

Program EVALPLOT
(Version 2015-2)

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
Web:home.comcast.net/~redcullen1

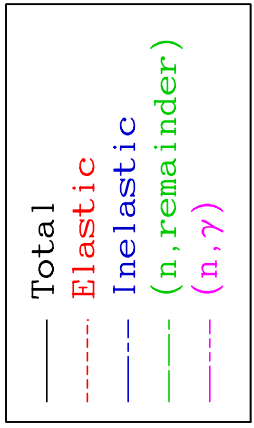
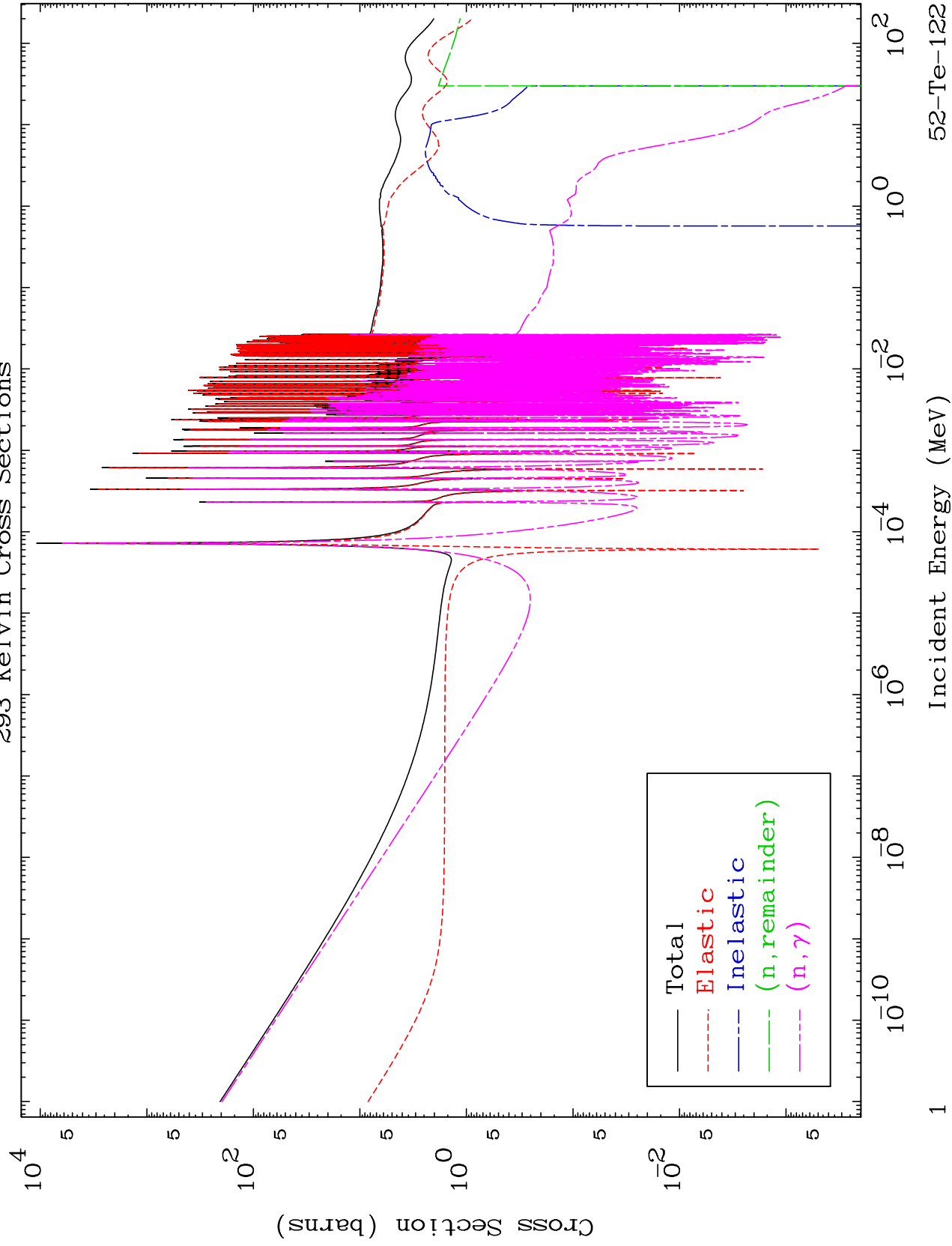
Press Mouse Button to Start

MAT 5231

Major

293 Kelvin Cross Sections

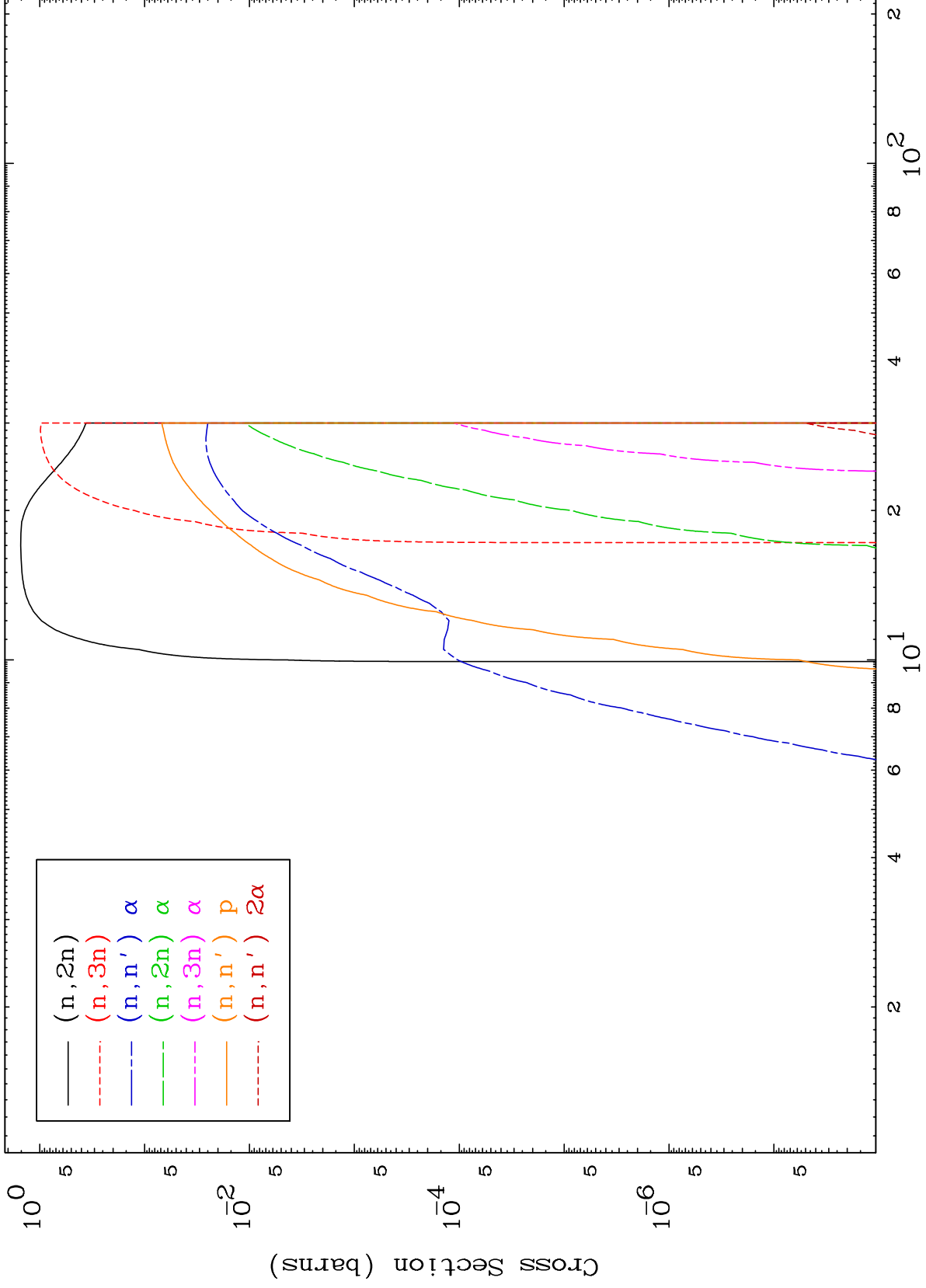
52-Te-122

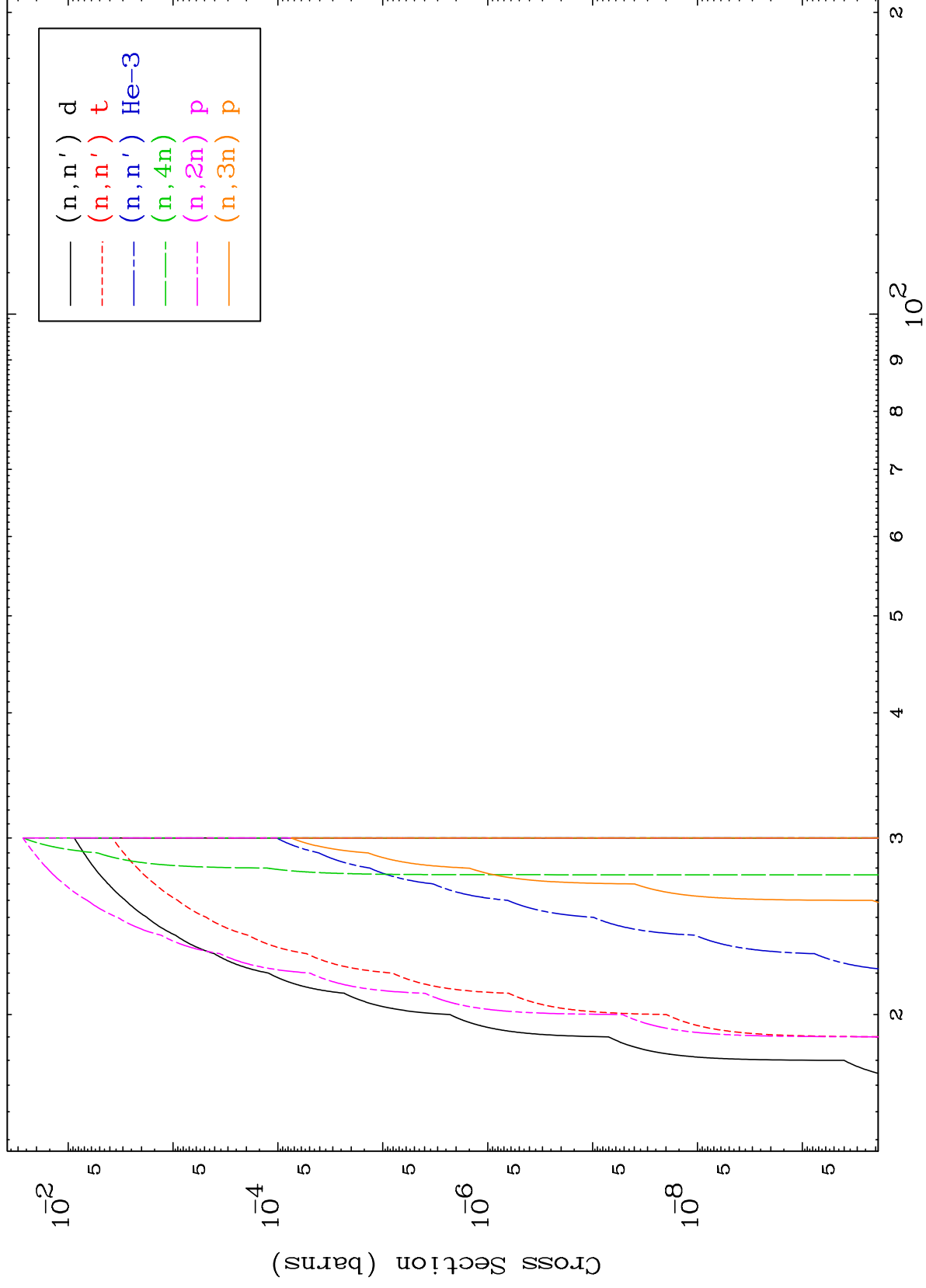


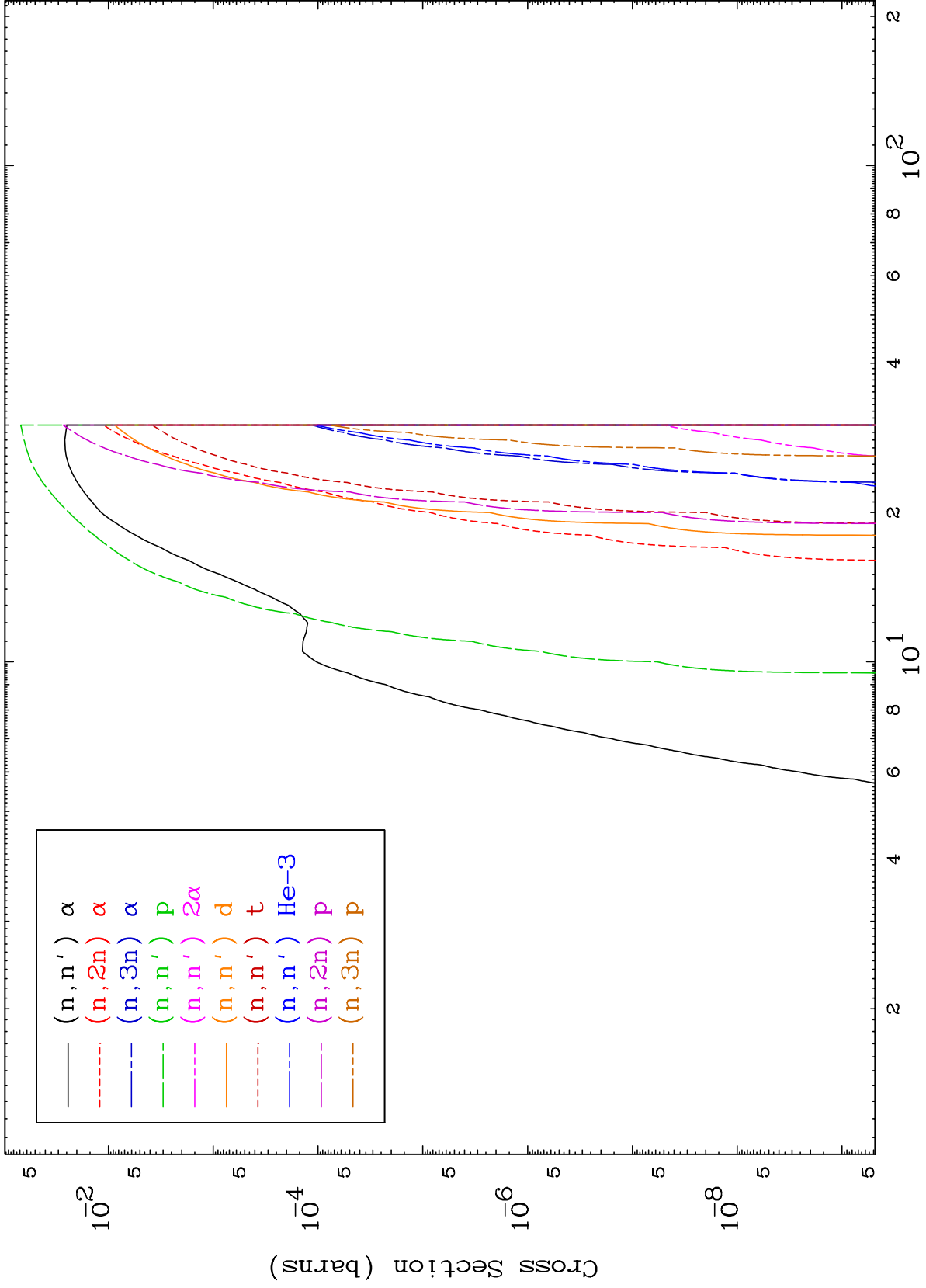
MAT 5231

Neutron Production
293 Kelvin Cross Sections

52-Te-122



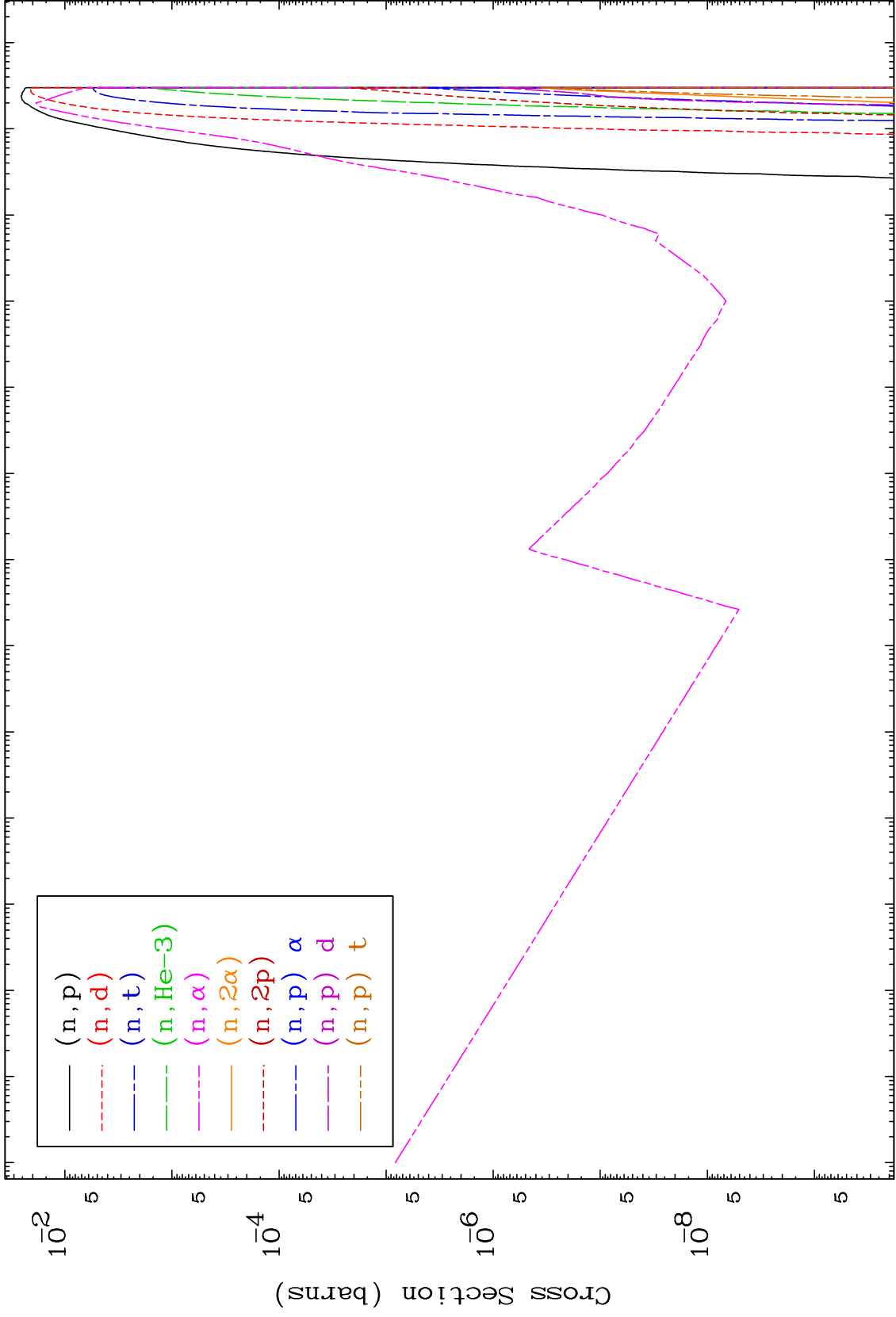




MAT 5231

Charged Particle
293 Kelvin Cross Sections

52-Te-122



5

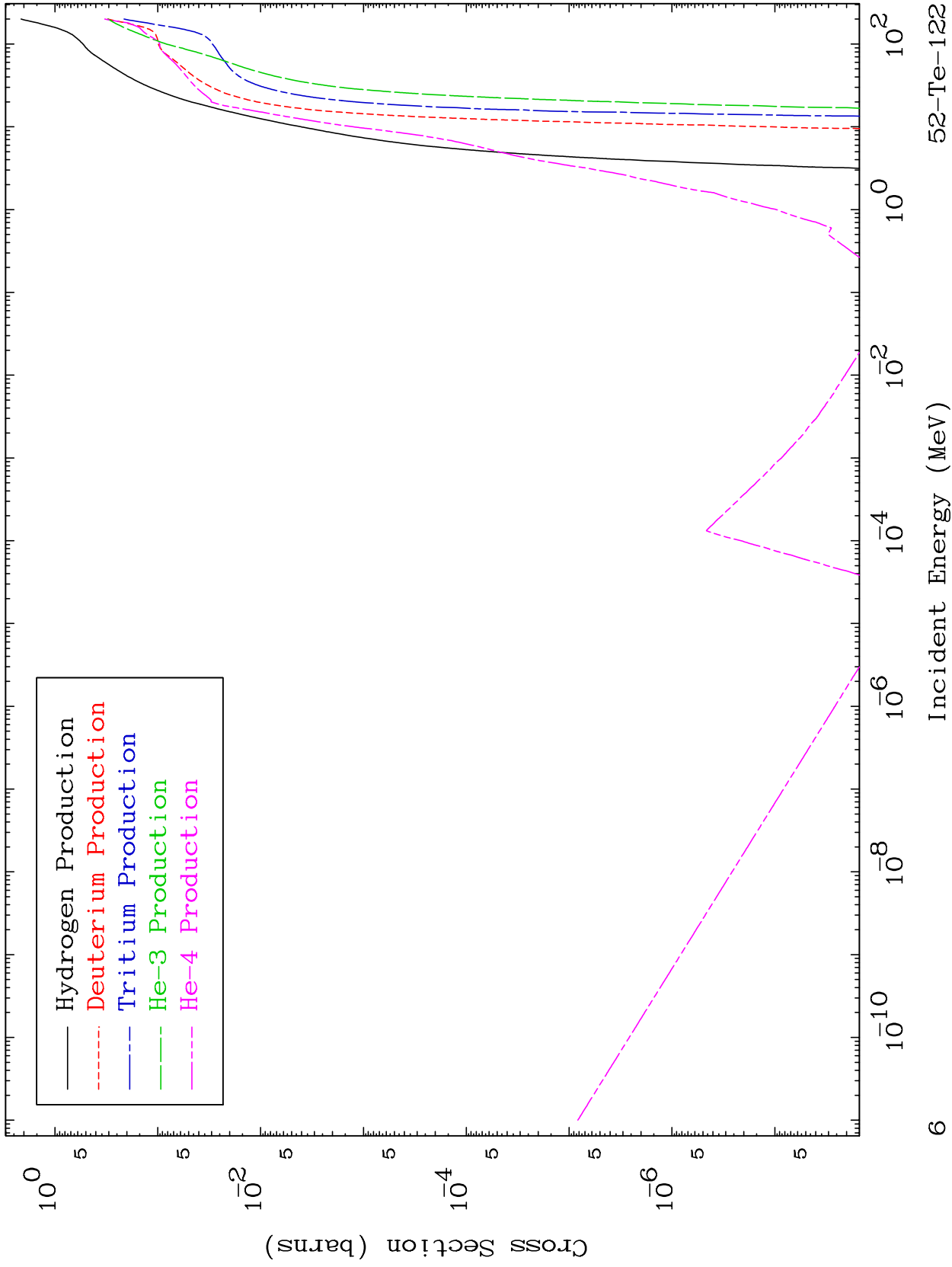
Incident Energy (MeV)

