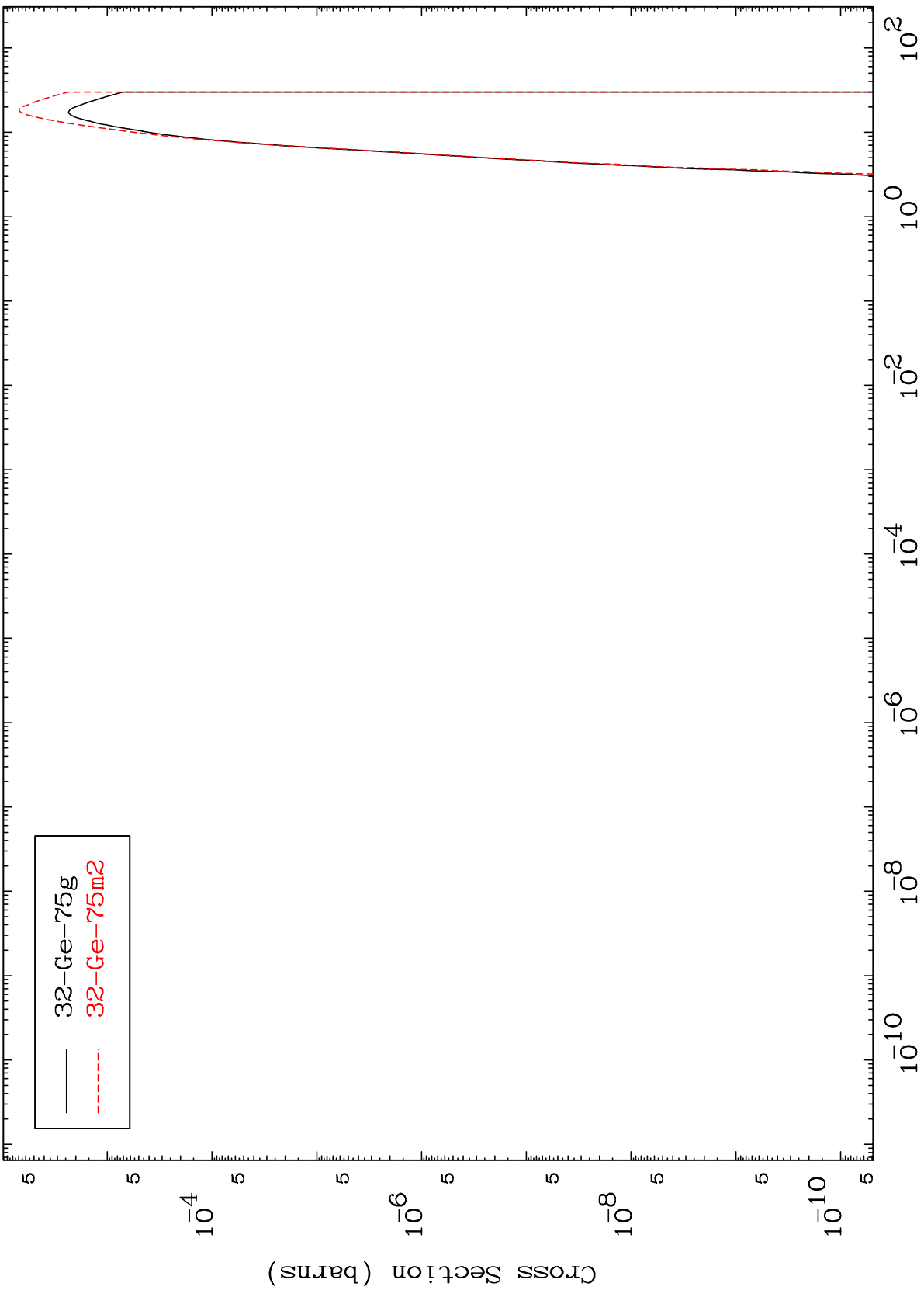


78

MAT 3437

³⁴Se-78

(n,α)
Radionuclide Production Cross Section



Incident Energy (MeV)