52-Te-122

MAT 5231

Particle Production
293 Kelvin Cross Sections

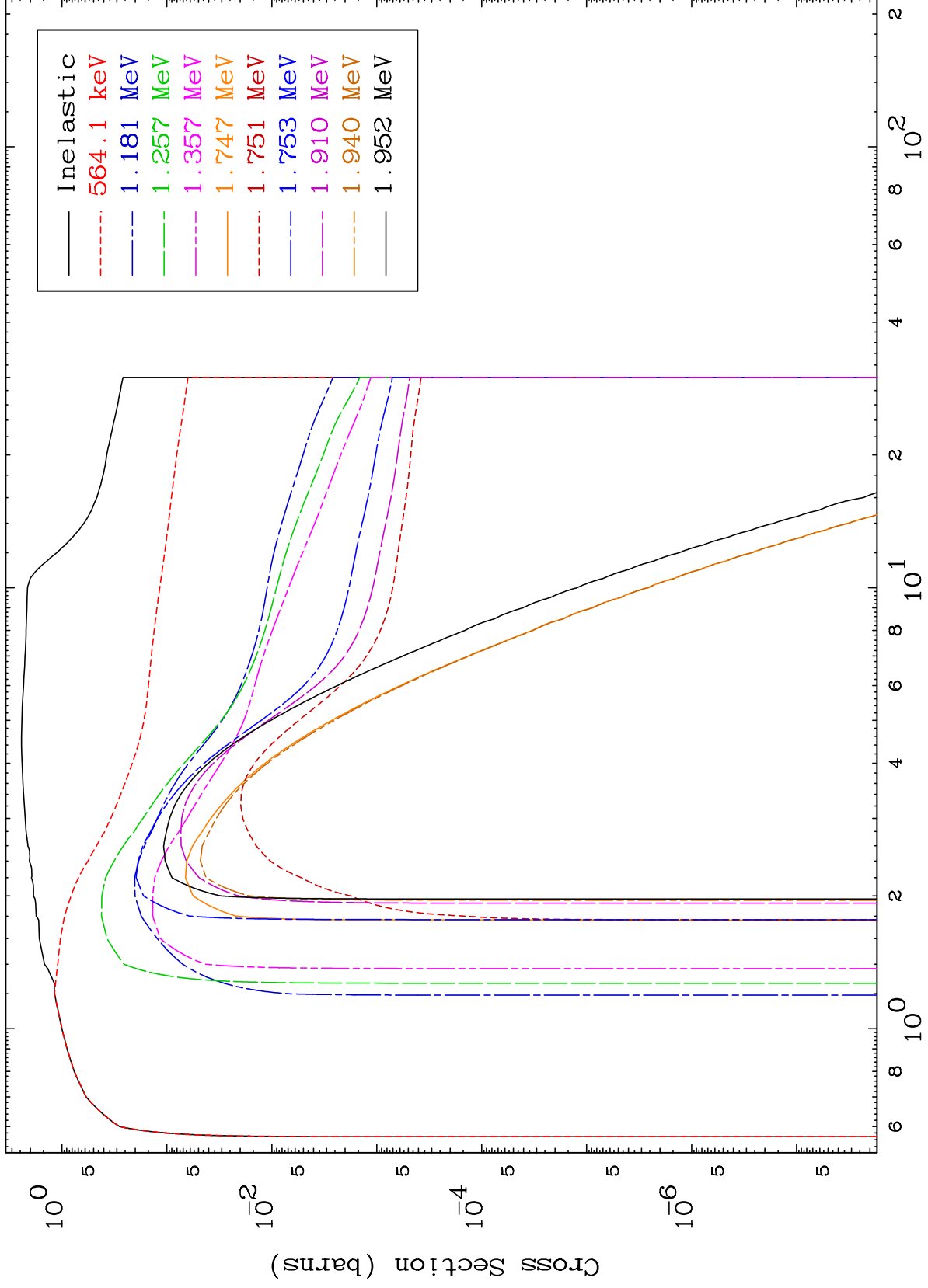
52-Te-122



MAT 5231

(n,n') Level
293 Kelvin Cross Sections

52-Te-122



7

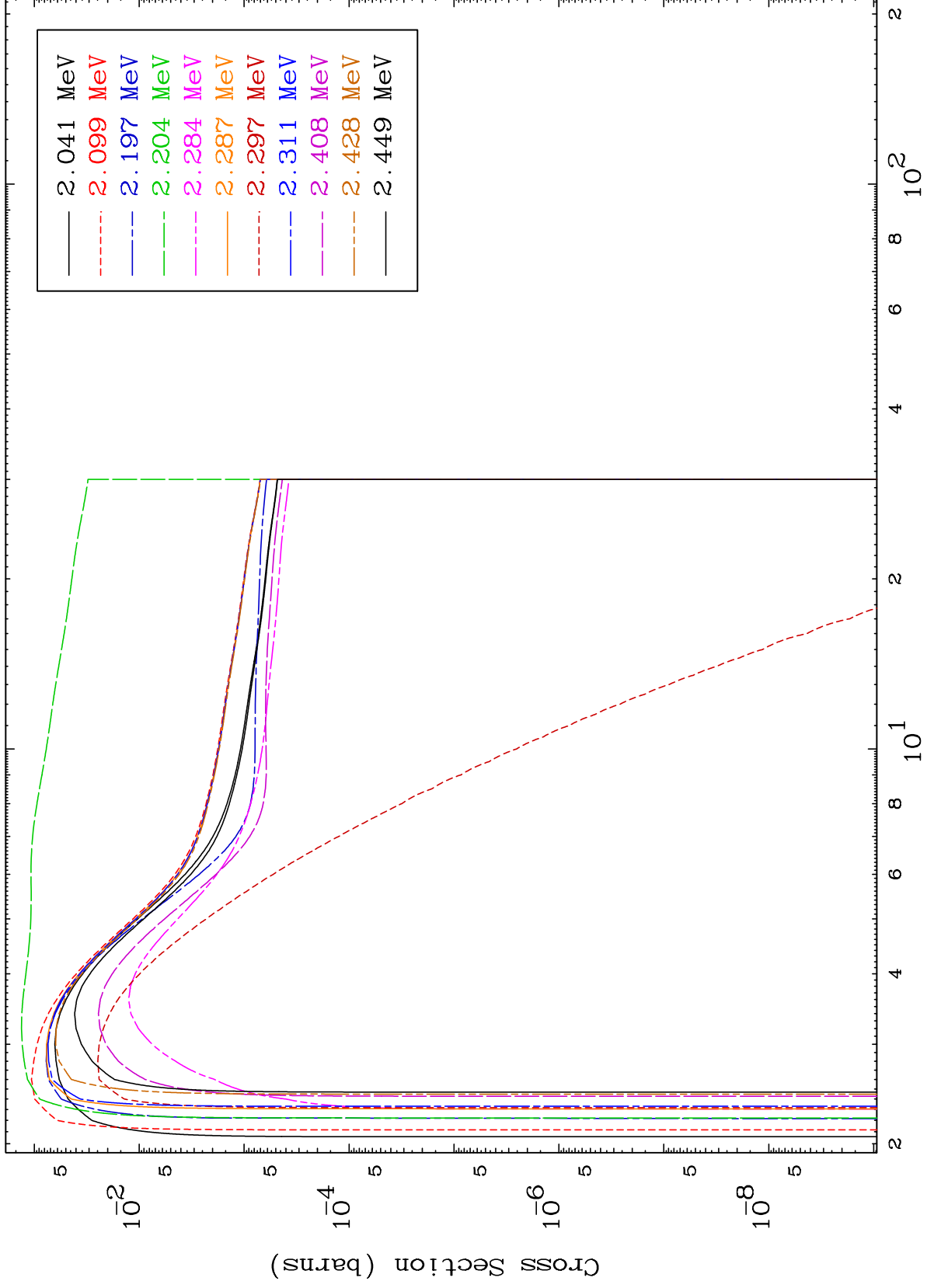
Incident Energy (MeV)

52-Te-122

MAT 5231

(n,n') Level
293 Kelvin Cross Sections

52-Te-122



8

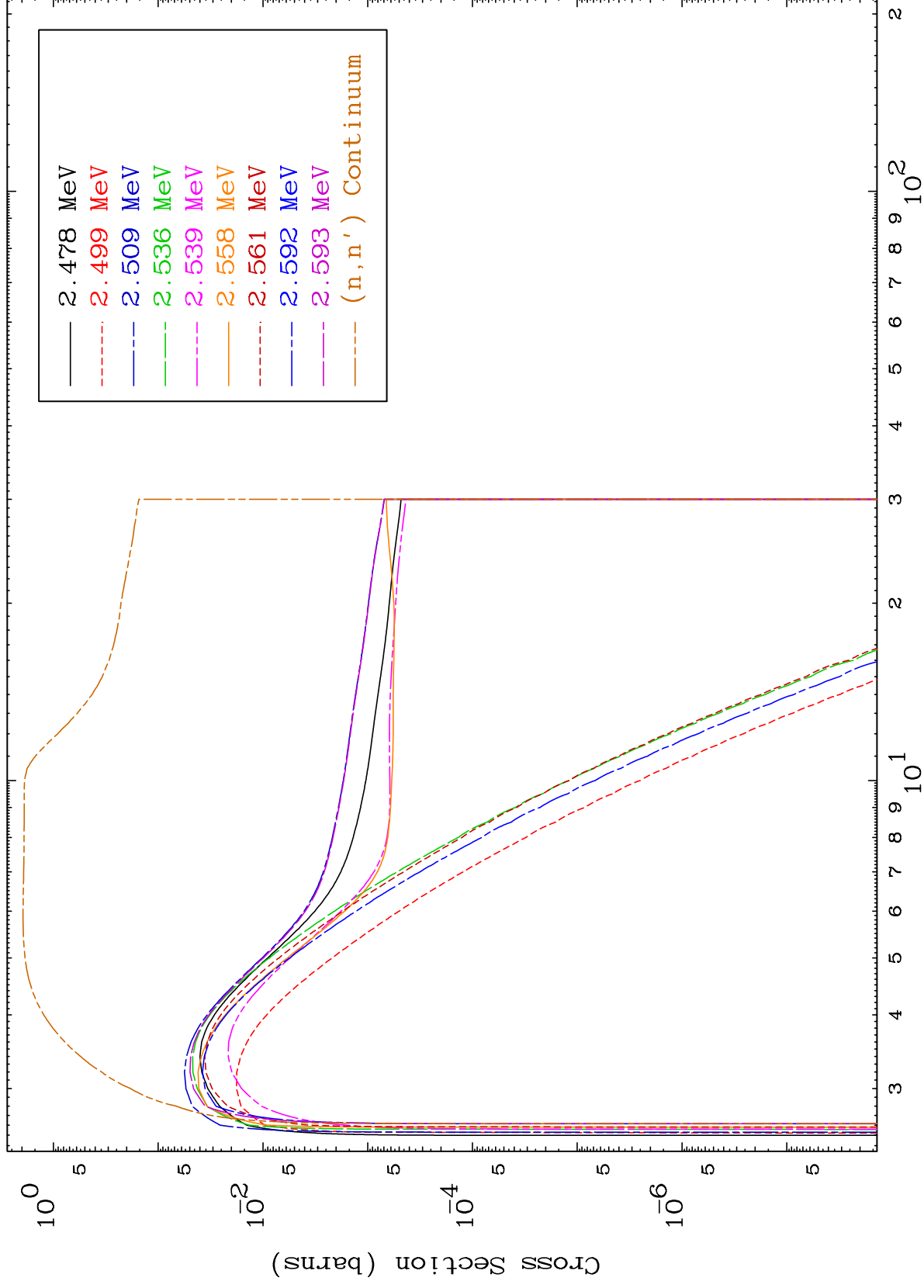
Incident Energy (MeV)

52-Te-122

MAT 5231

(n,n') Level
293 Kelvin Cross Sections

52-Te-122



9

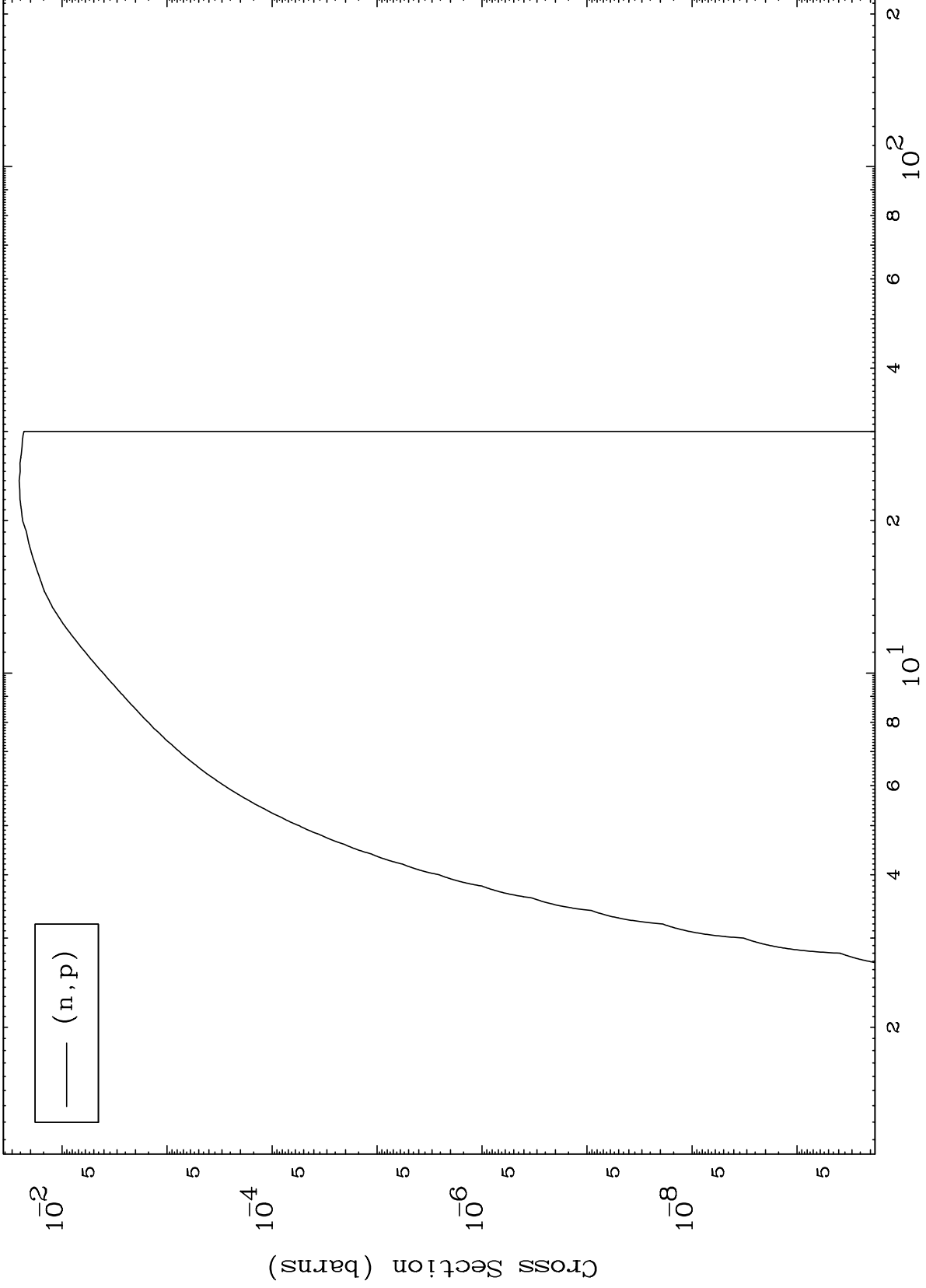
Incident Energy (MeV)

52-Te-122

MAT 5231

(n,p) Levels
293 Kelvin Cross Sections

52-Te-122



10

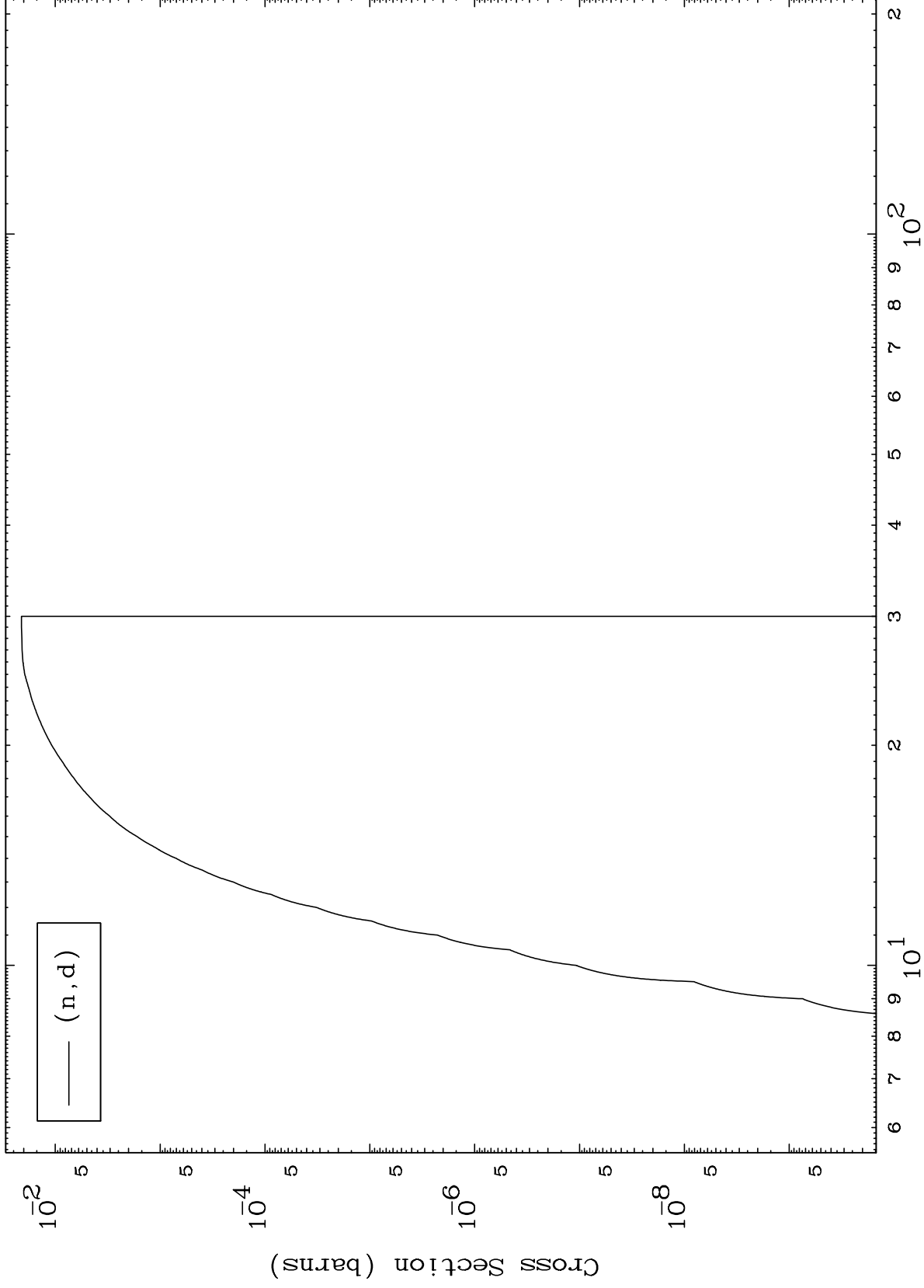
Incident Energy (MeV)

52-Te-122

MAT 5231

(n,d) Levels
293 Kelvin Cross Sections

52-Te-122



11

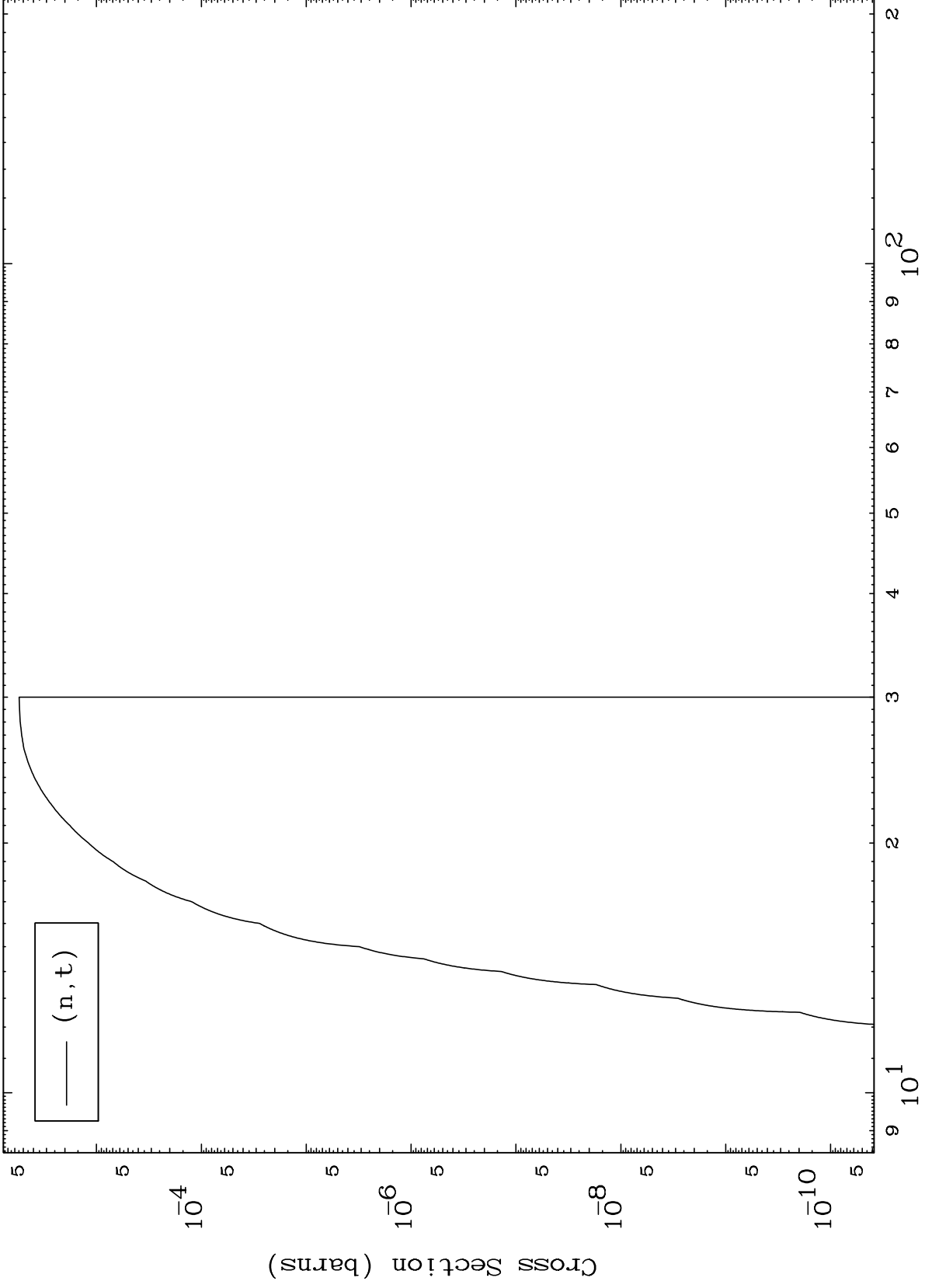
Incident Energy (MeV)

52-Te-122

MAT 5231

(n,t) Levels
293 Kelvin Cross Sections

52-Te-122



12

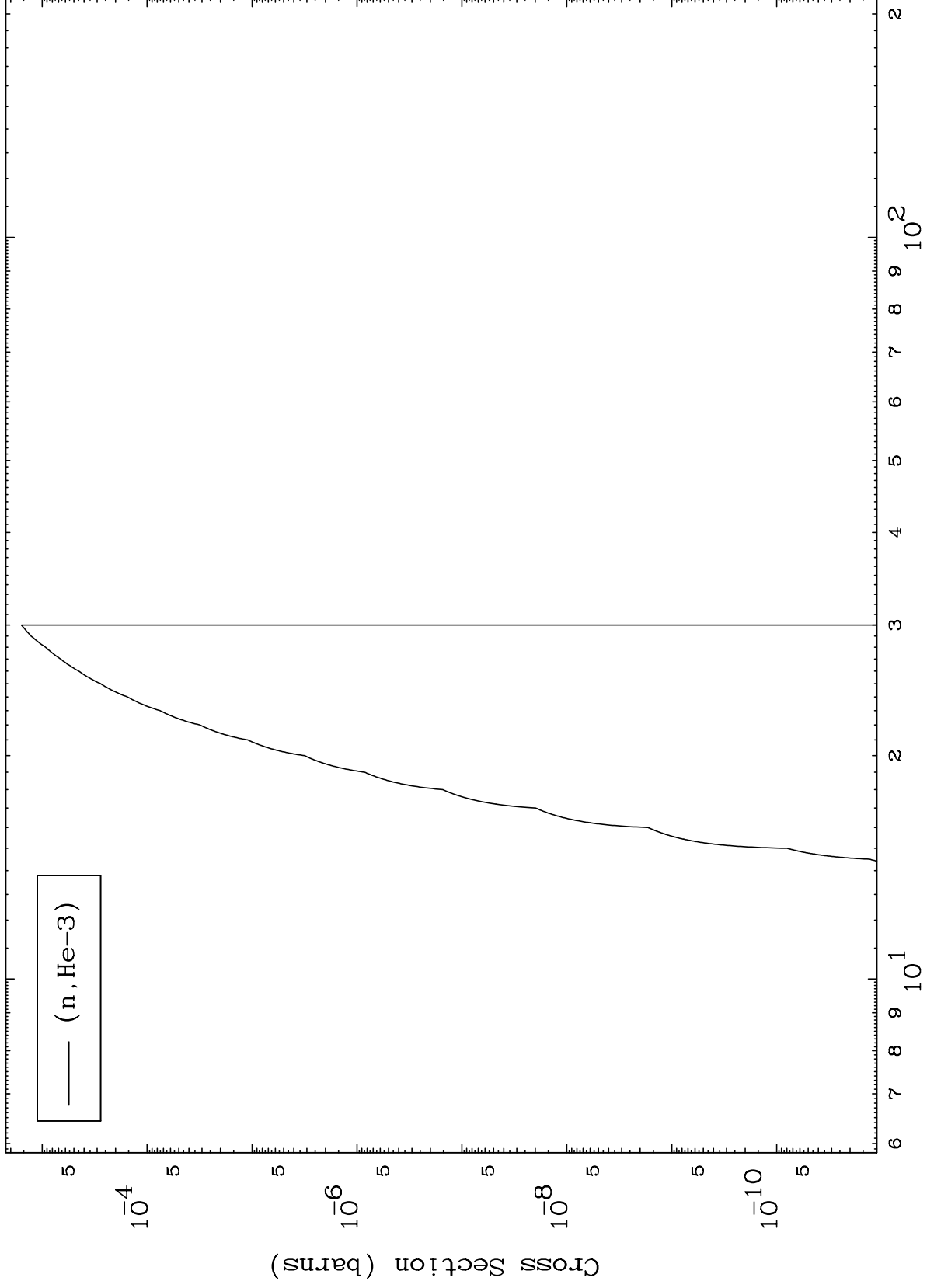
Incident Energy (MeV)

52-Te-122

MAT 5231

(n,He3) Levels
293 Kelvin Cross Sections

52-Te-122



13

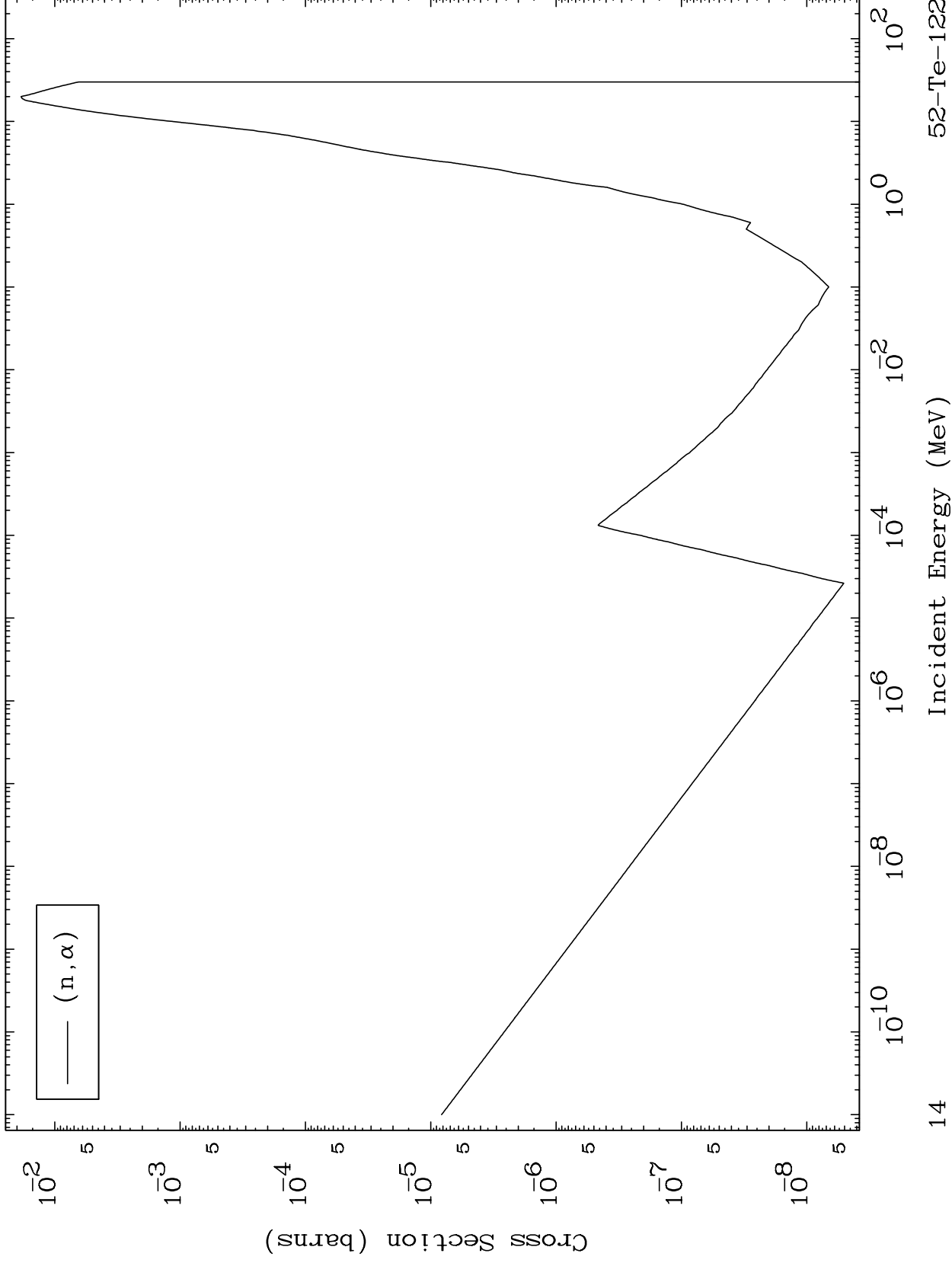
Incident Energy (MeV)

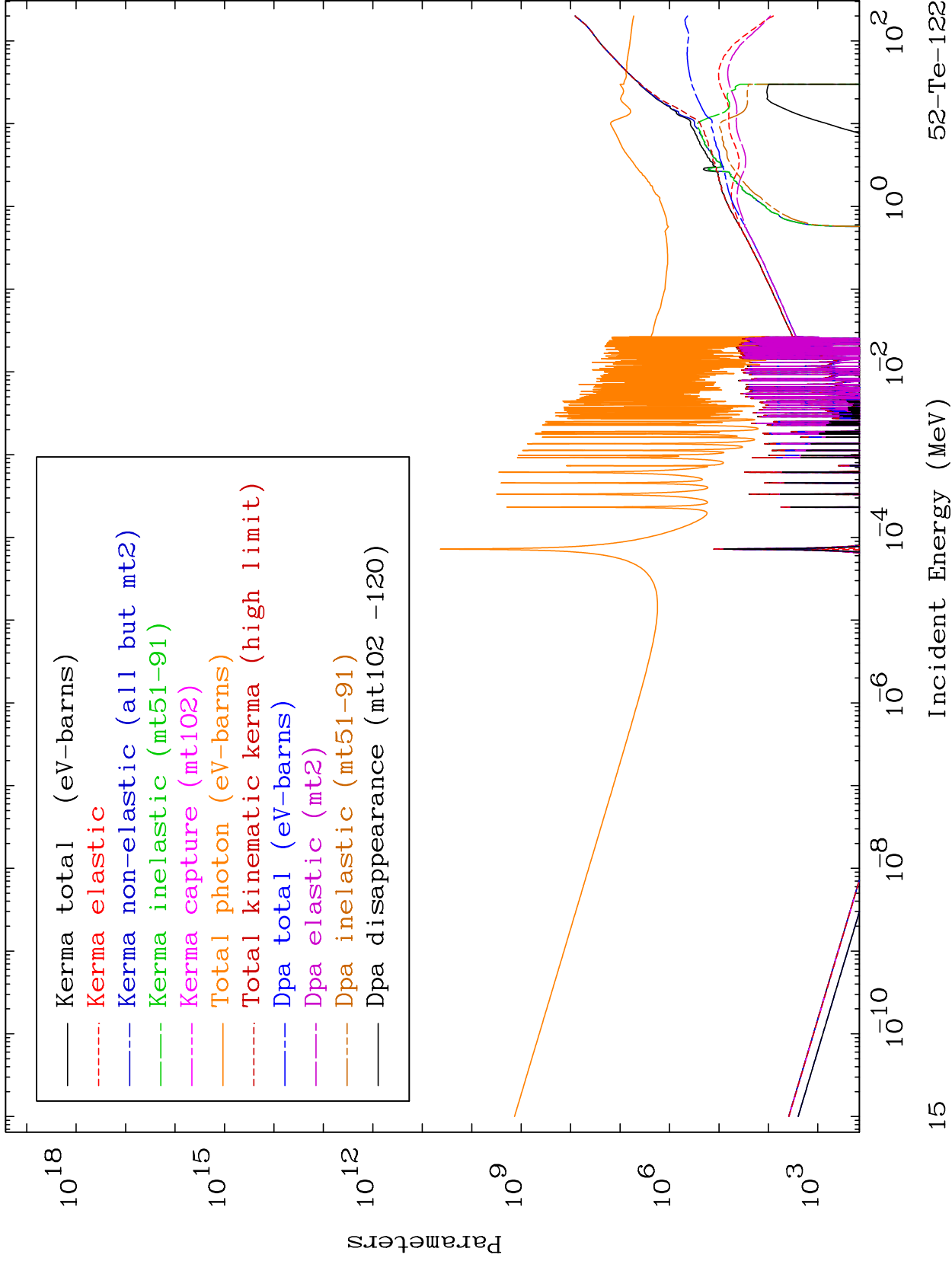
52-Te-122

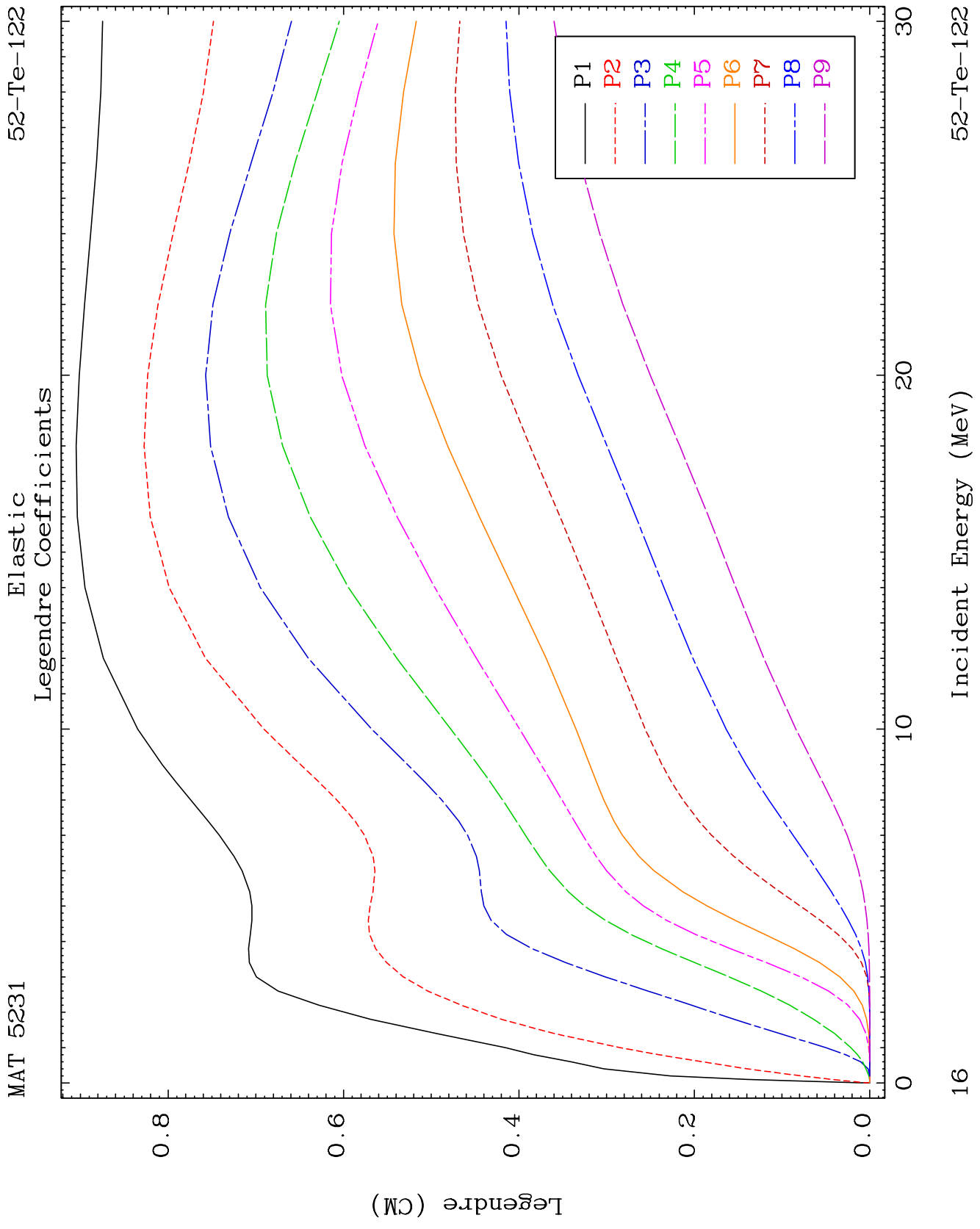
MAT 5231

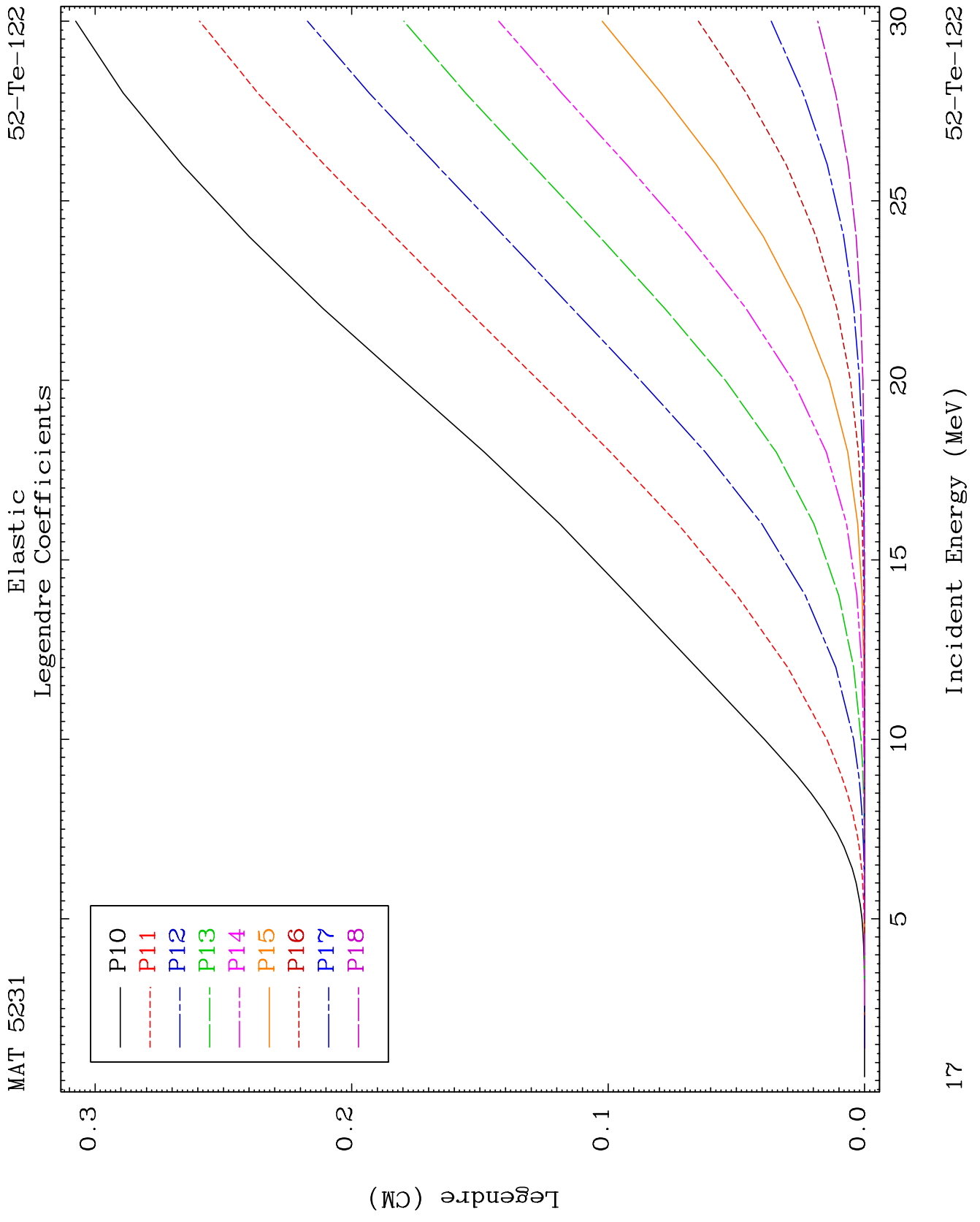
(n,α) Levels
293 Kelvin Cross Sections

52-Te-122





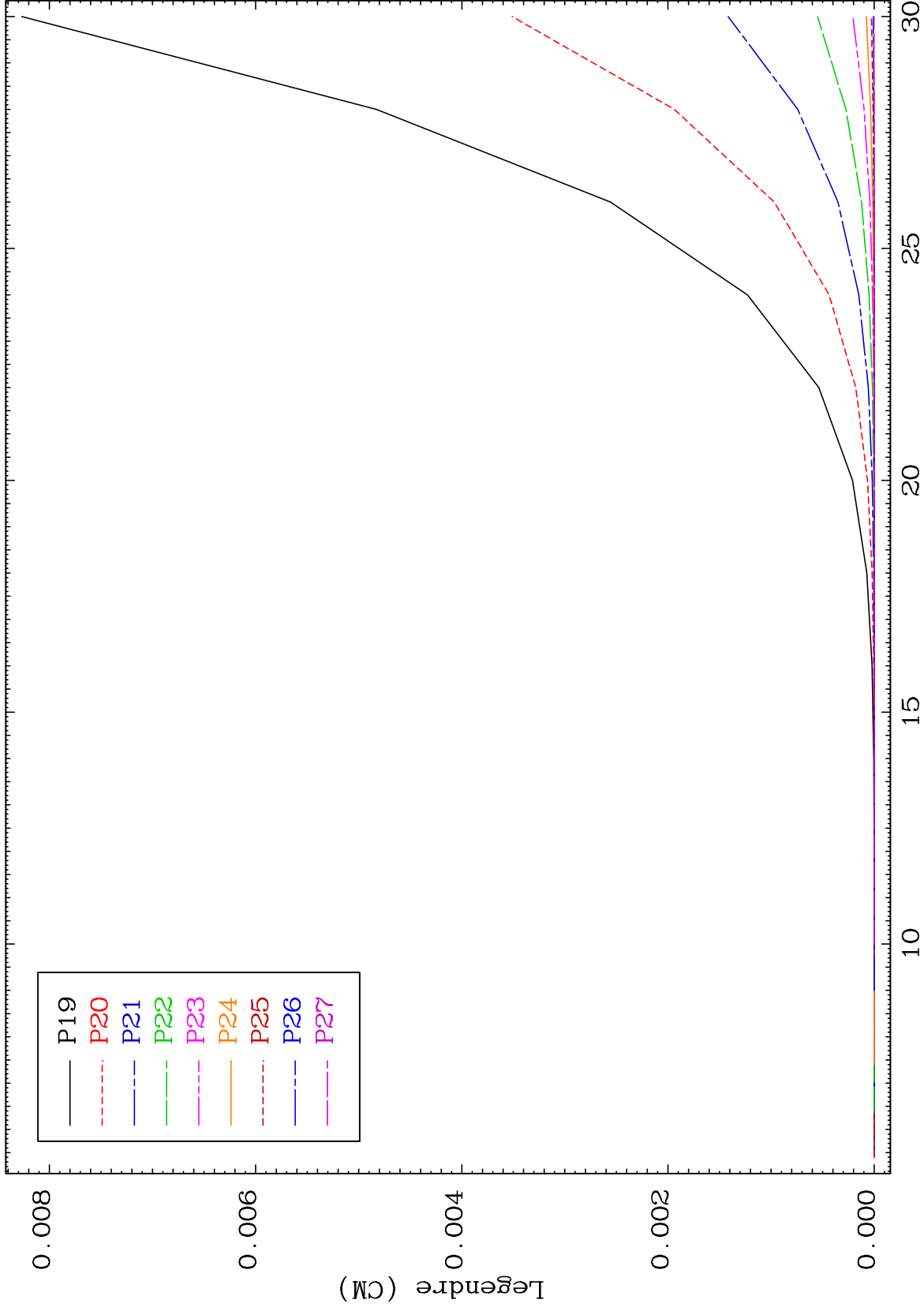




MAT 5231

Elastic
Legendre Coefficients

52-Te-122



18

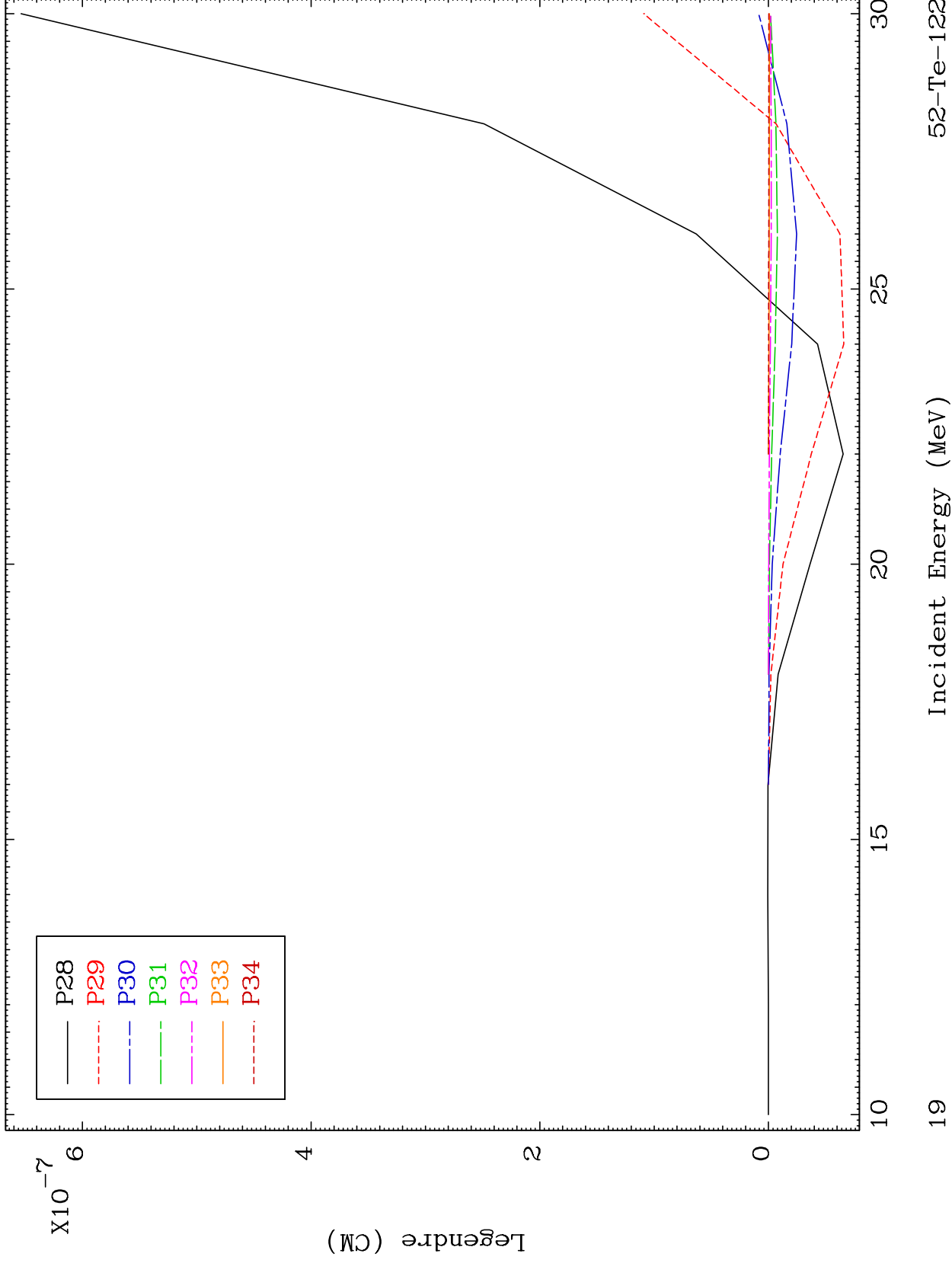
Incident Energy (MeV)