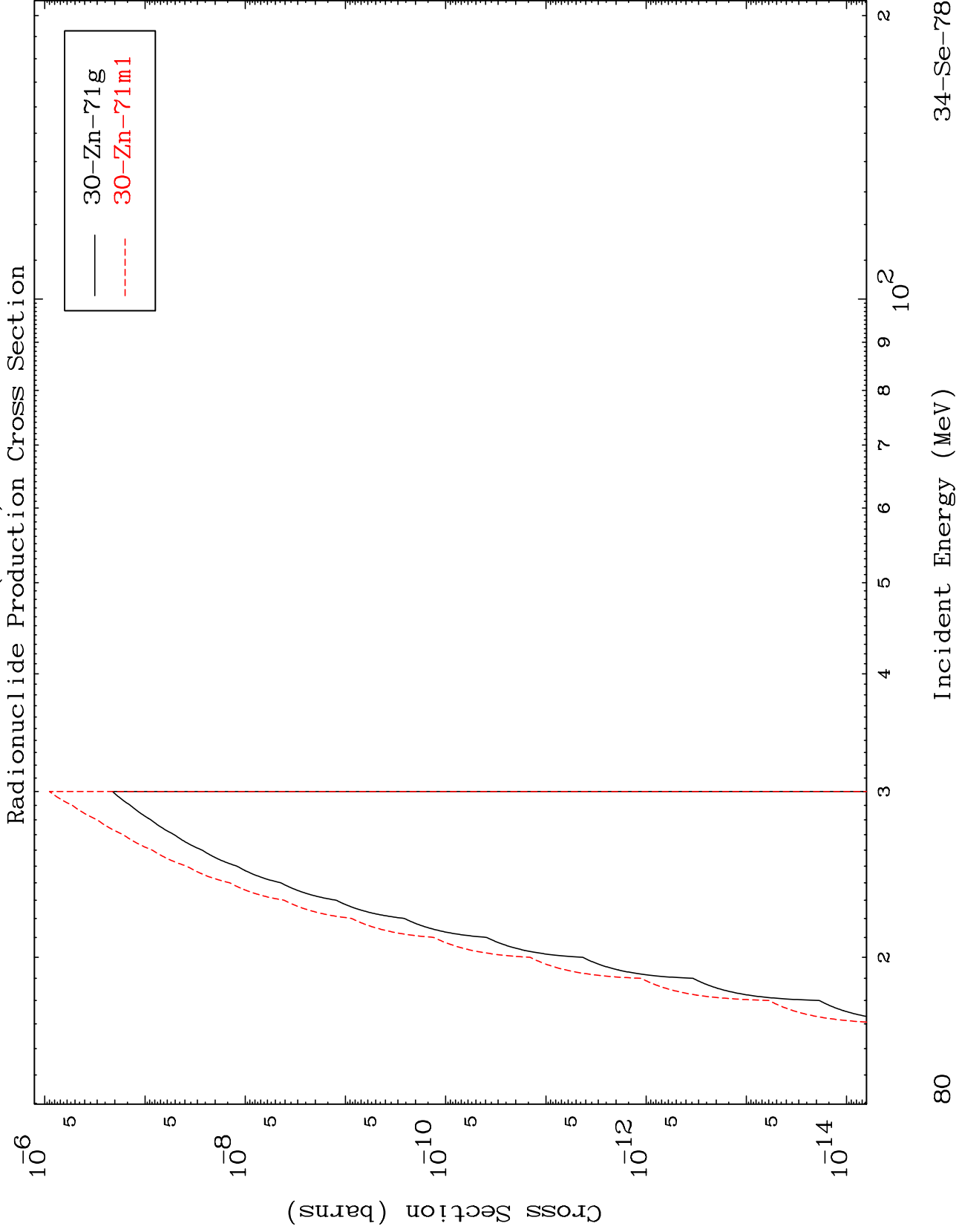
³⁴Se-78

79

MAT 3437

(n,2α)