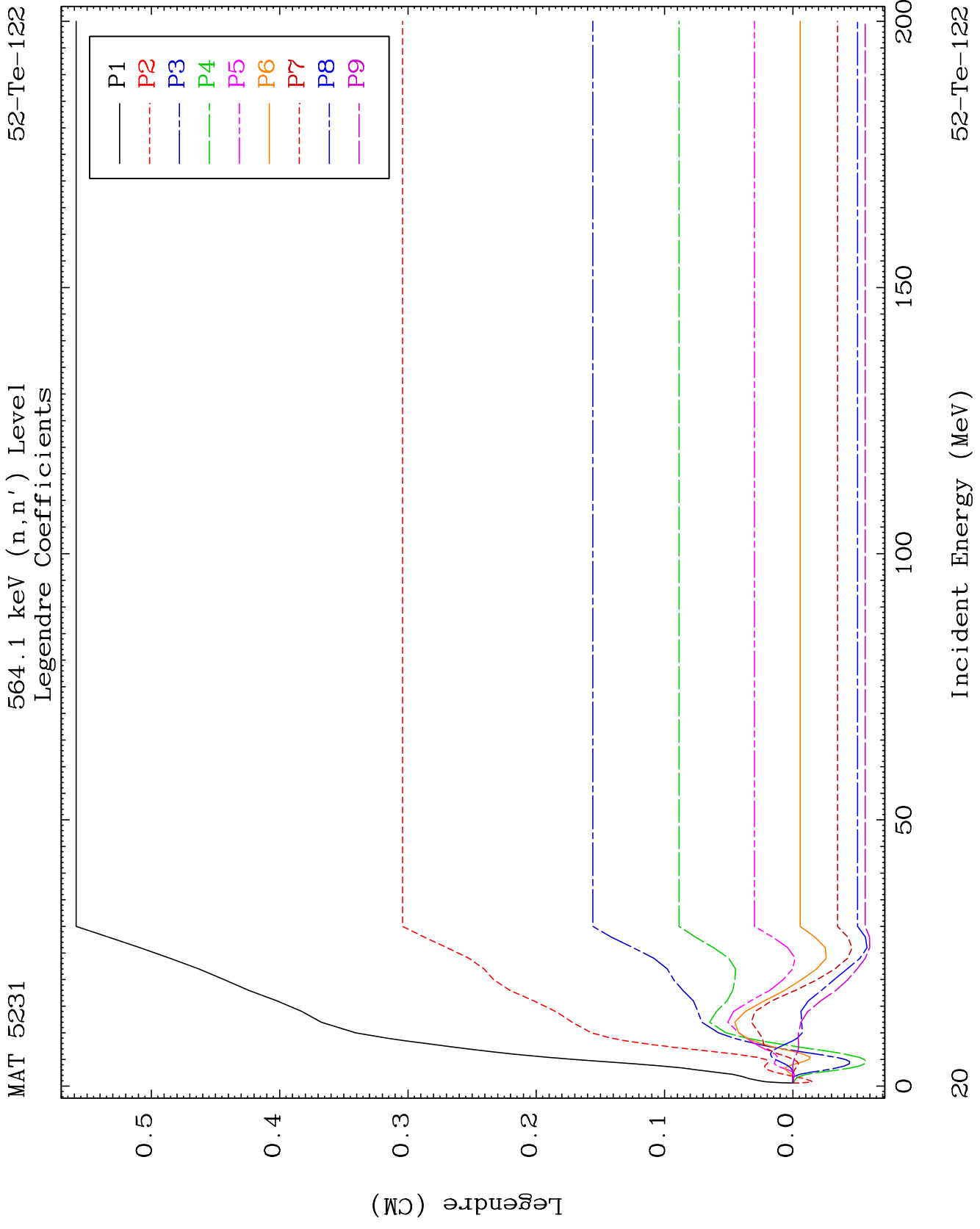
52-Te-122

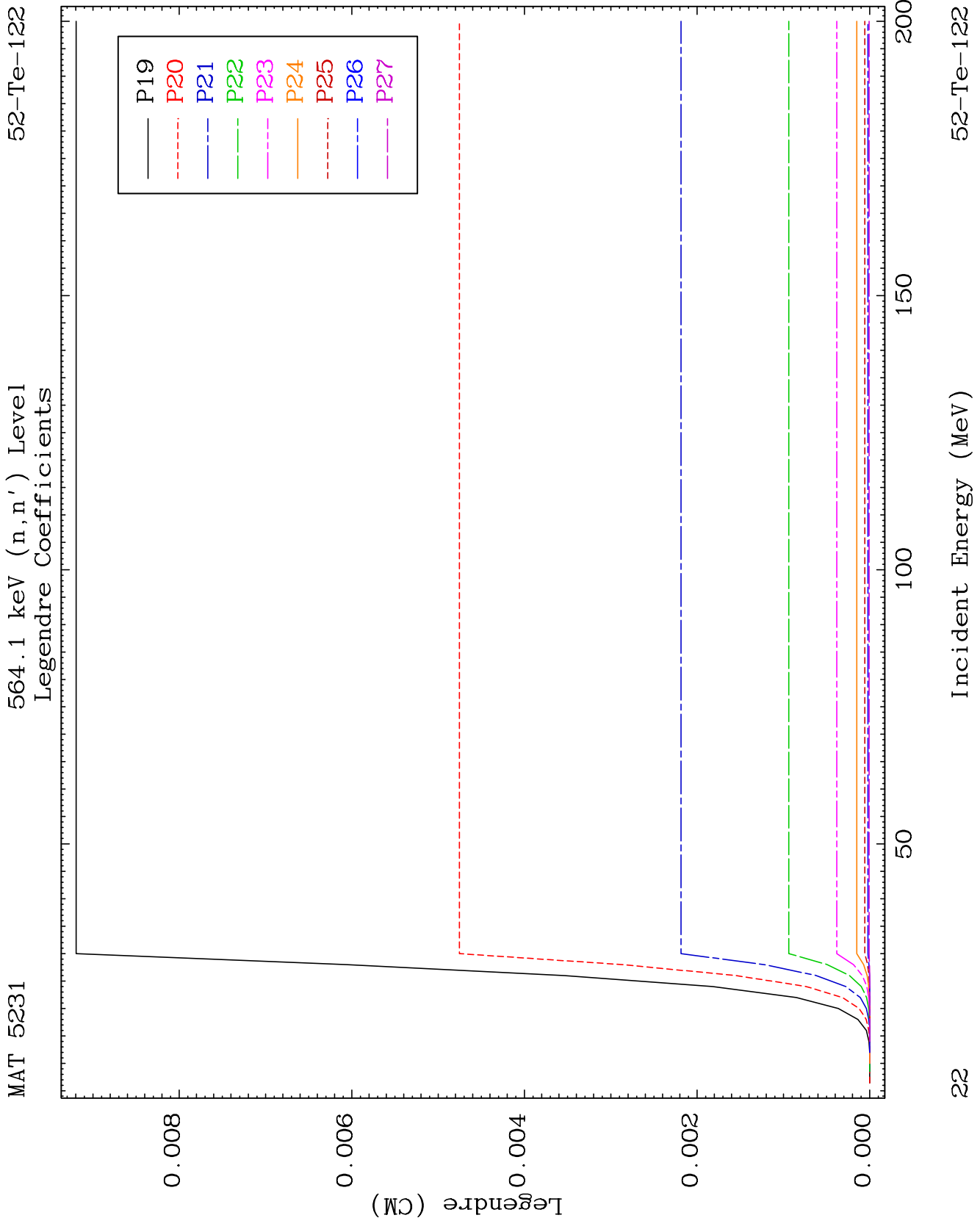
MAT 5231

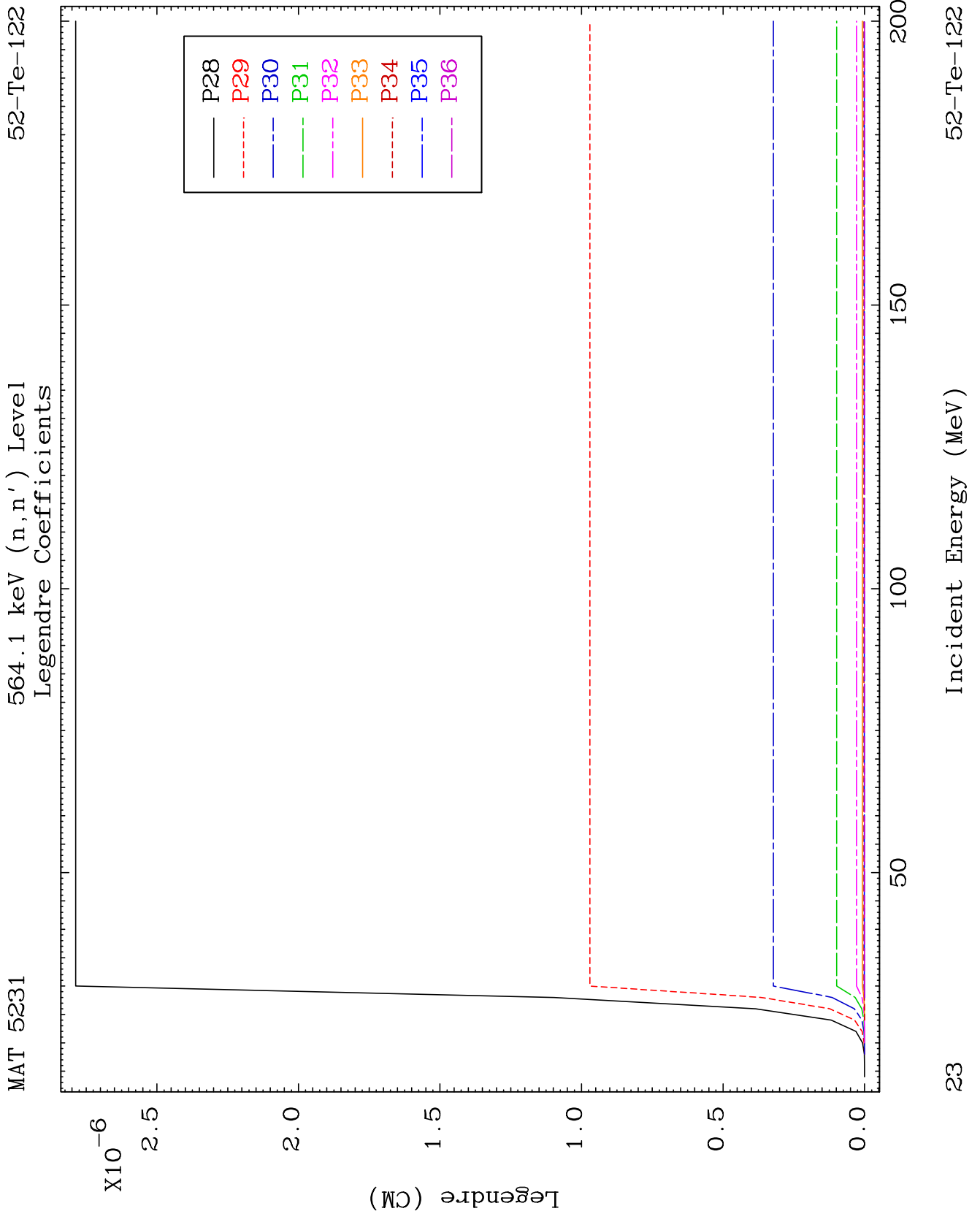
Elastic Legendre Coefficients

52-Te-122





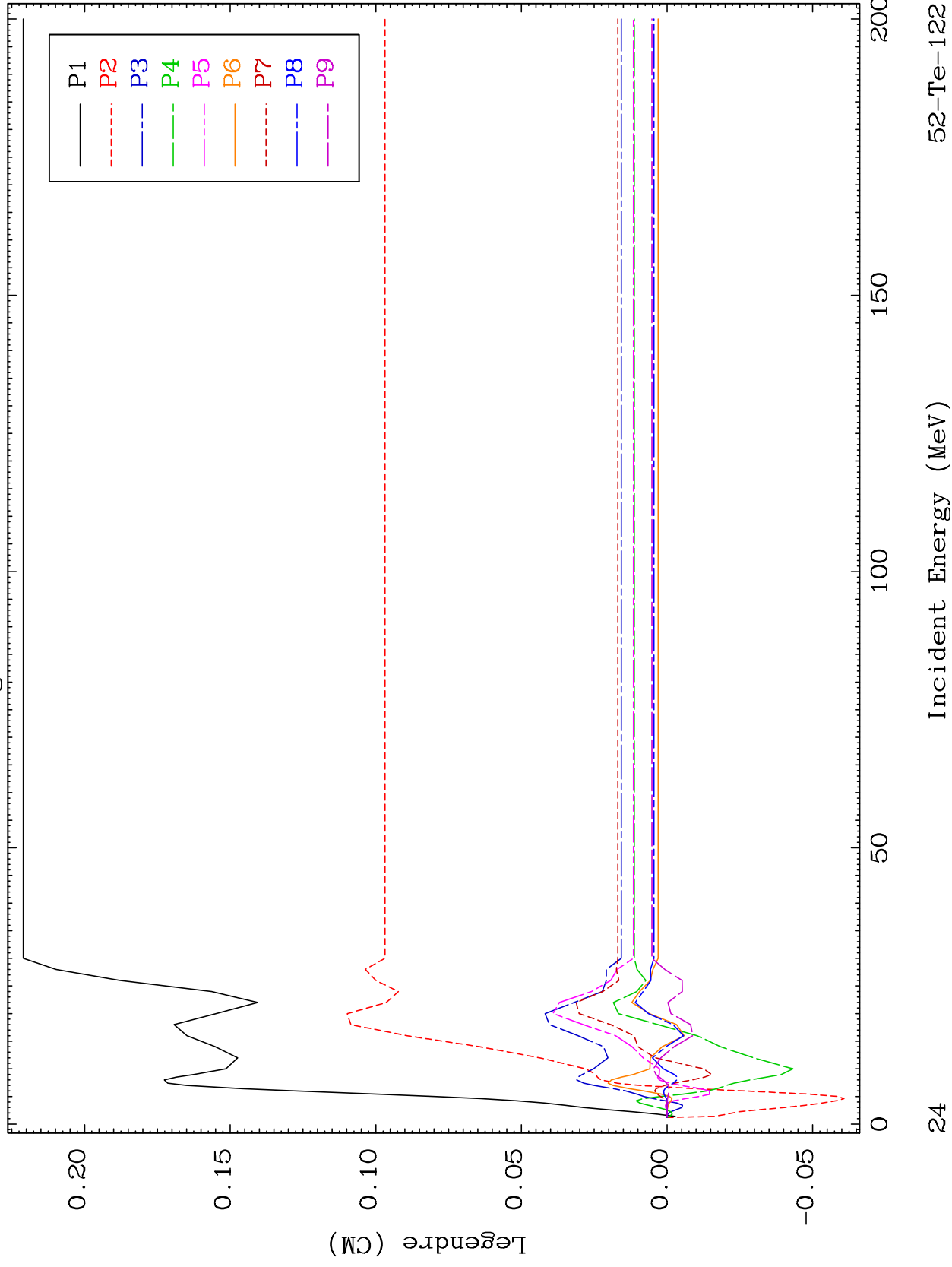




MAT 5231

1.181 MeV (n,n') Level
Legendre Coefficients

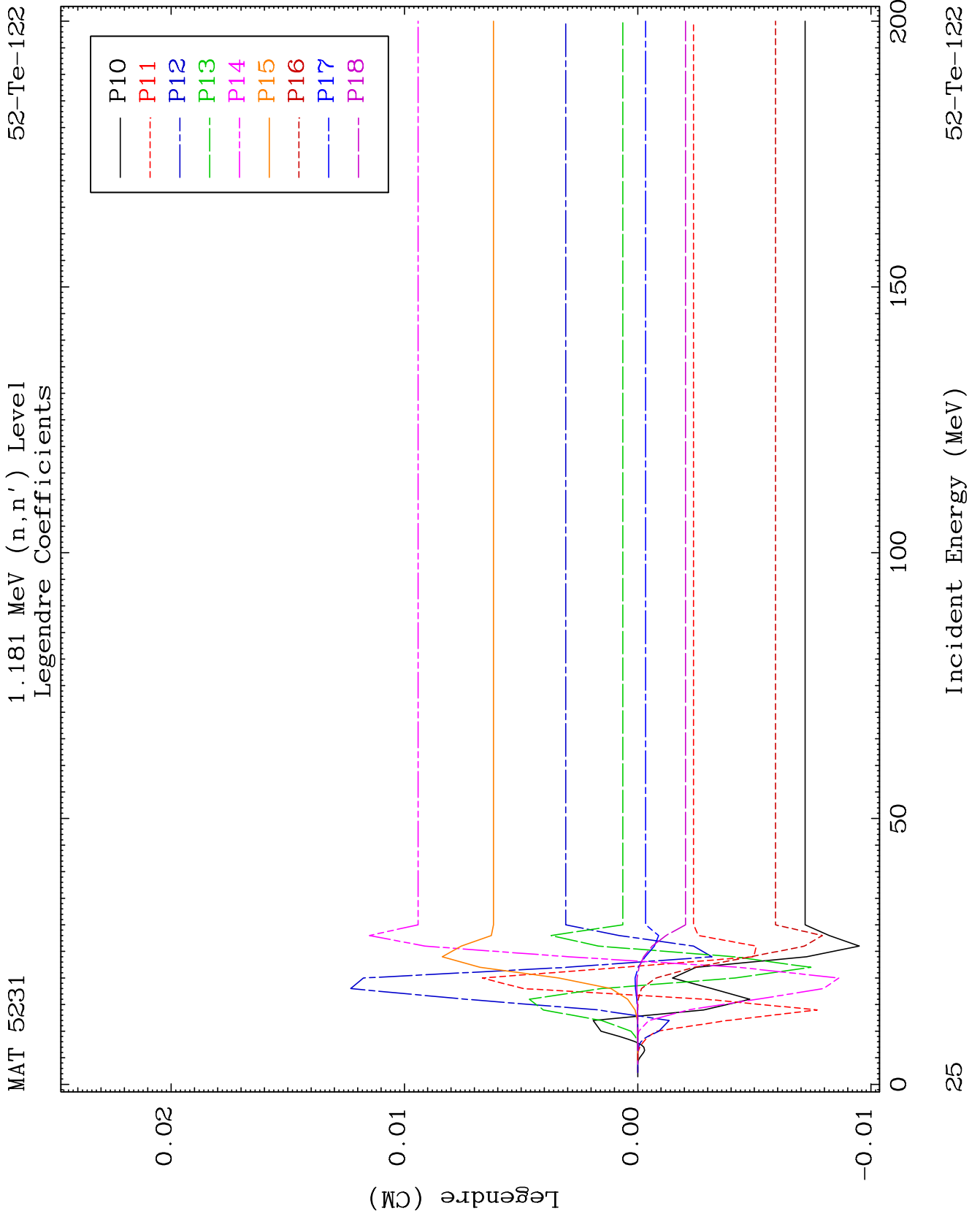
52-Te-122

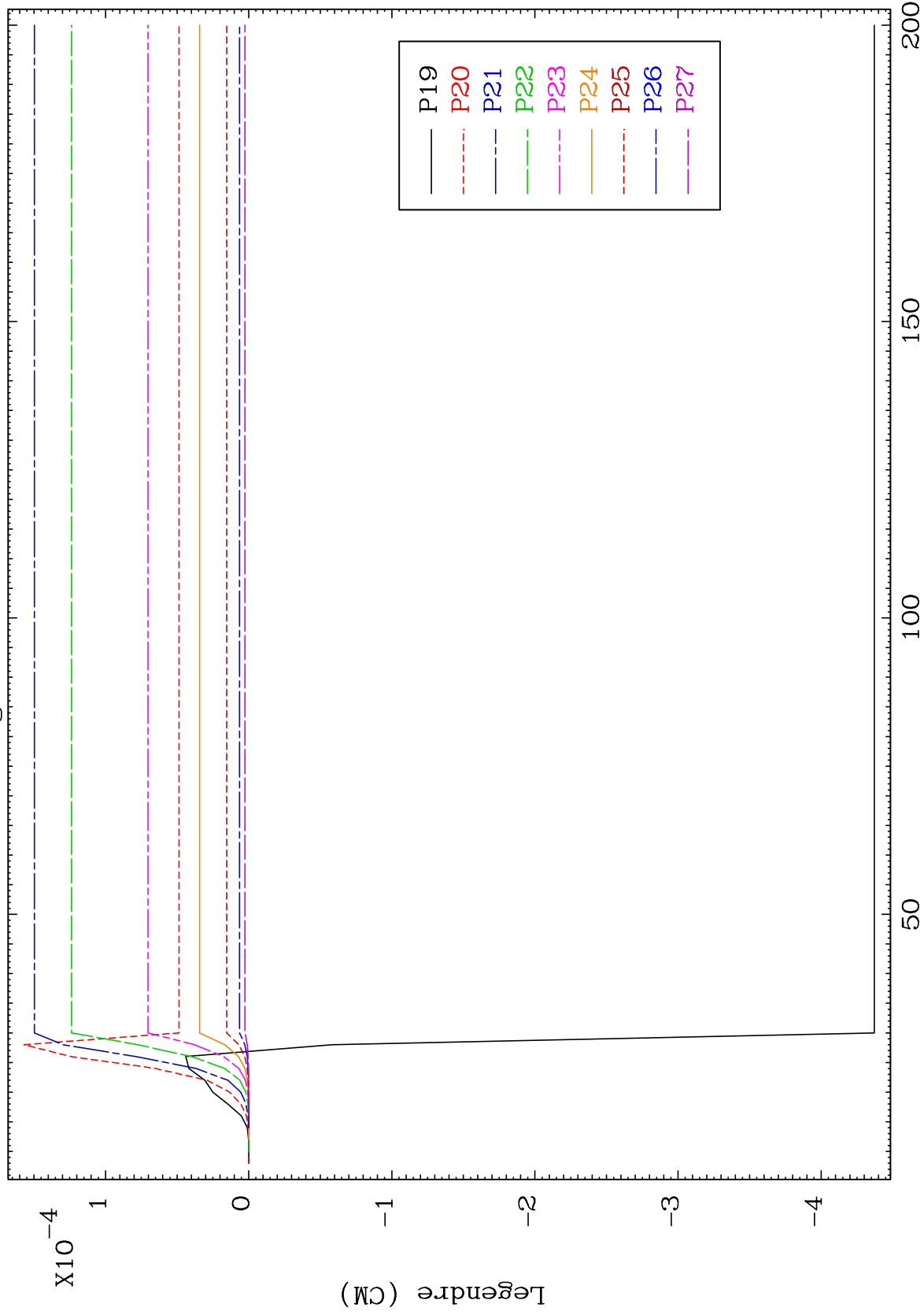


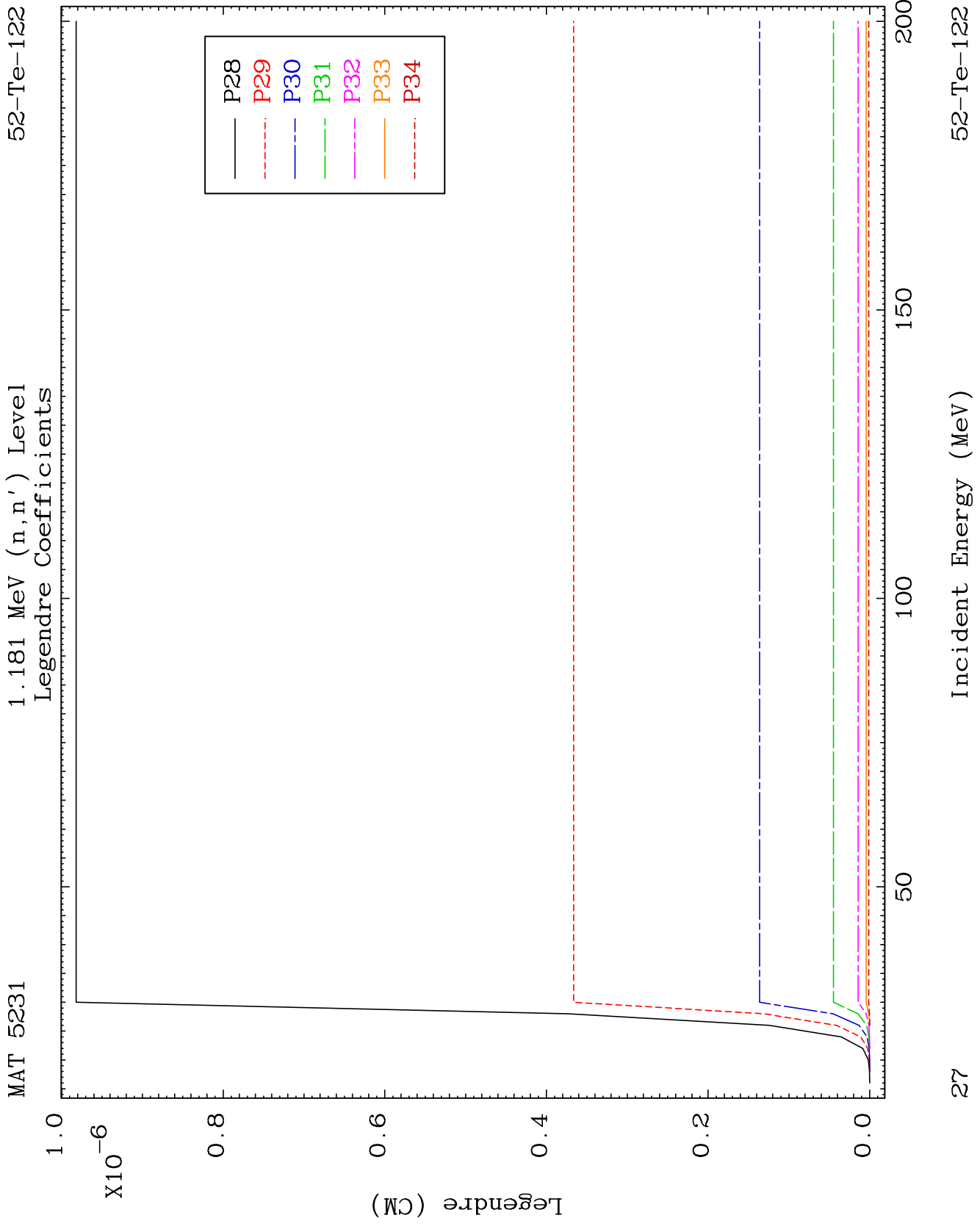
24

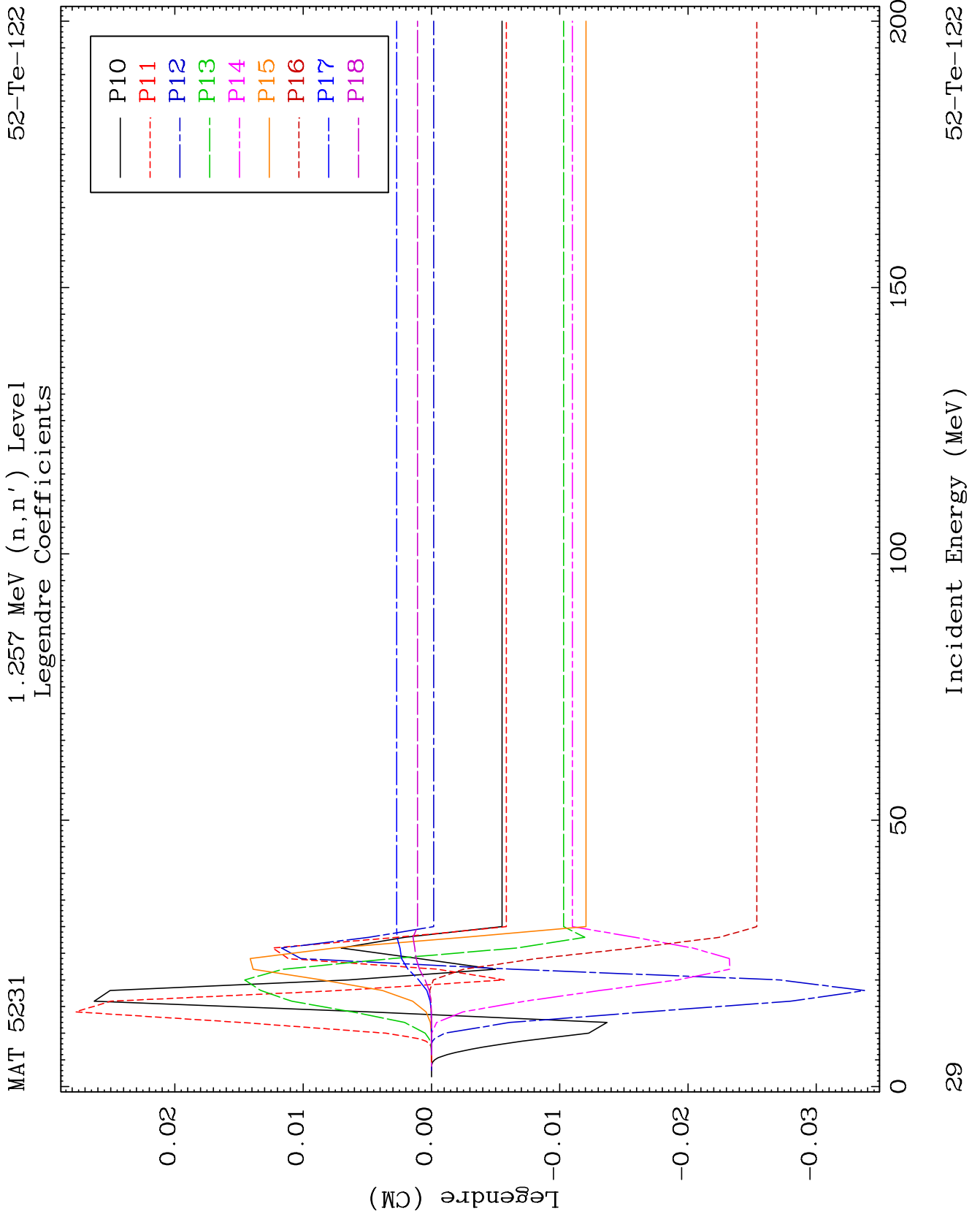
Incident Energy (MeV)

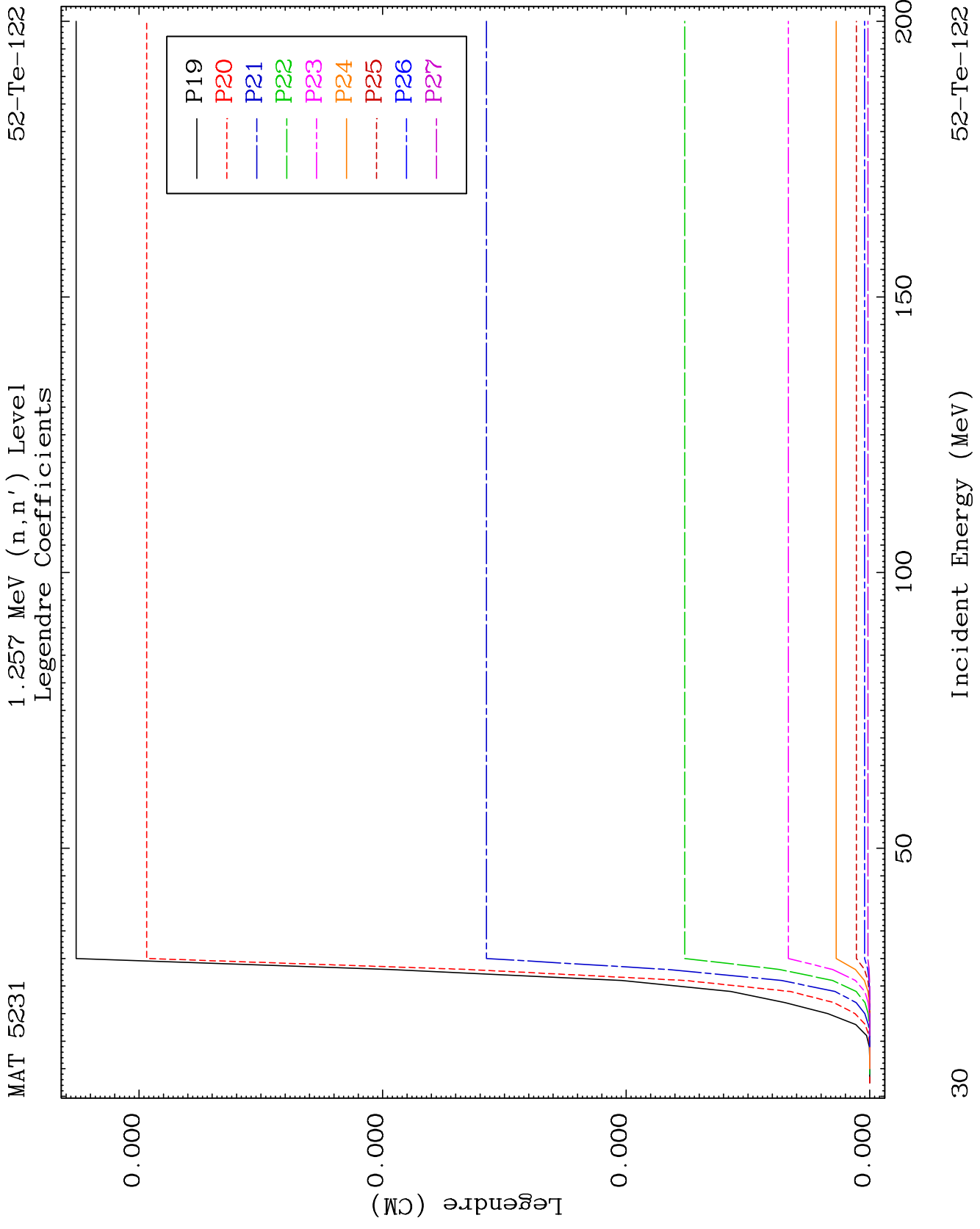
52-Te-122







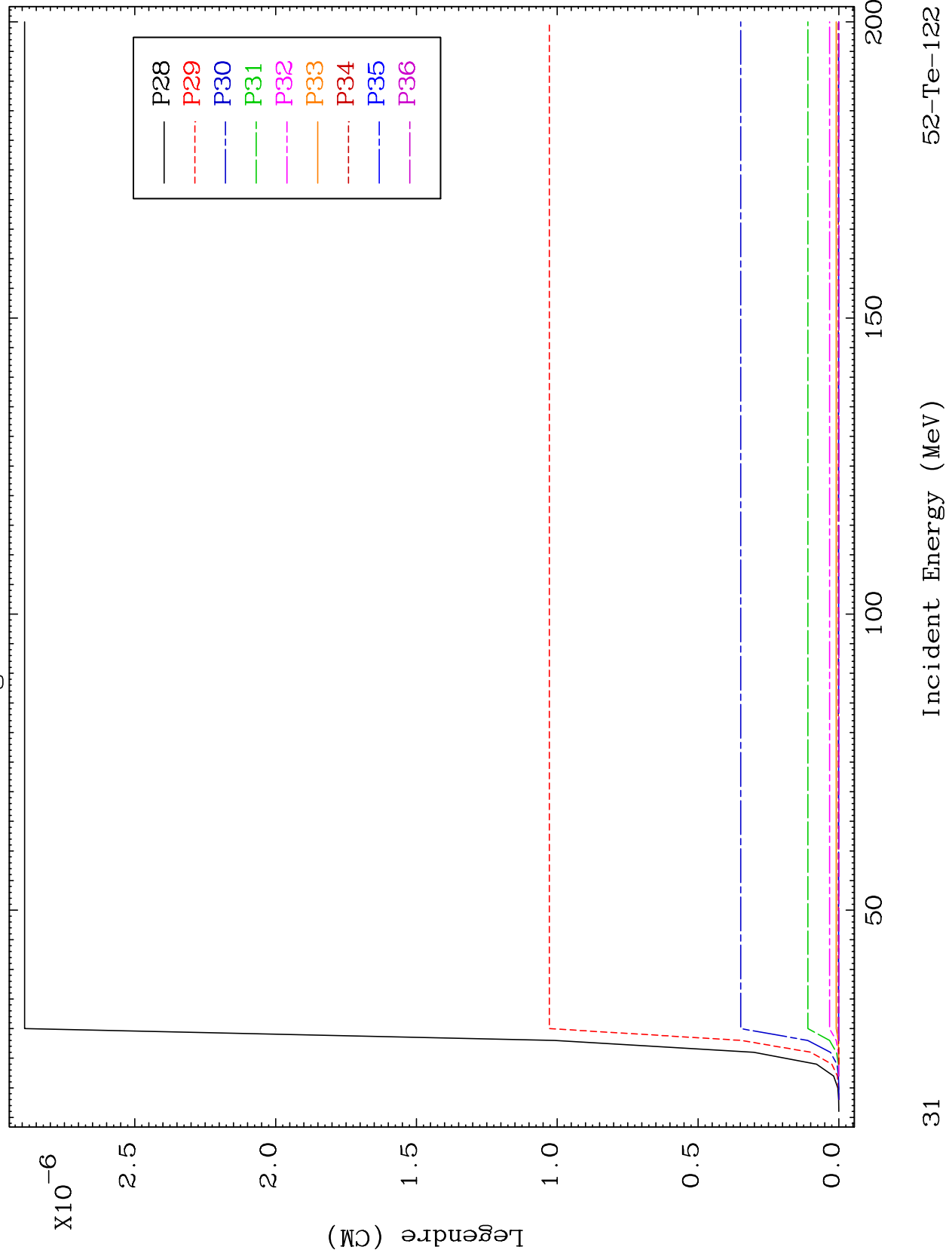


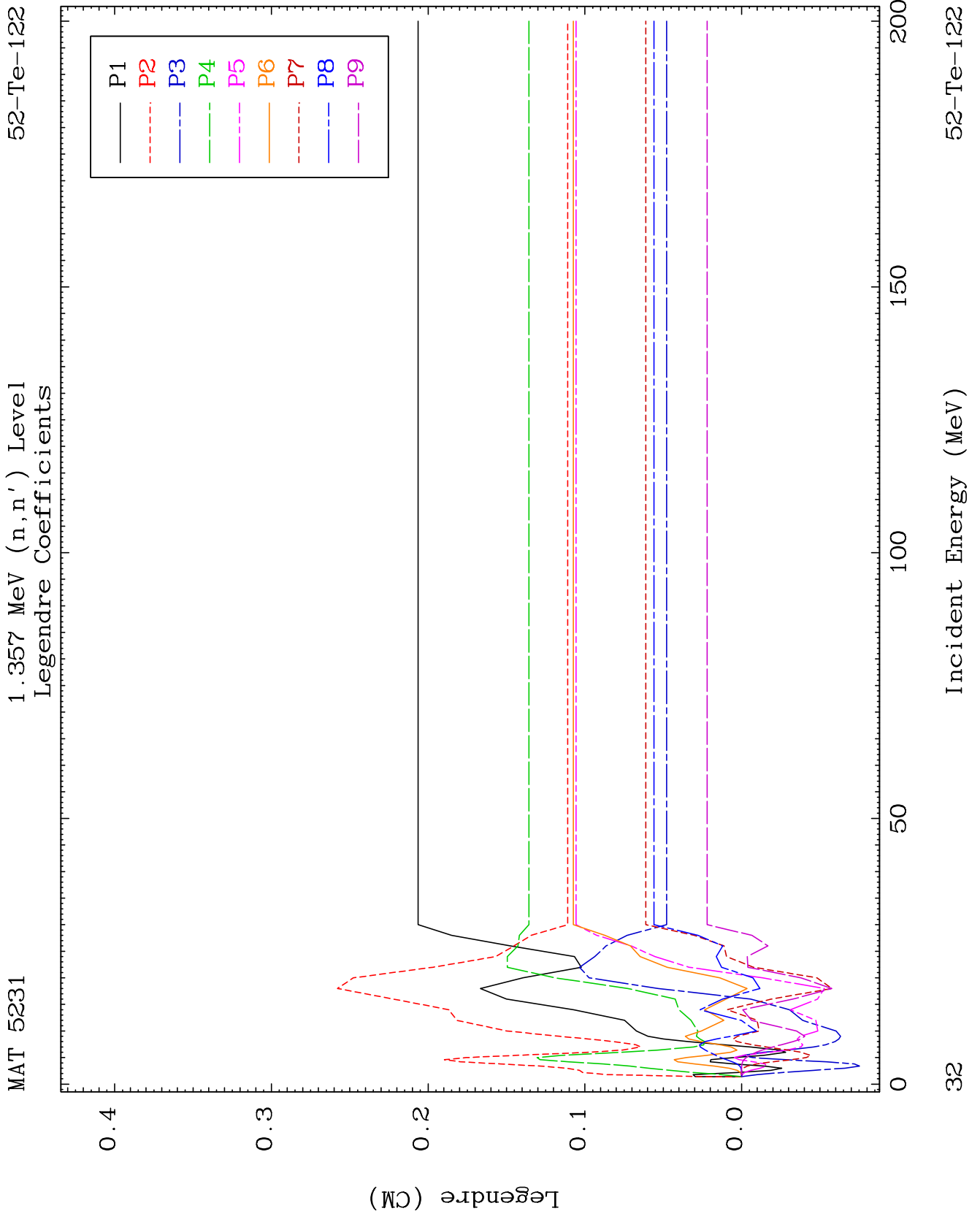


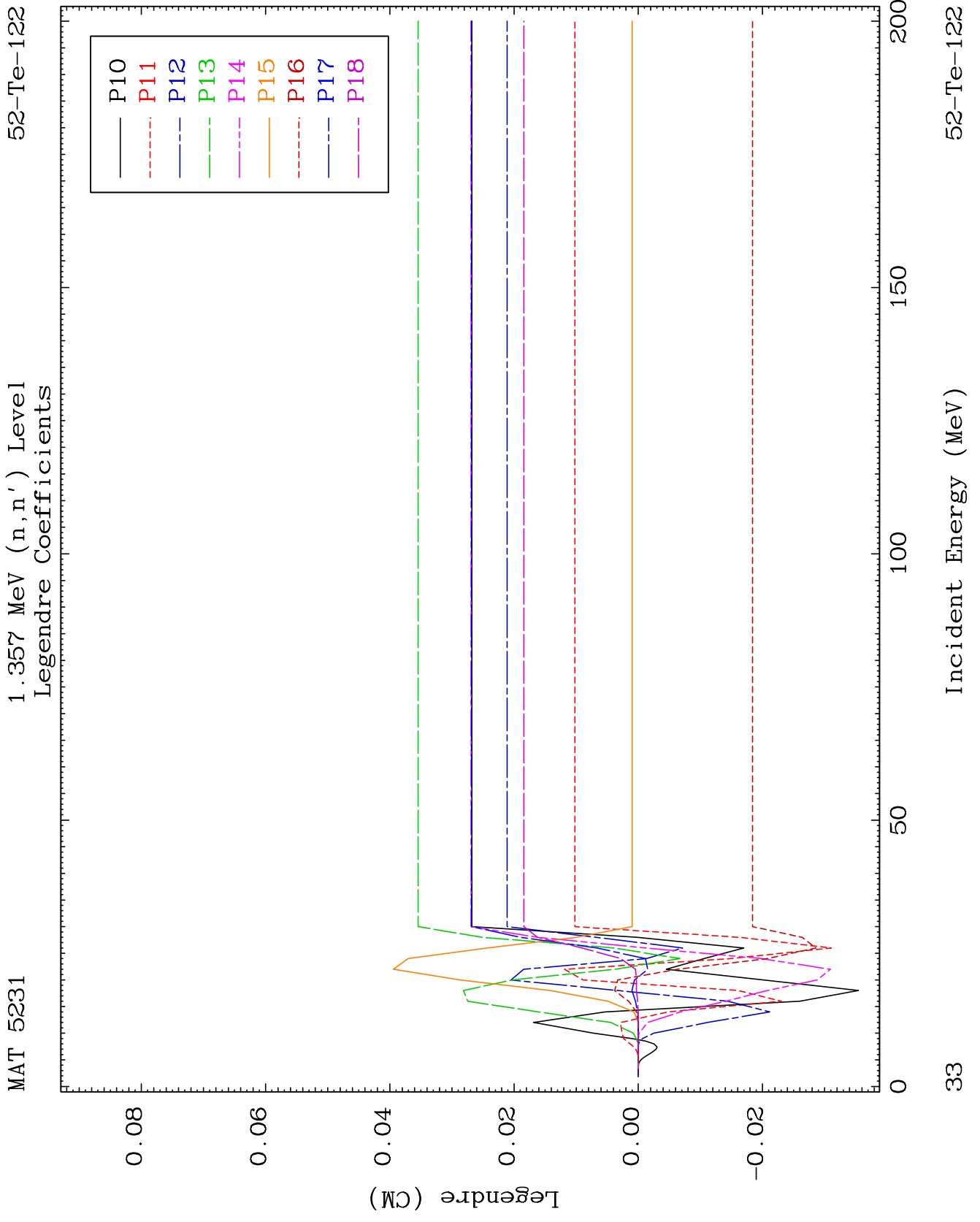
MAT 5231

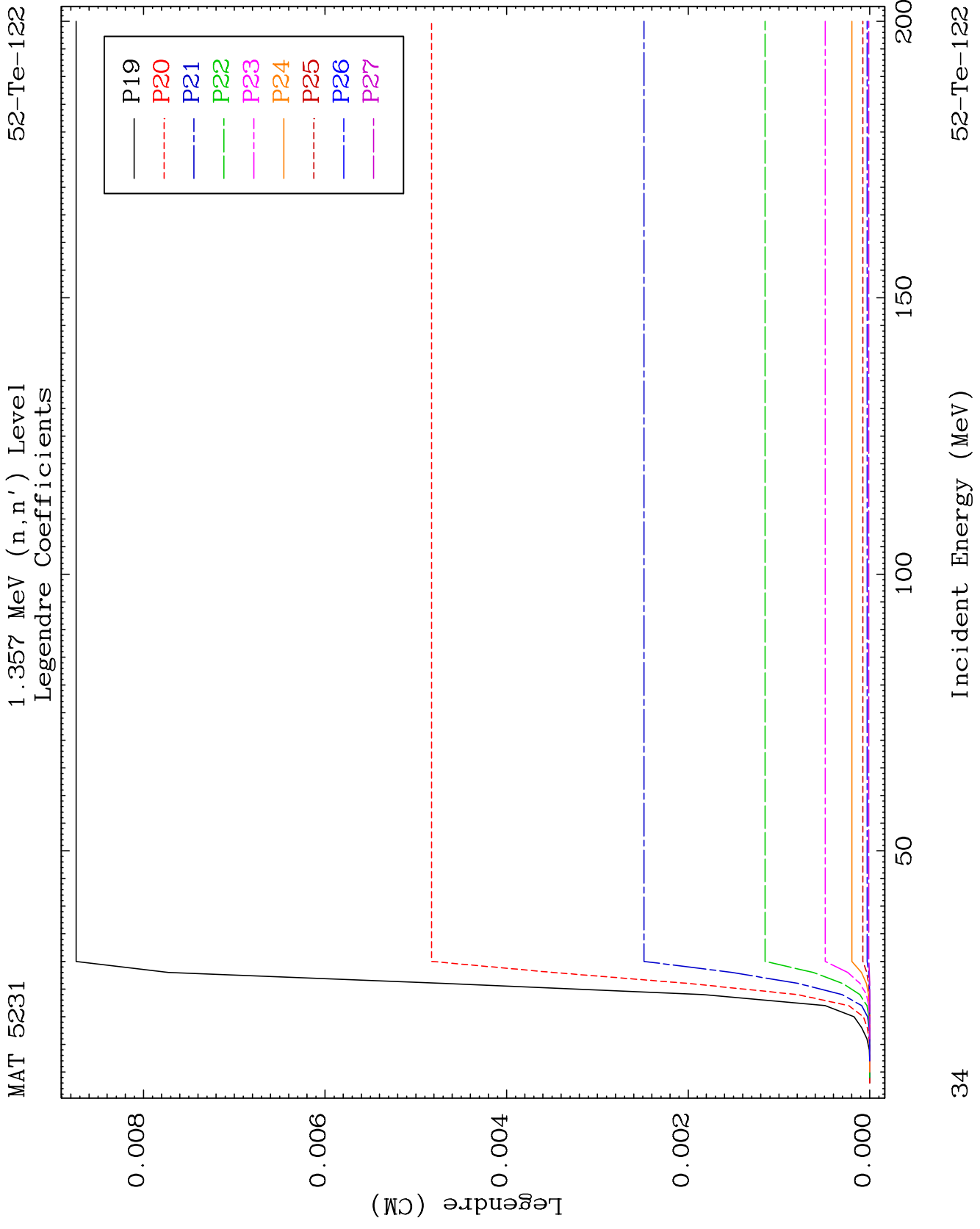
1.257 MeV (n,n') Level
Legendre Coefficients