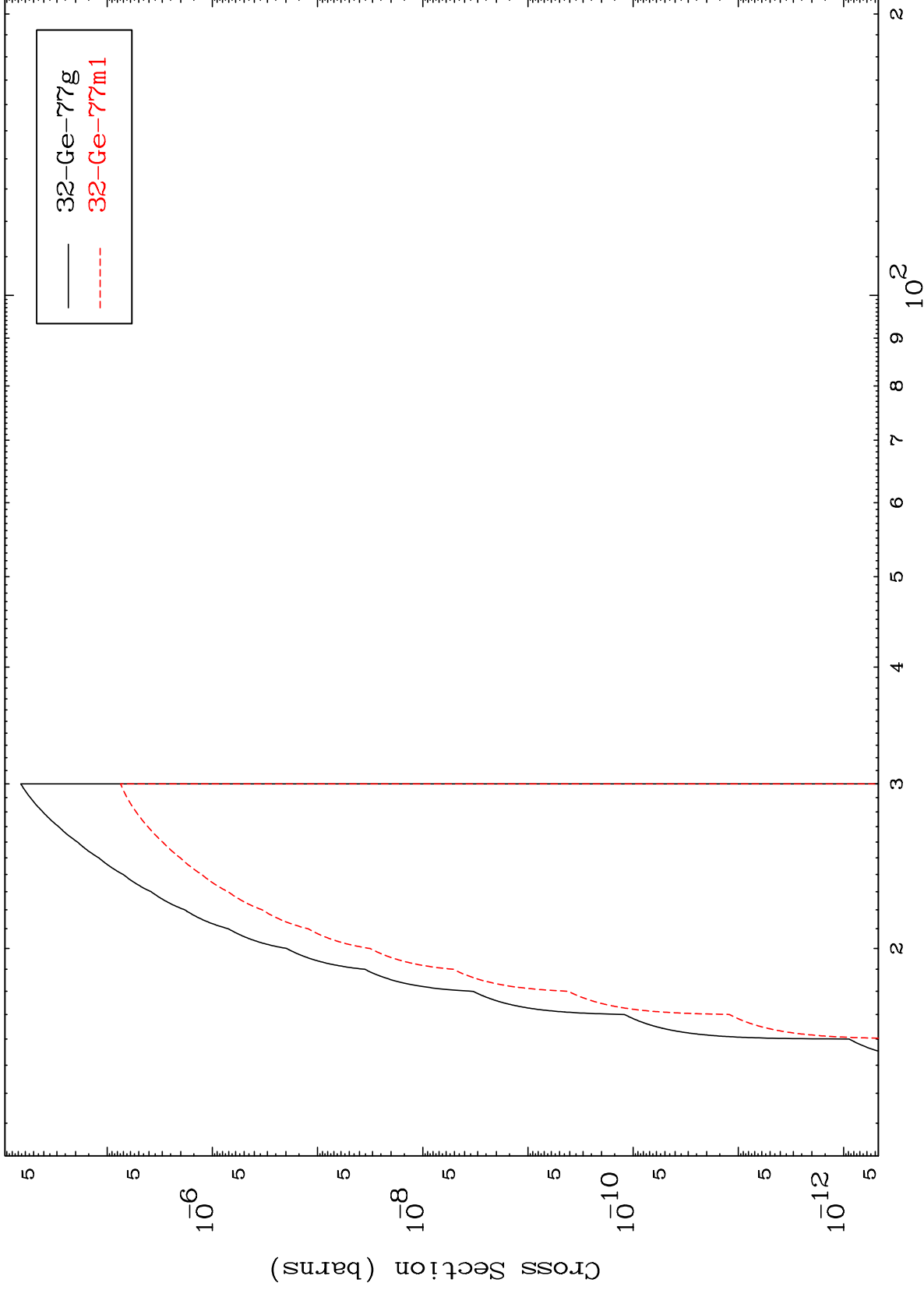
34-Se-78



80

34-Se-78

Radionuclide Production Cross Section