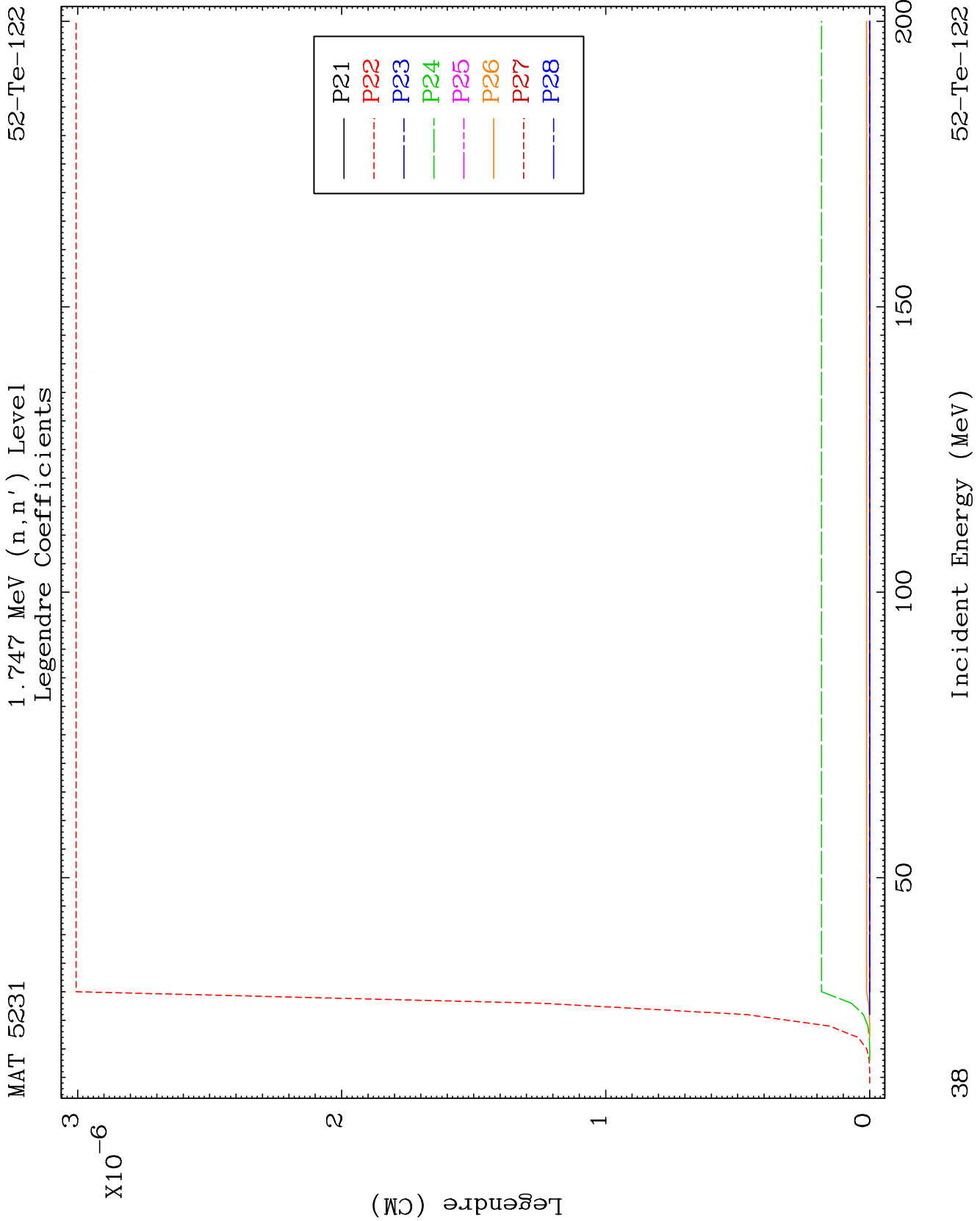
52-Te-122

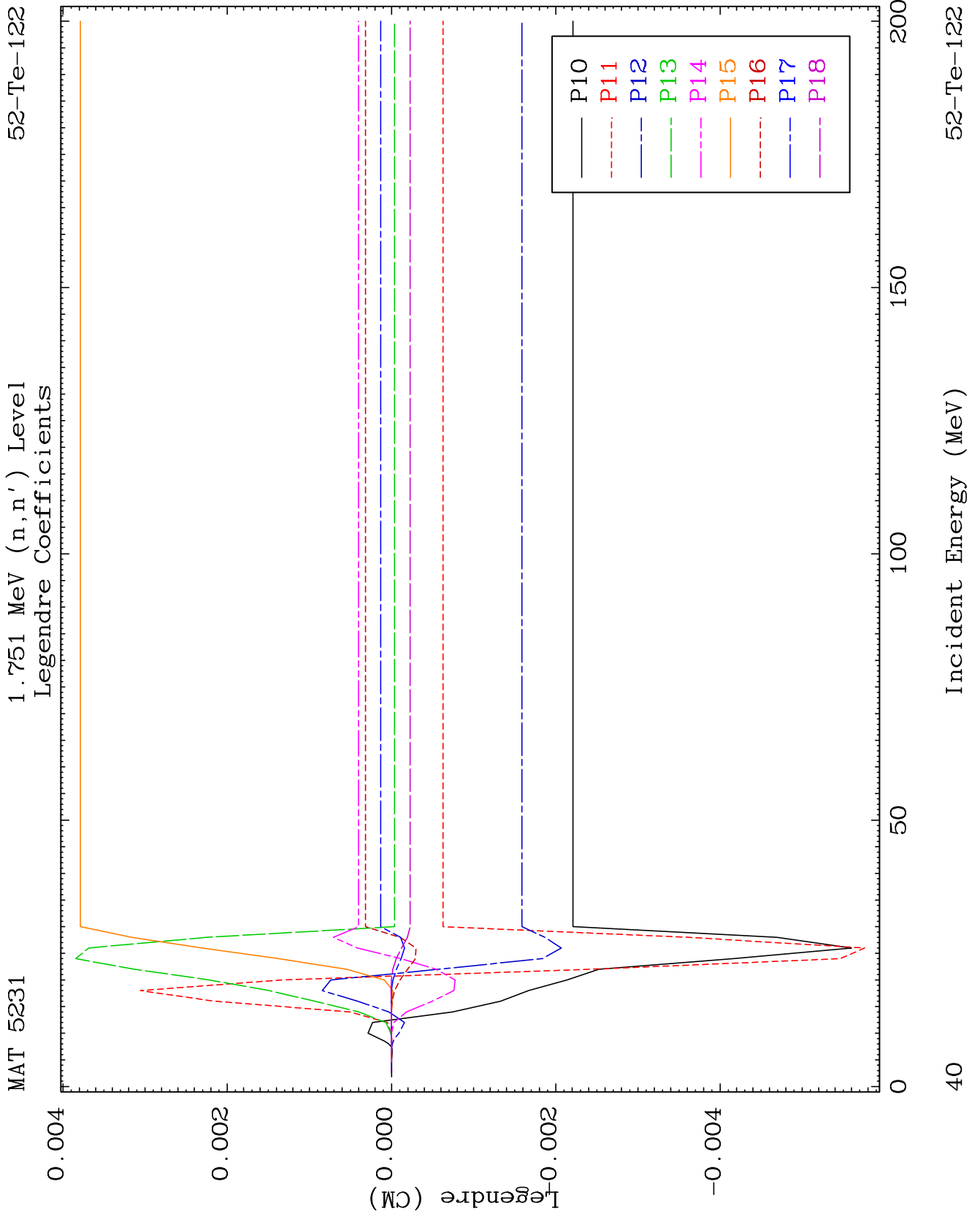


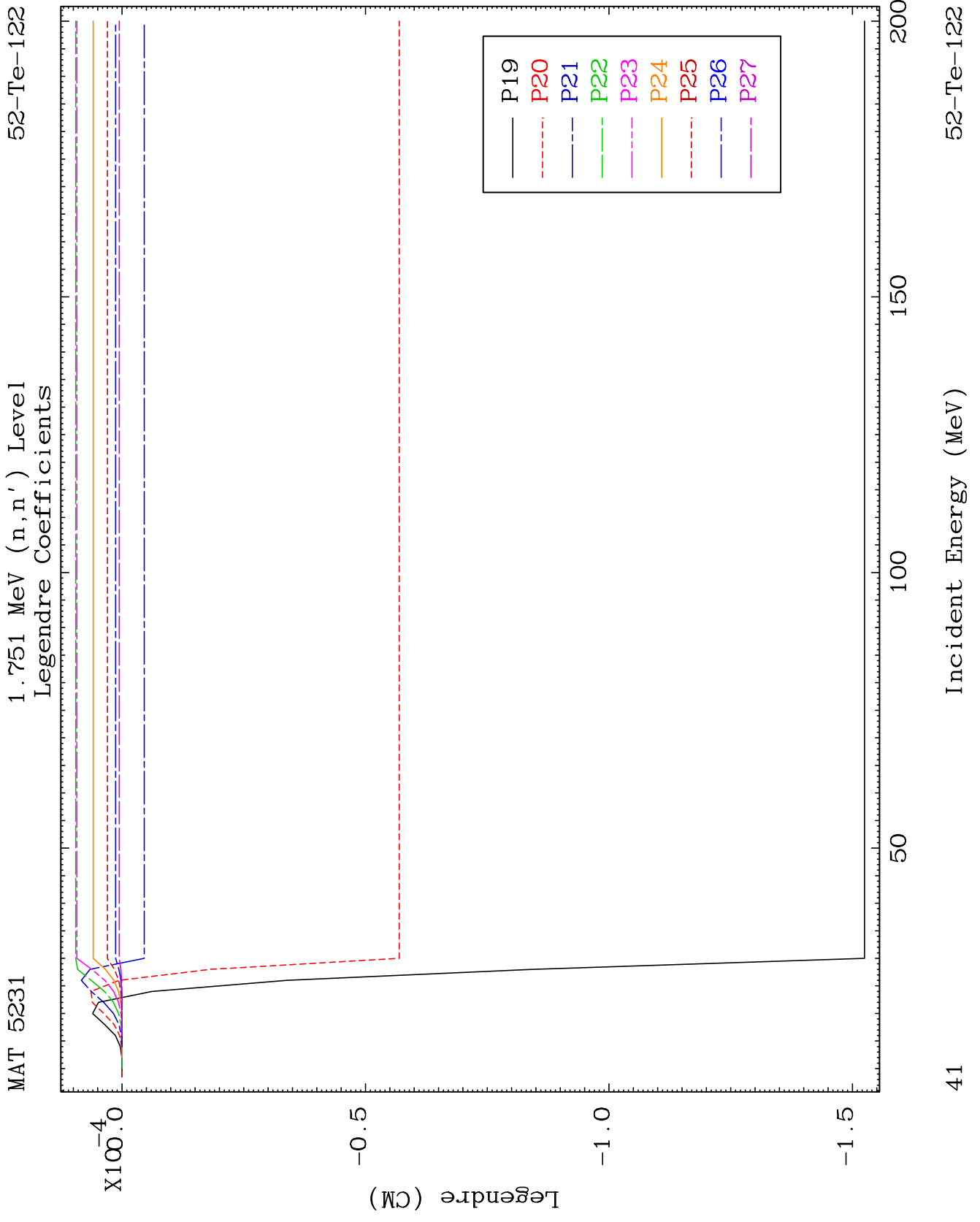


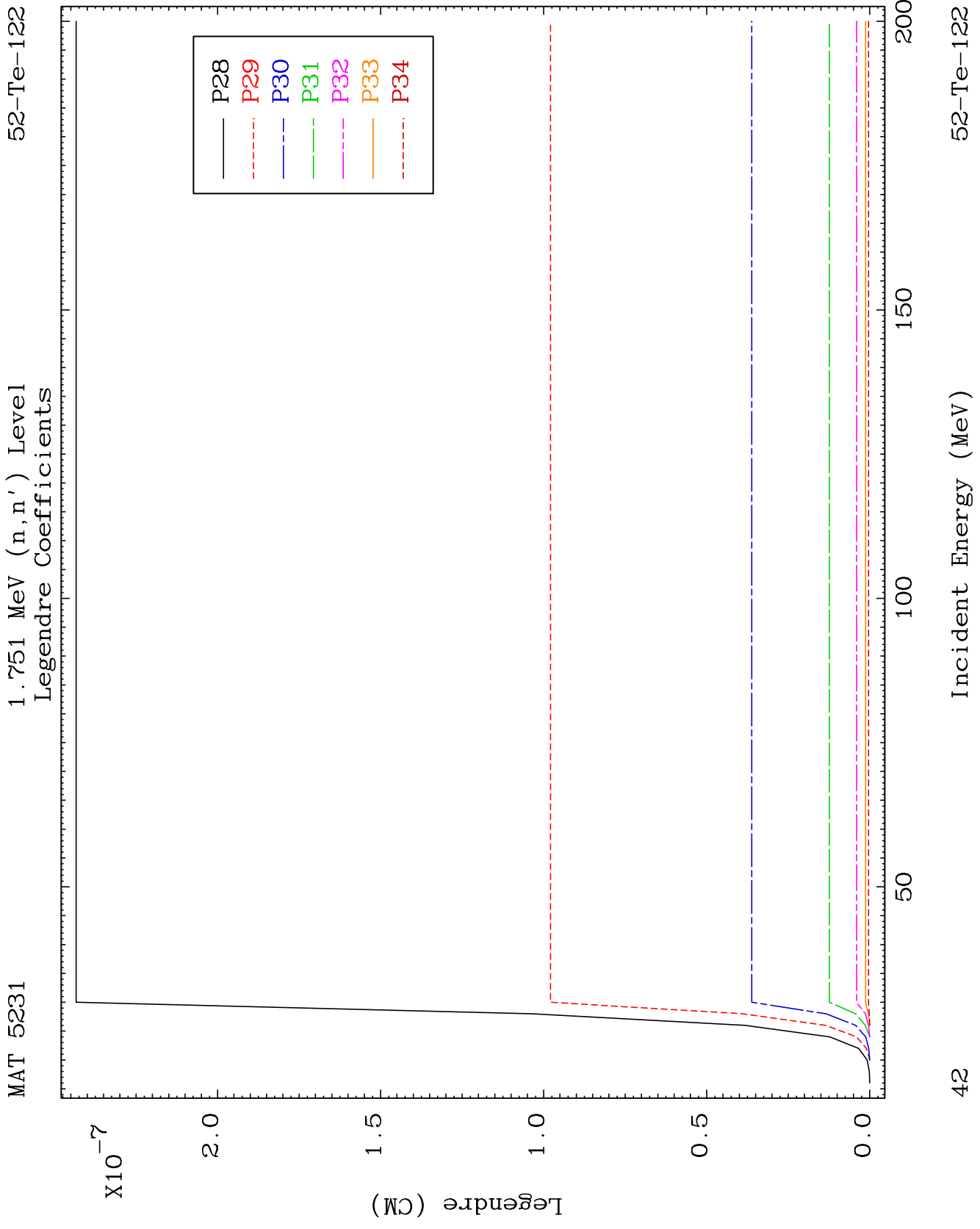


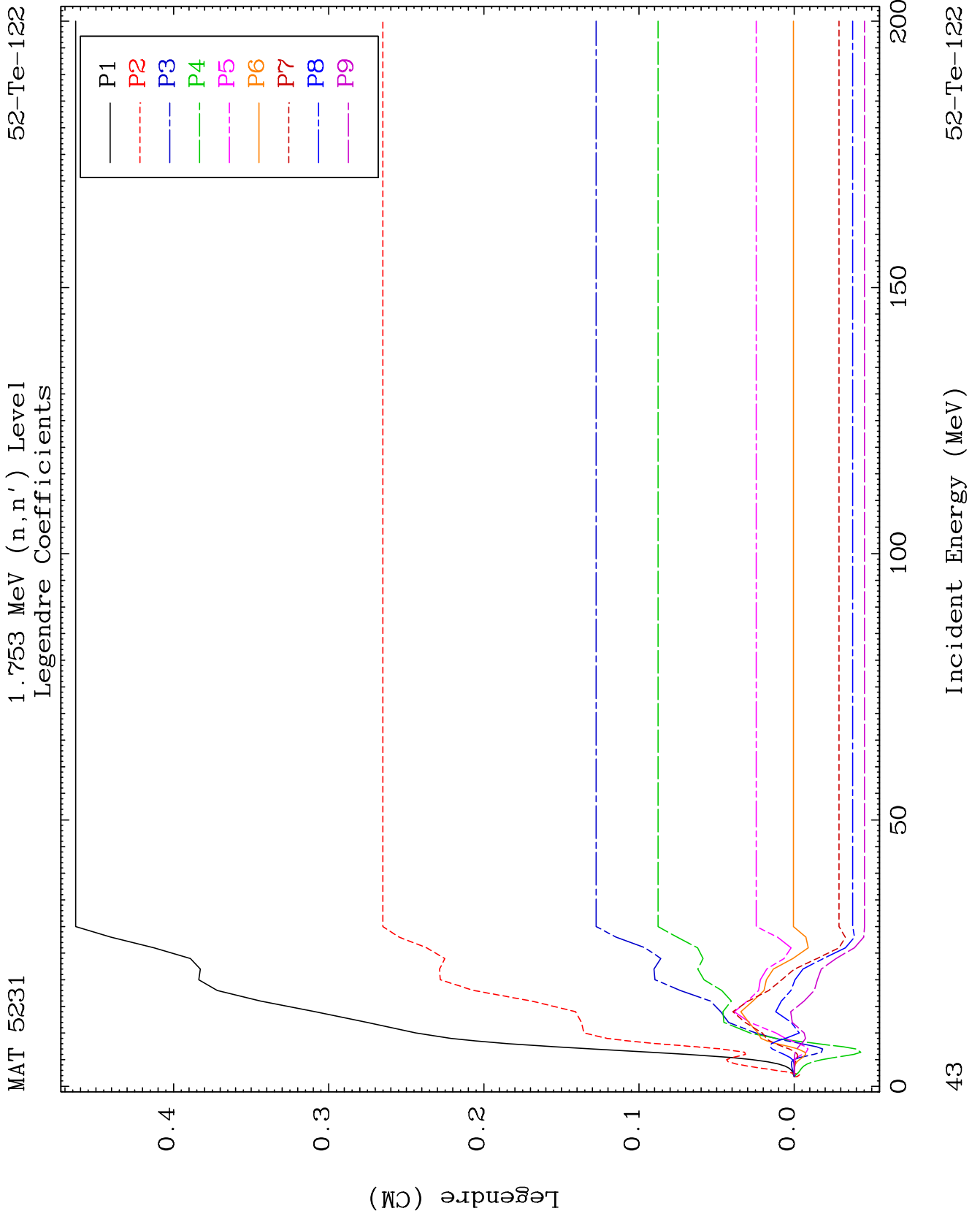








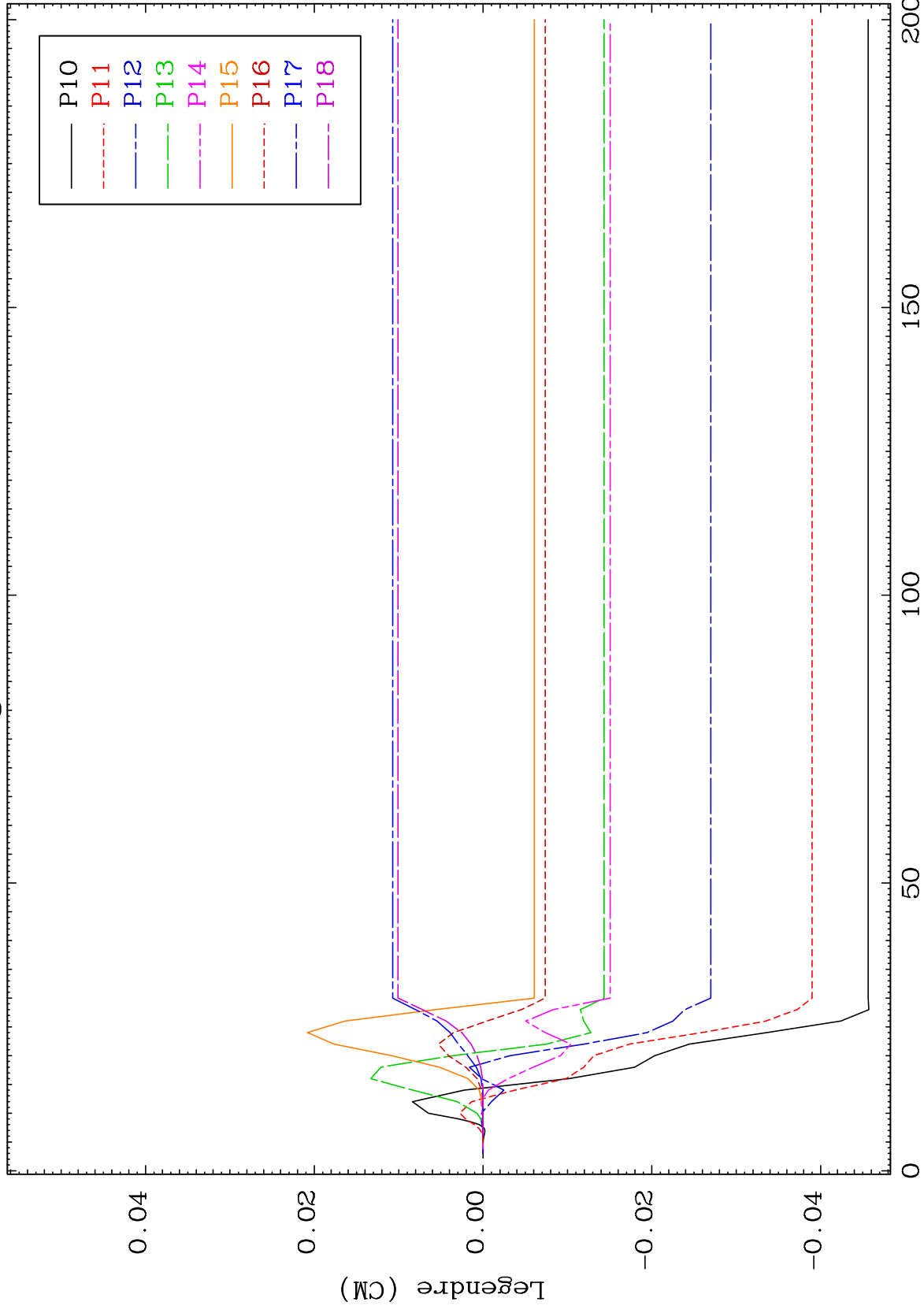




MAT 5231

1.753 MeV (n,n') Level
Legendre Coefficients

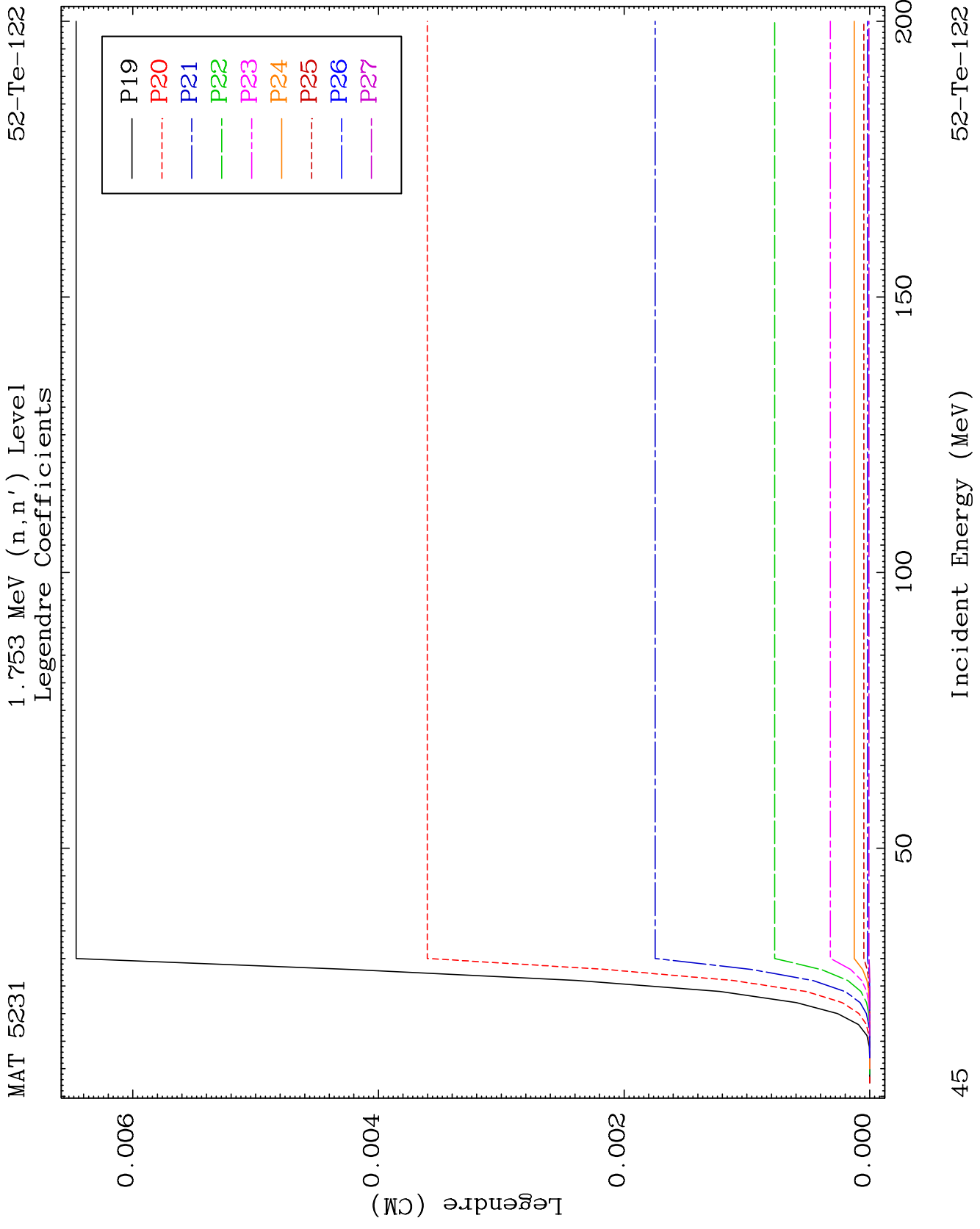
52-Te-122

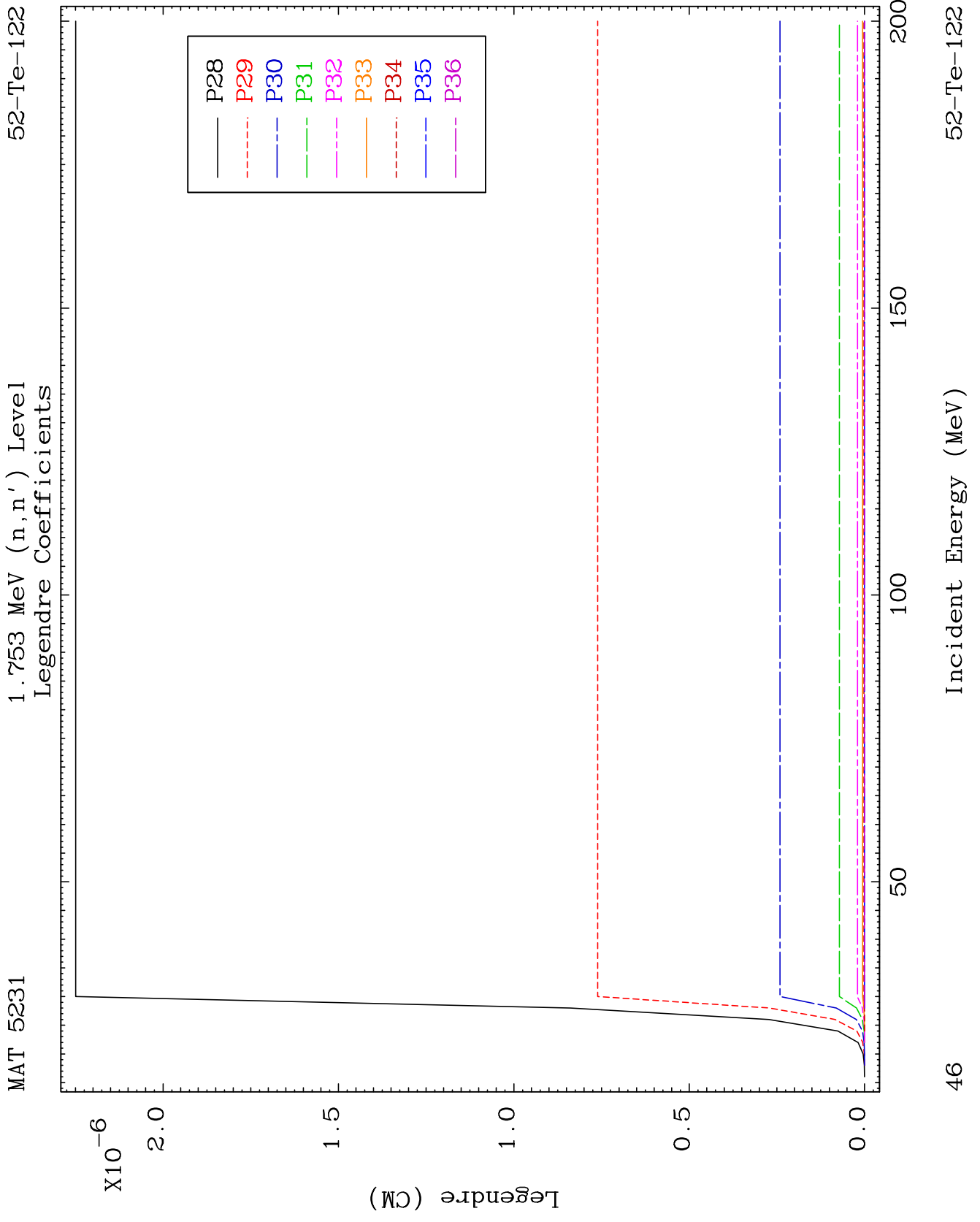


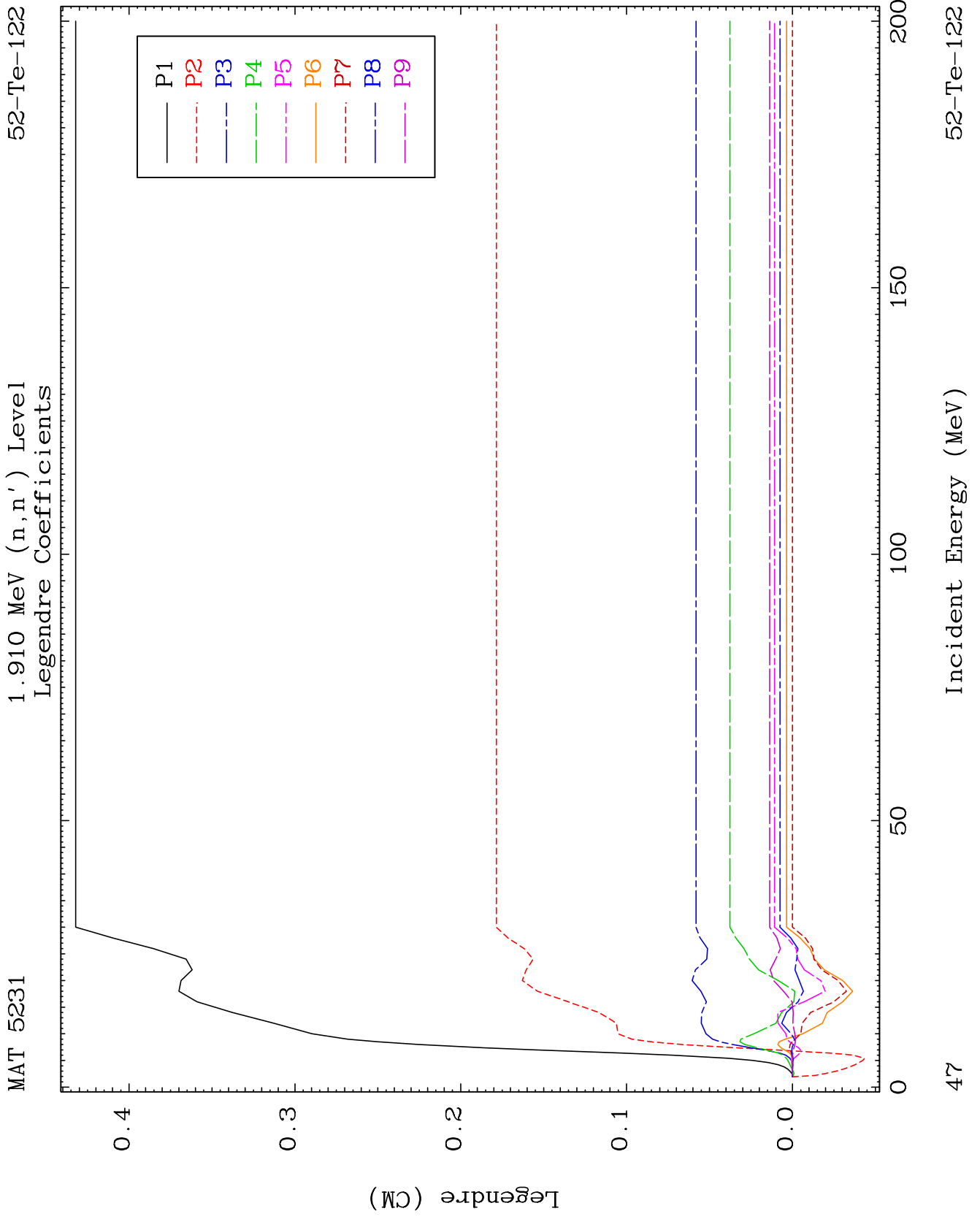
44

Incident Energy (MeV)

52-Te-122



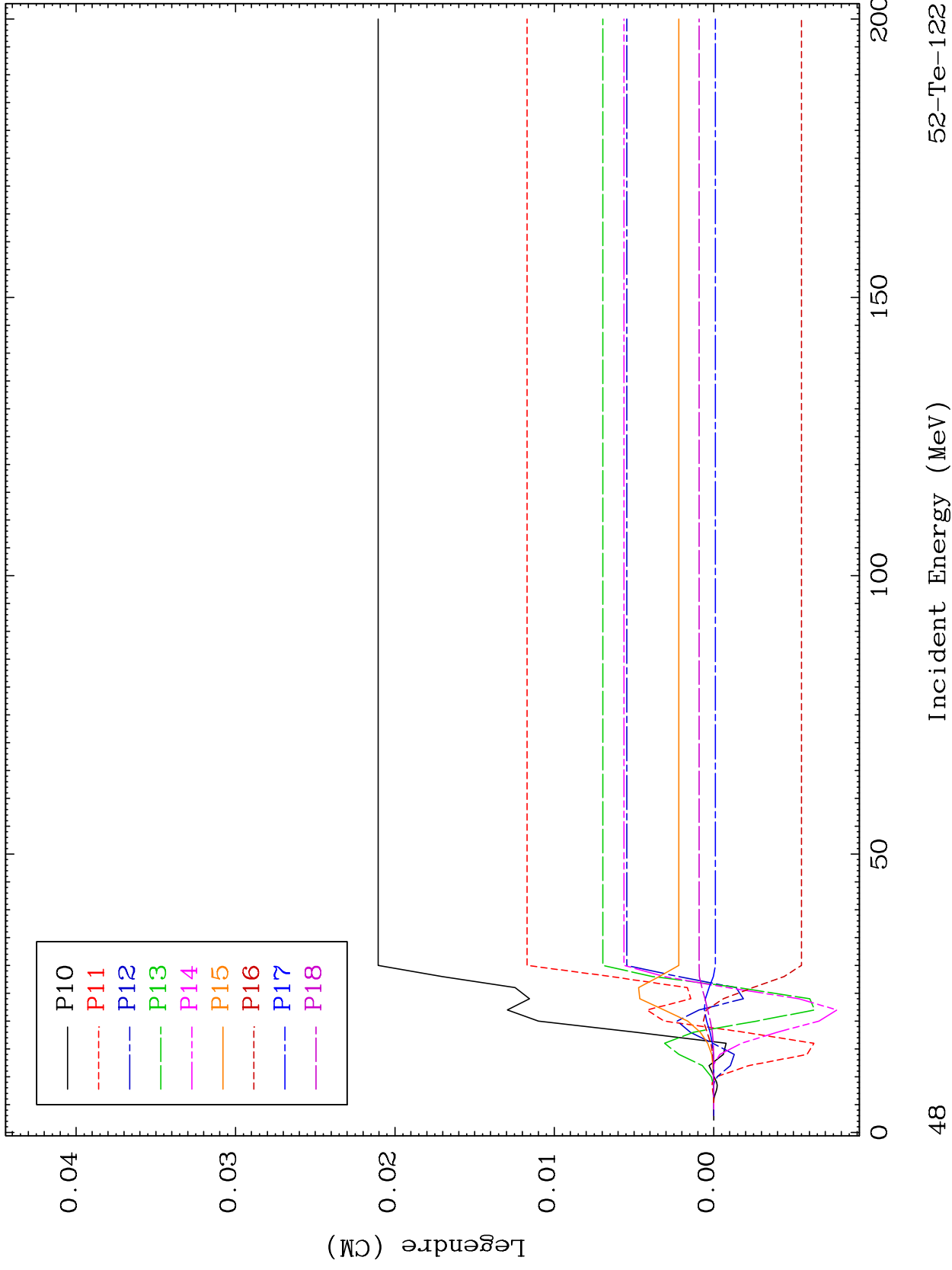




MAT 5231

1.910 MeV (n,n') Level
Legendre Coefficients

52-Te-122



48

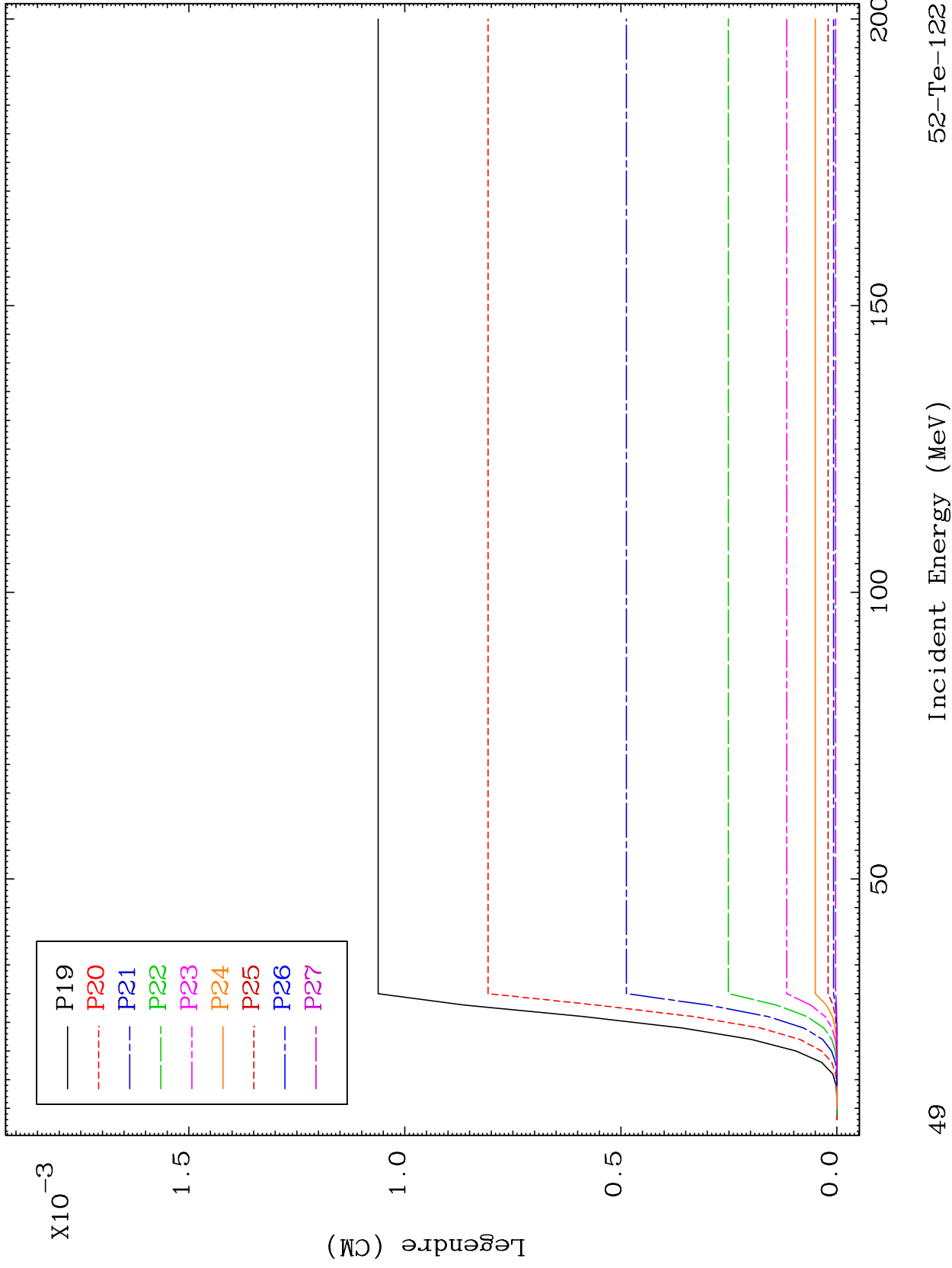
Incident Energy (MeV)

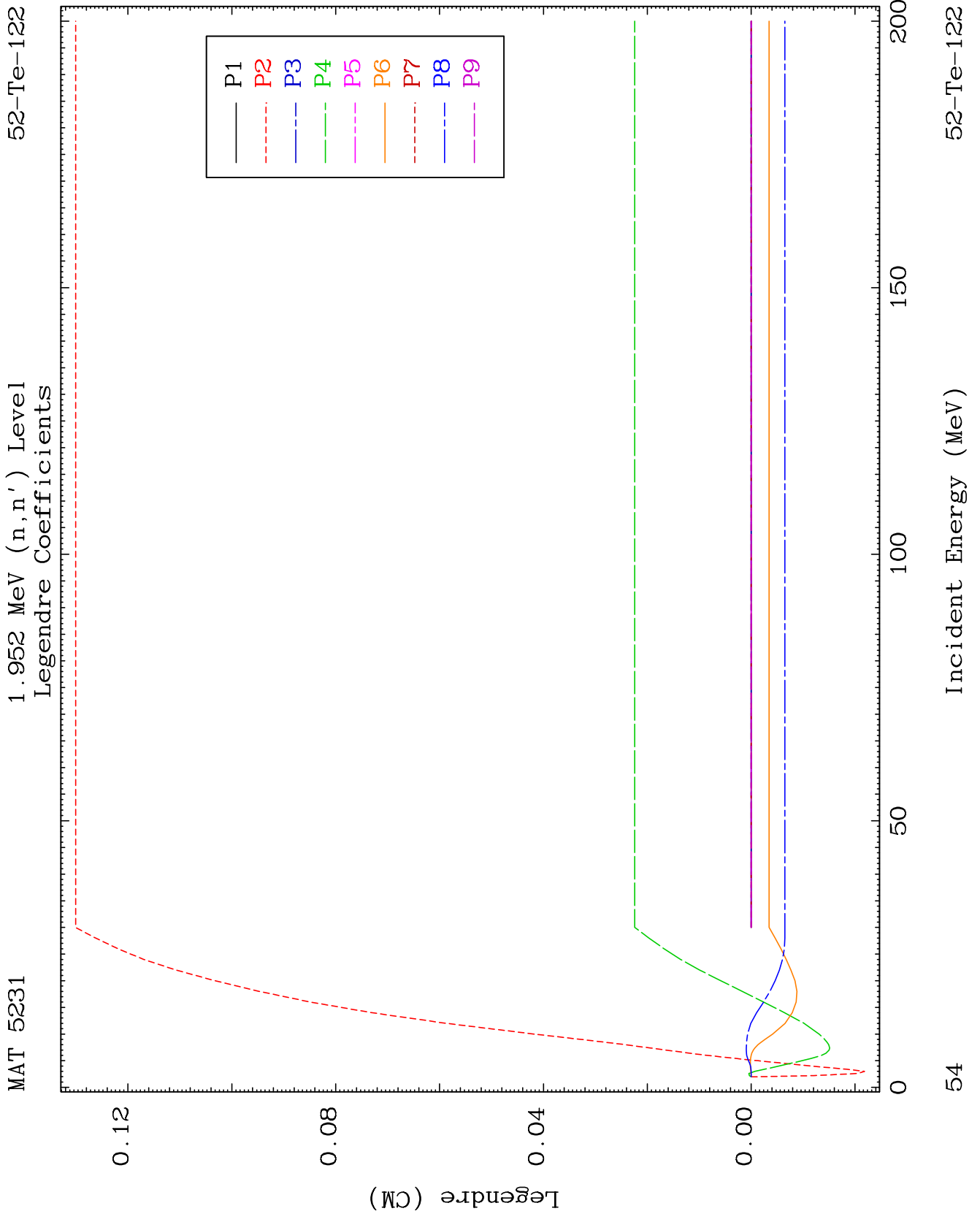
52-Te-122

MAT 5231

1.910 MeV (n,n') Level
Legendre Coefficients

52-Te-122

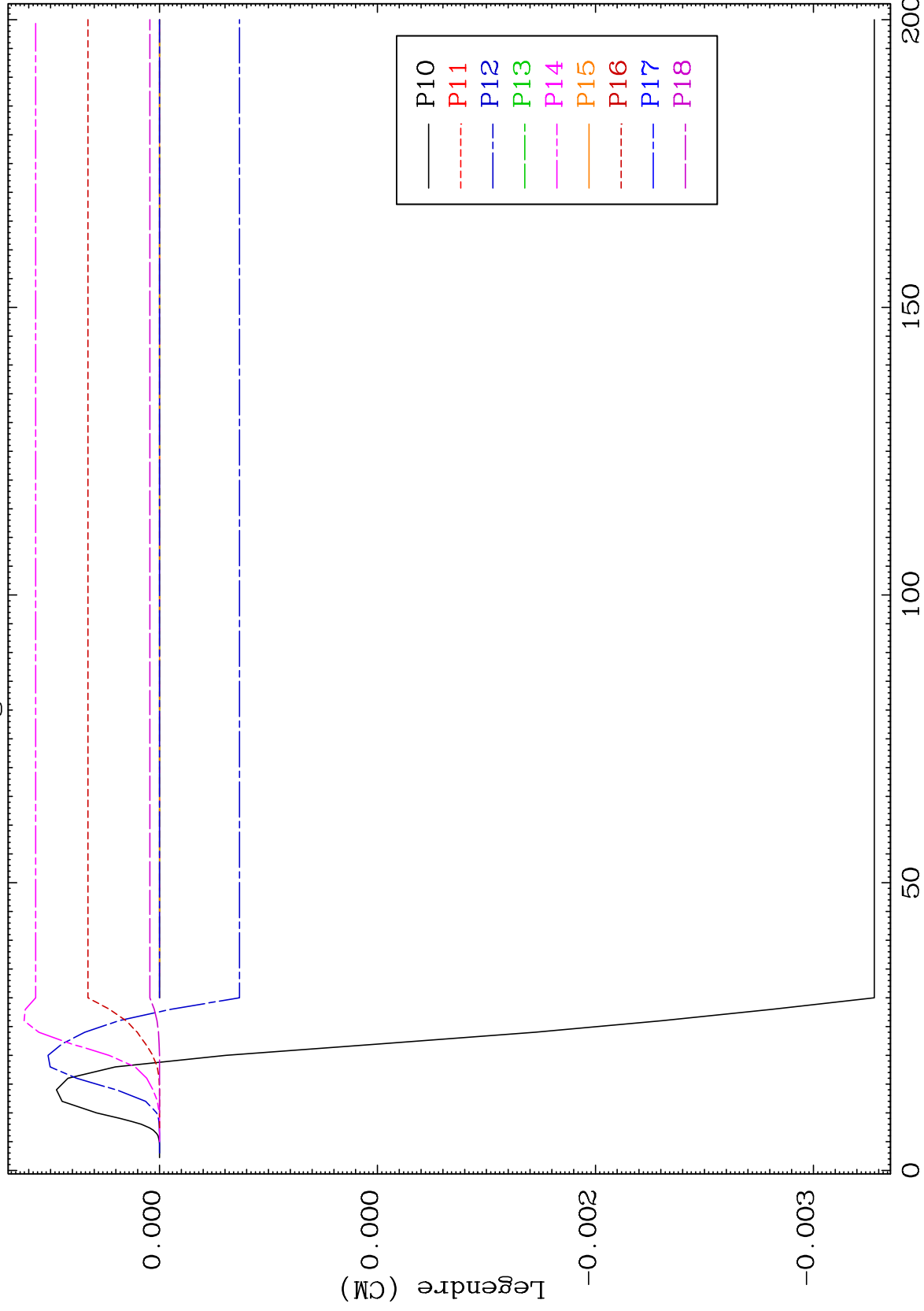




MAT 5231

1.952 MeV (n,n') Level
Legendre Coefficients

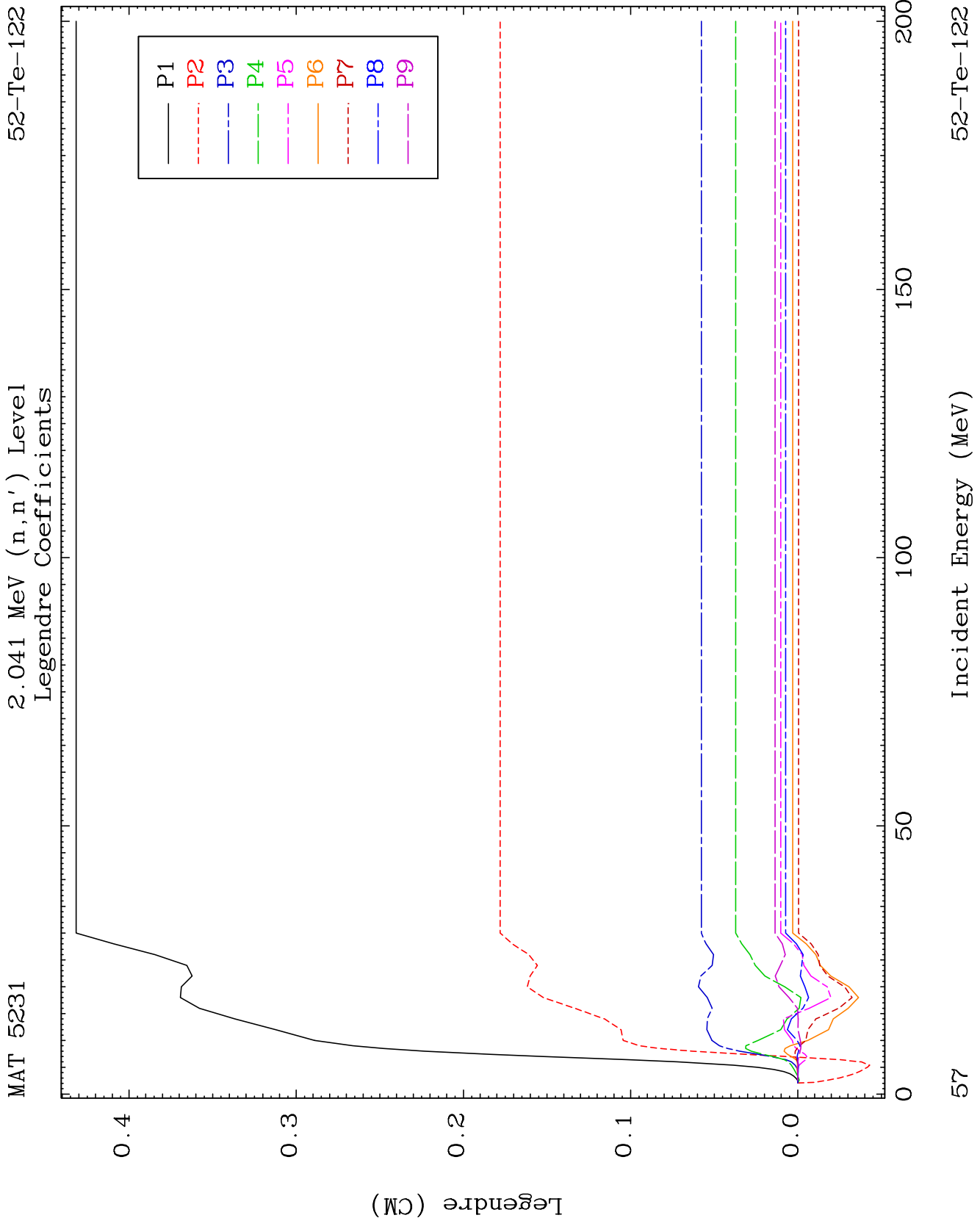
52-Te-122



55

Incident Energy (MeV)

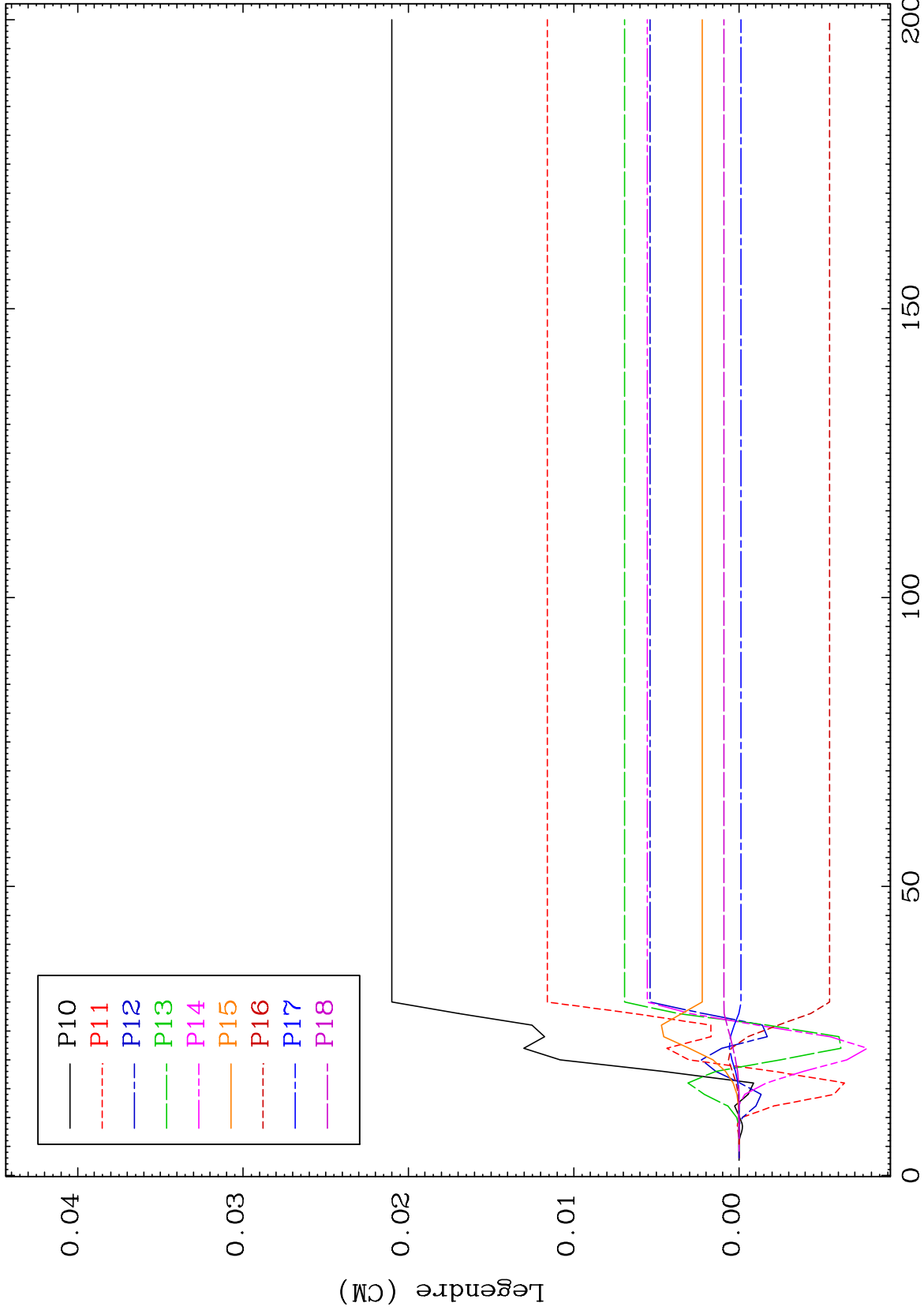
52-Te-122



MAT 5231

2.041 MeV (n,n') Level
Legendre Coefficients

52-Te-122



58

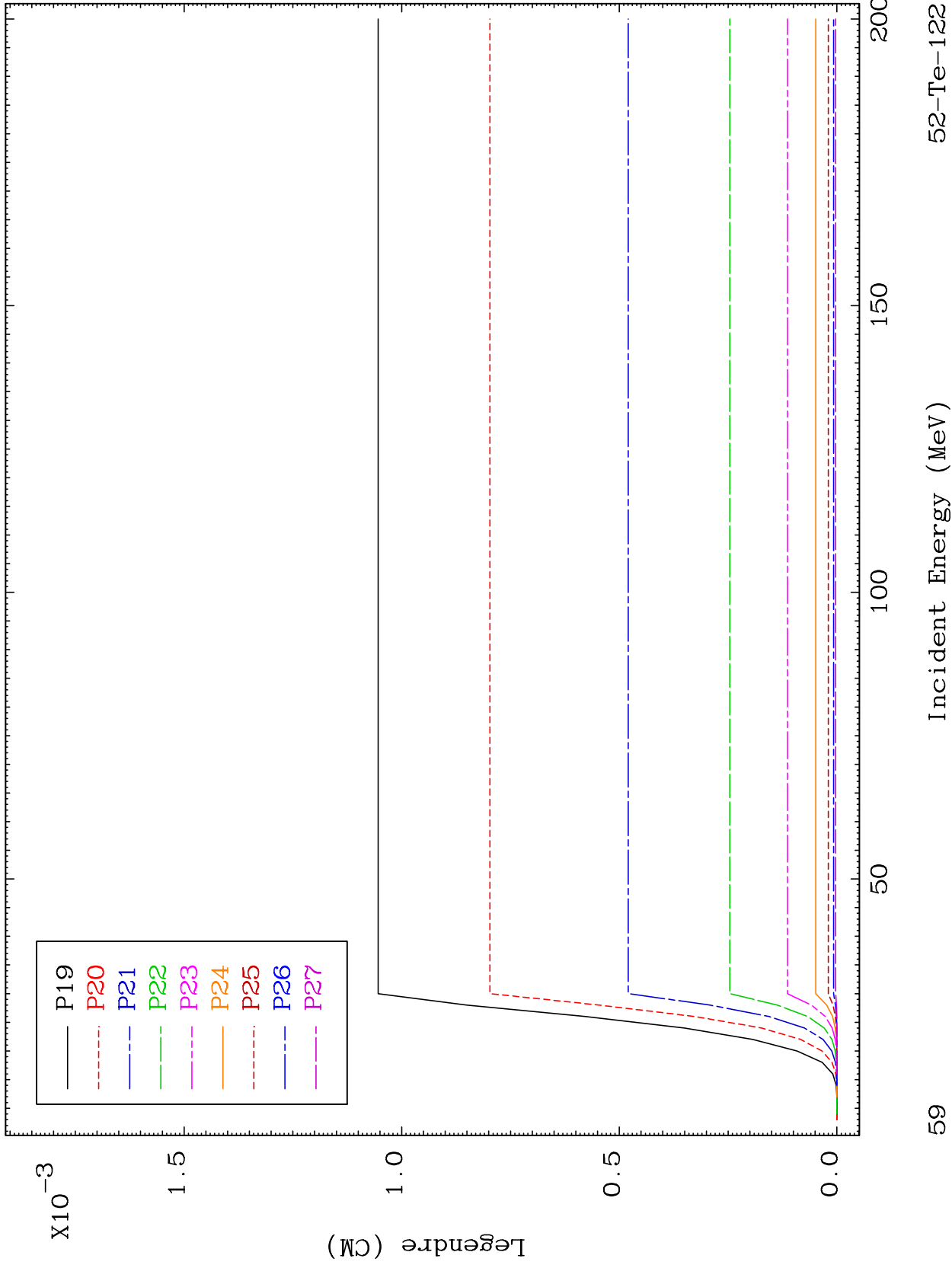
Incident Energy (MeV)