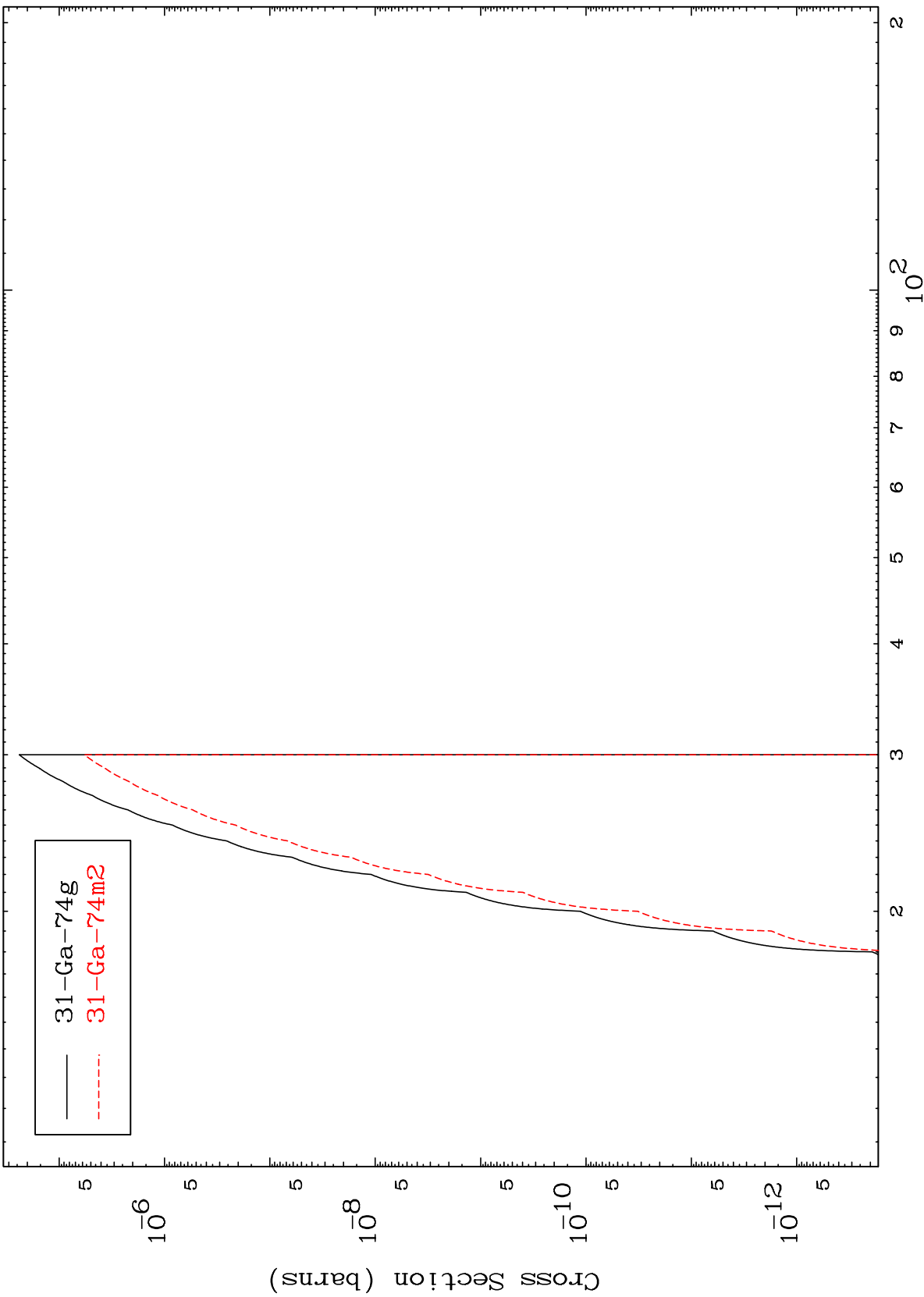


MAT 3437

(n,p) α

³⁴Se-78

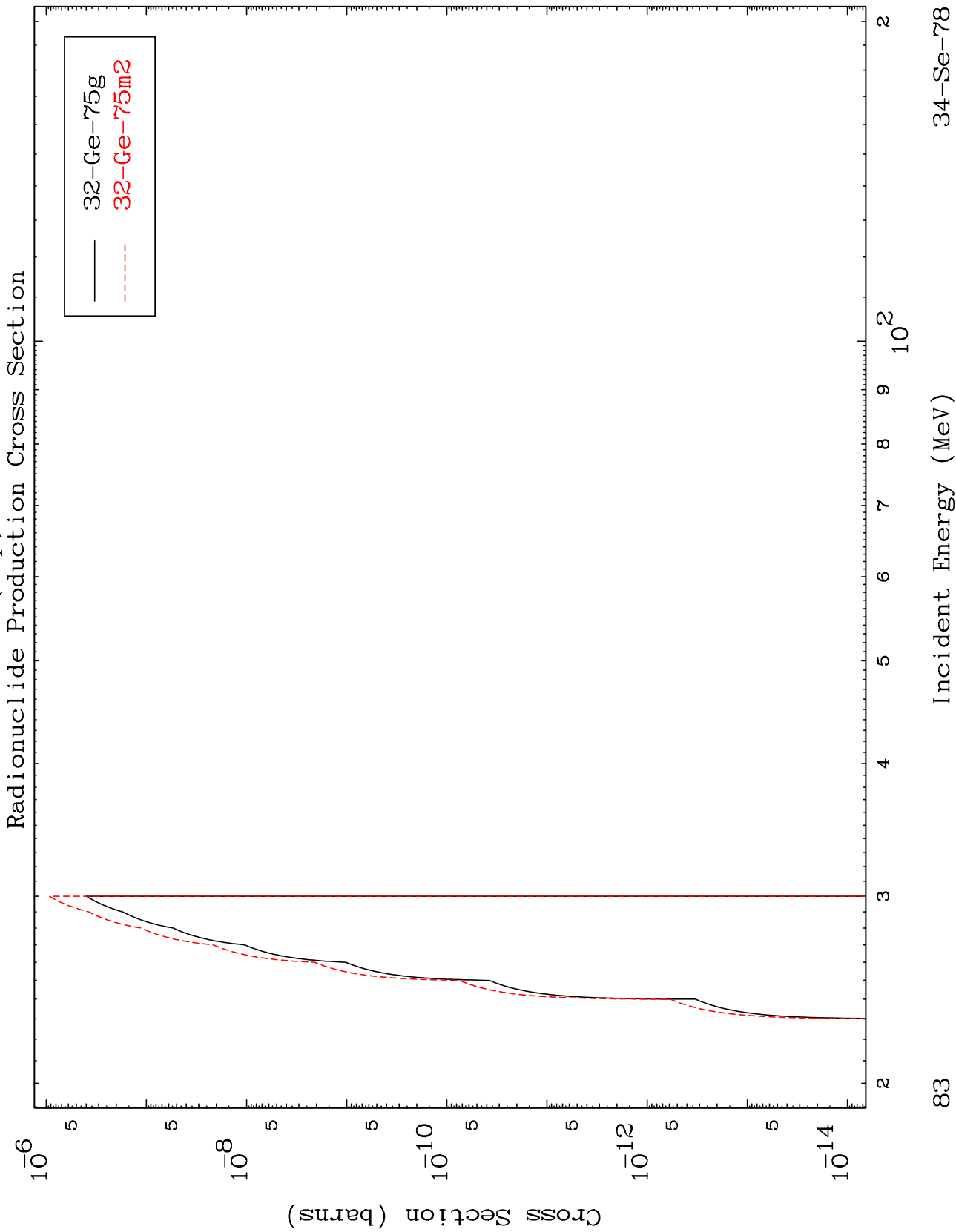
Radionuclide Production Cross Section



MAT 3437

(n,p) t

34-^{Se}-78

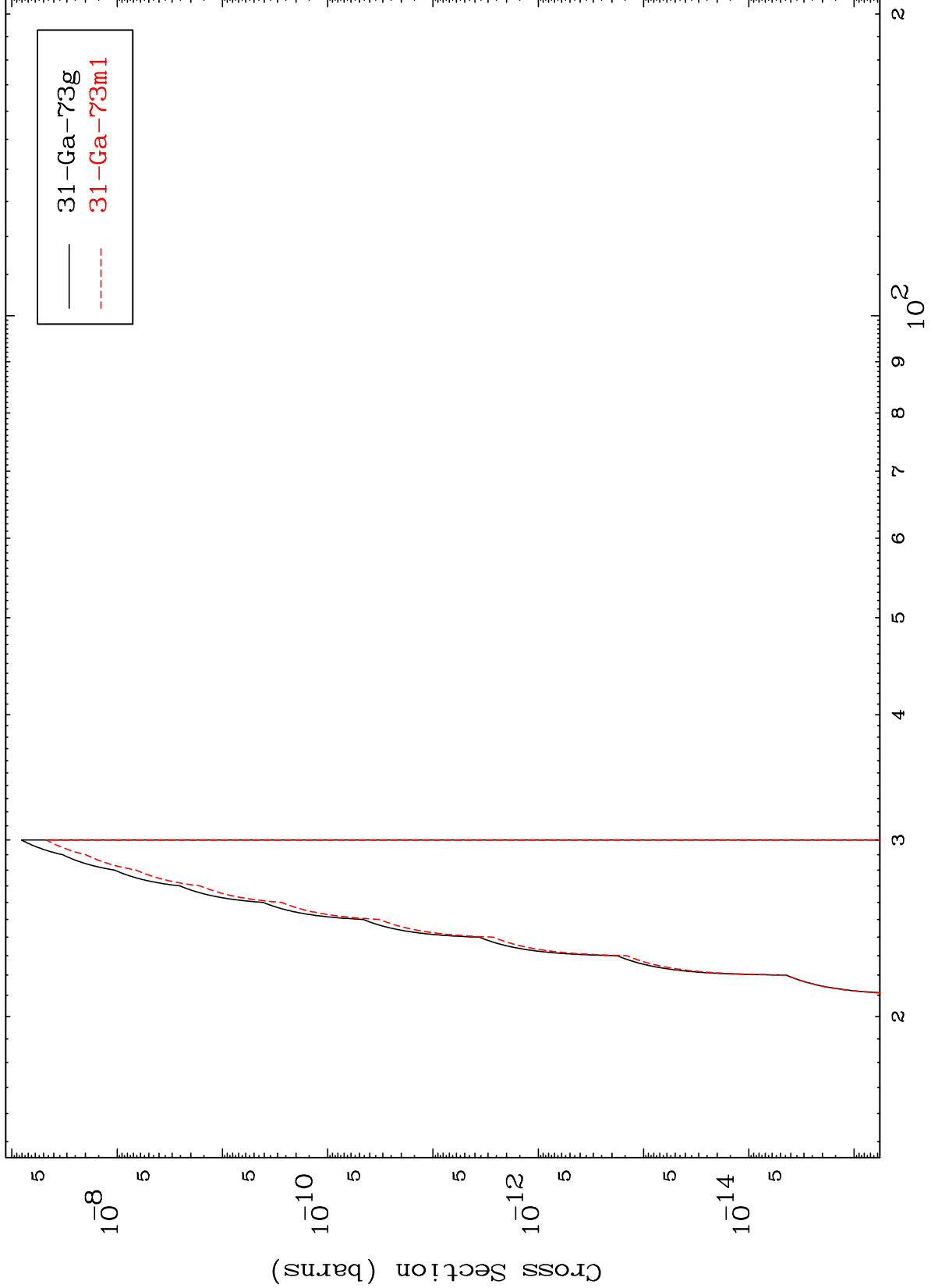


MAT 3437

(n,d) α

³⁴Se-78

Radionuclide Production Cross Section



84

Incident Energy (MeV)

³⁴Se-78