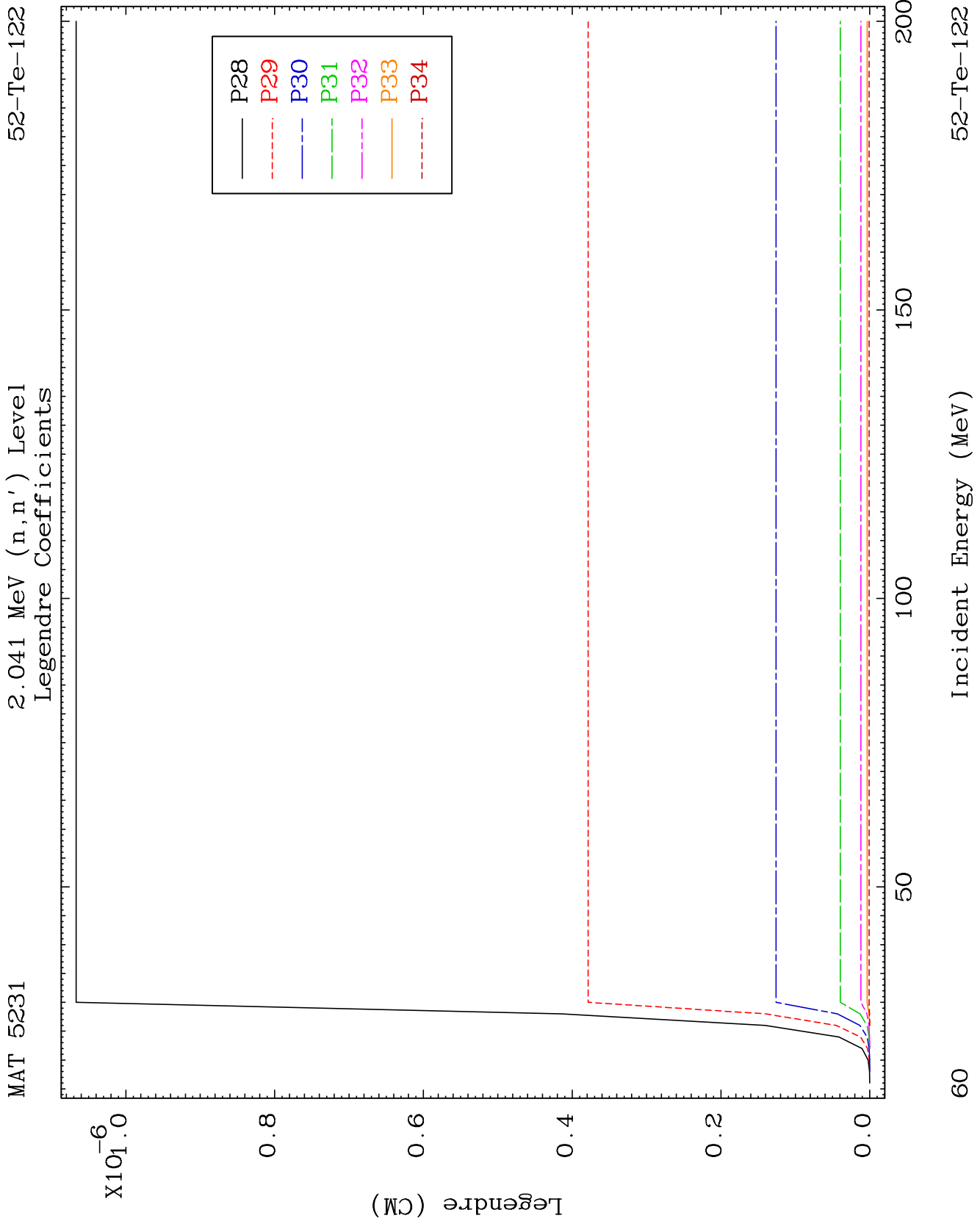
52-Te-122

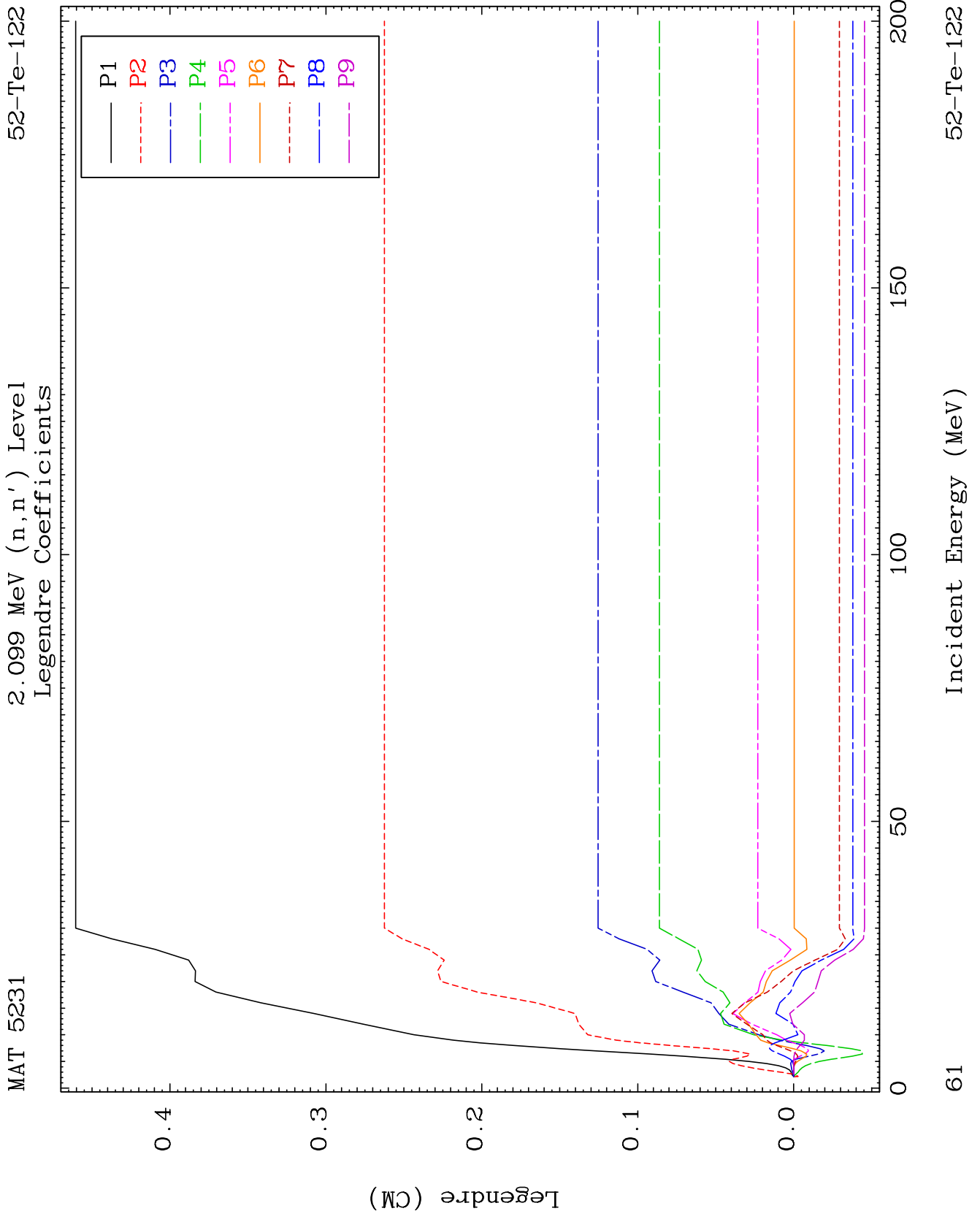
MAT 5231

2.041 MeV (n, n') Level
Legendre Coefficients

52-Te-122



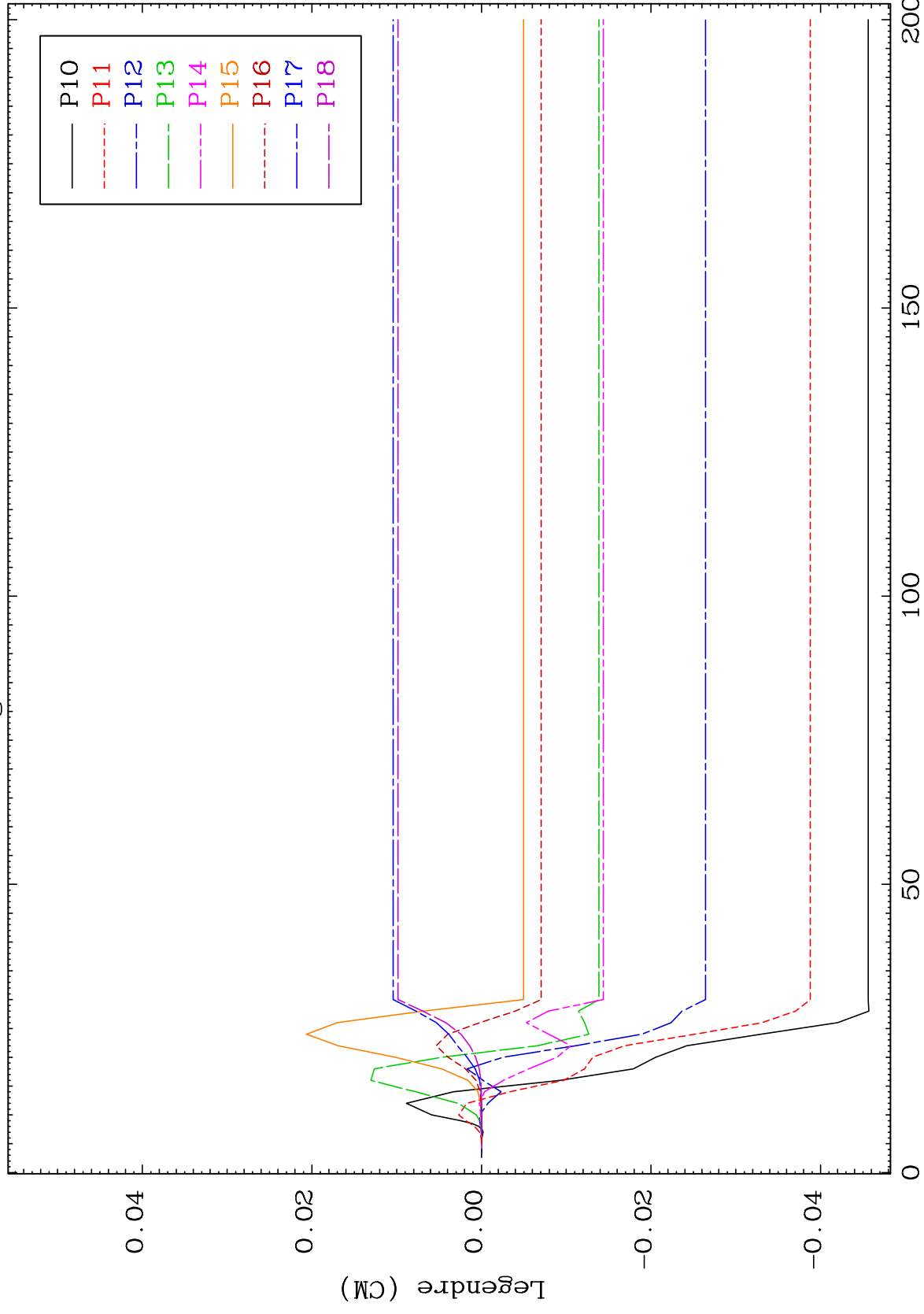




MAT 5231

2.099 MeV (n,n') Level
Legendre Coefficients

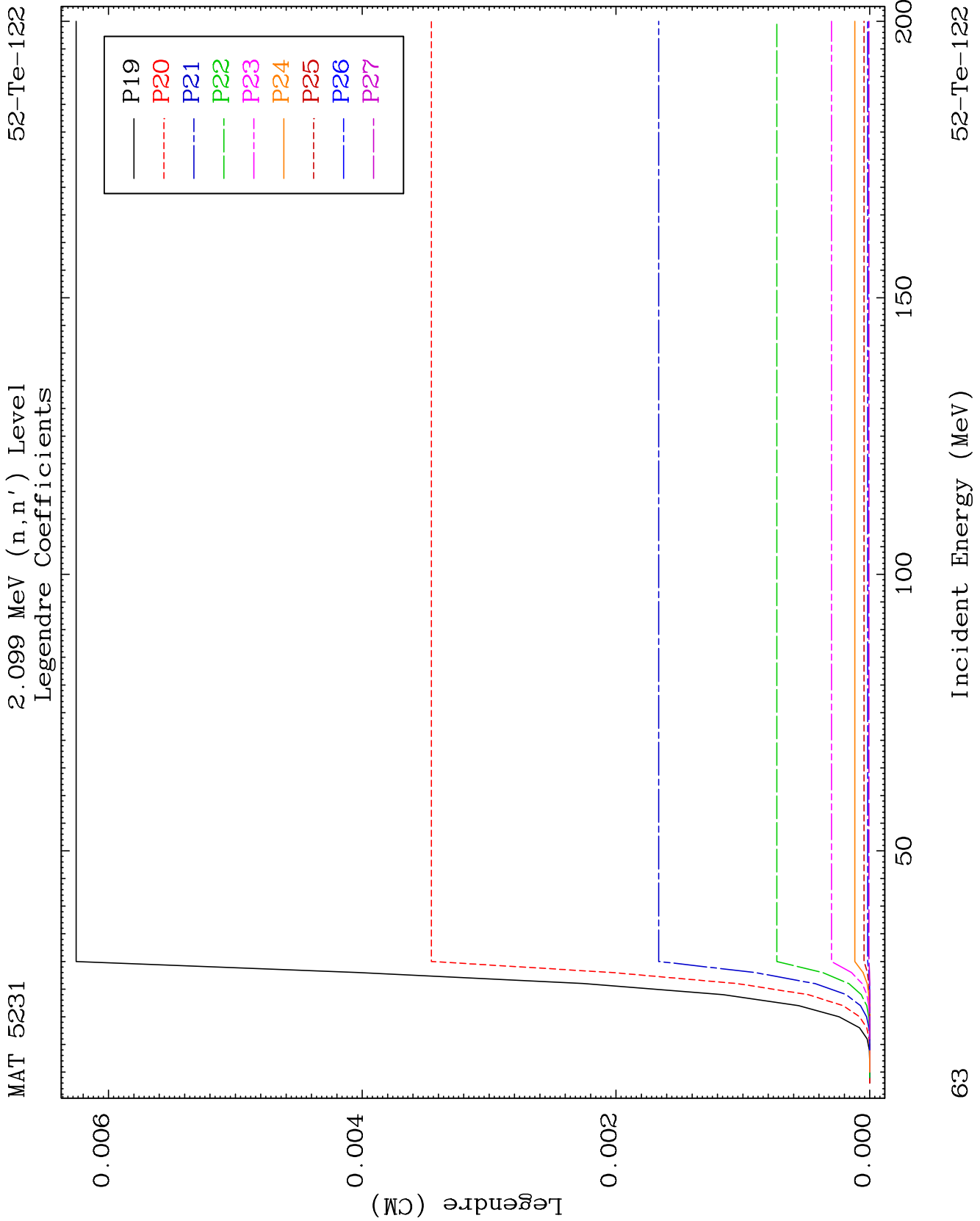
52-Te-122

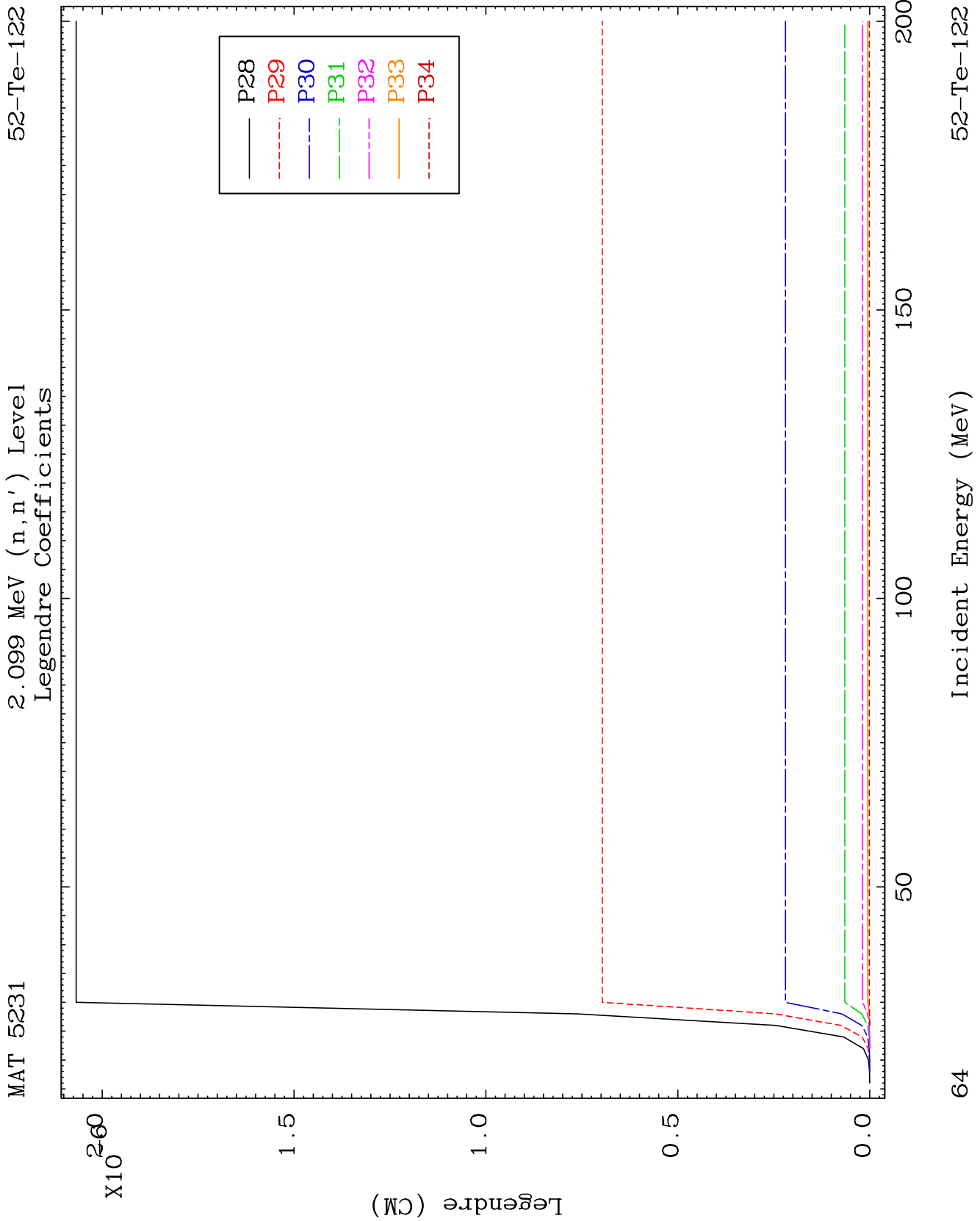


62

Incident Energy (MeV)

52-Te-122

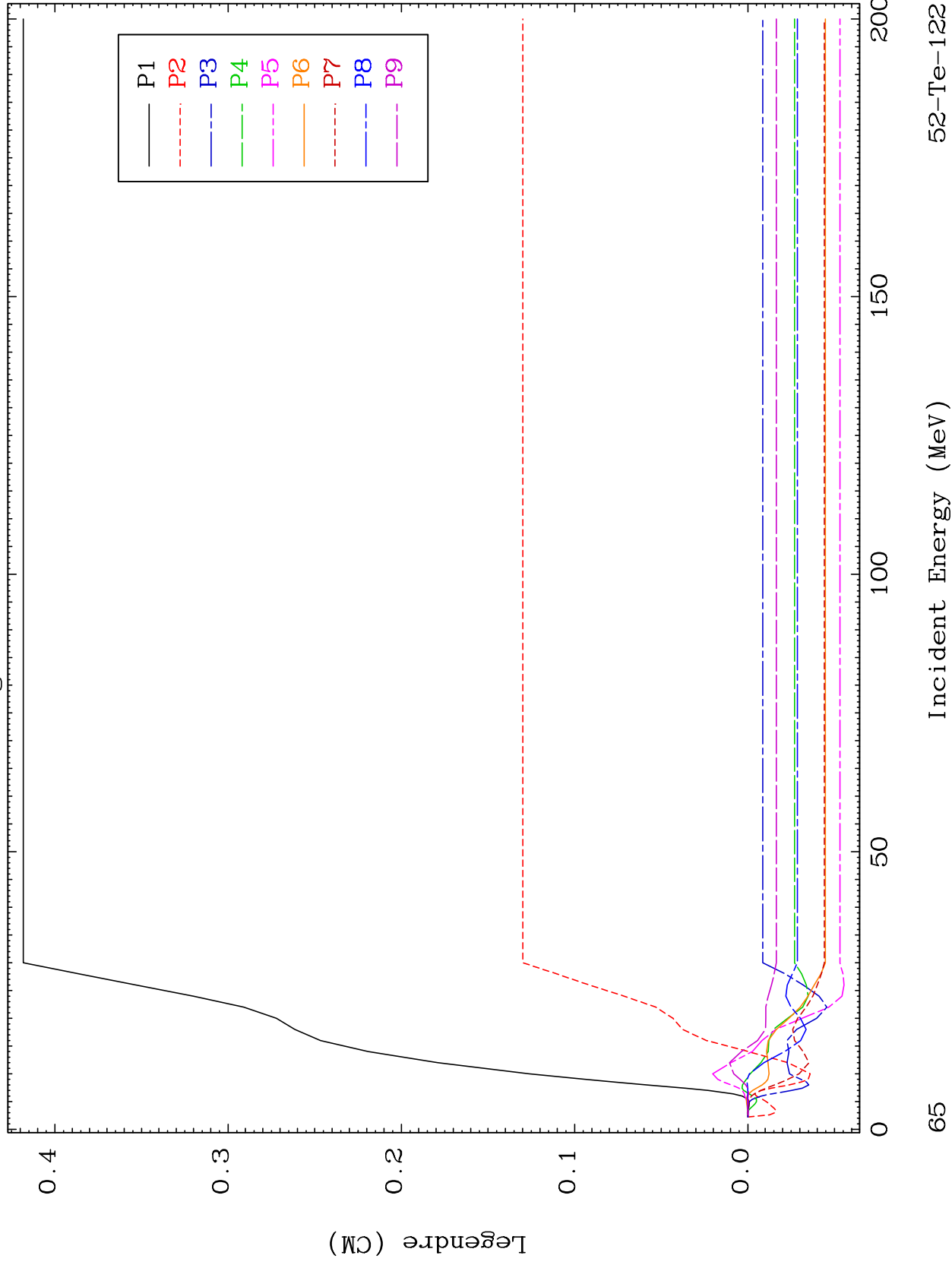




MAT 5231

2.197 MeV (n,n') Level
Legendre Coefficients

52-Te-122



52-Te-122

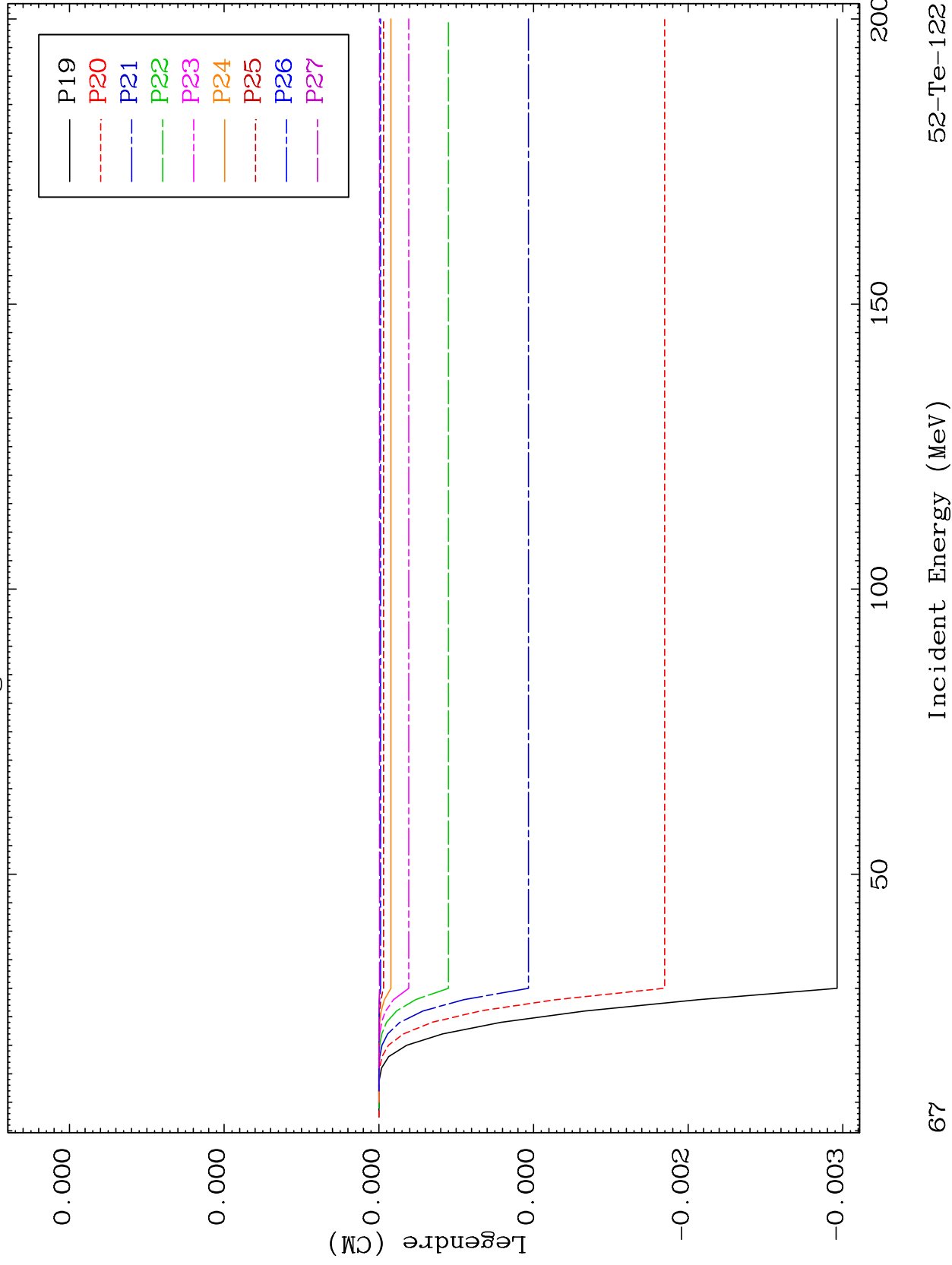
Incident Energy (MeV)

65

MAT 5231

2.197 MeV (n,n') Level
Legendre Coefficients

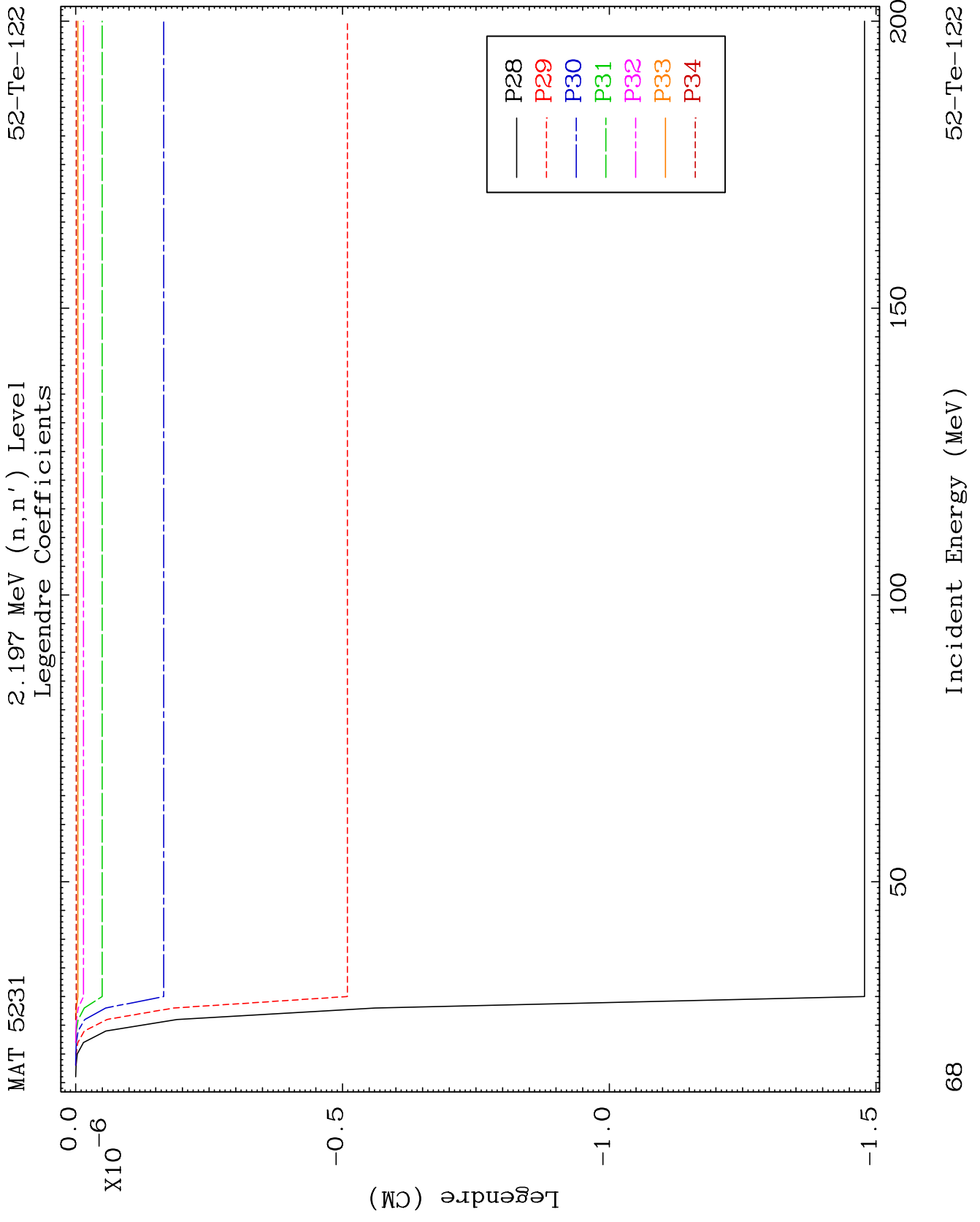
52-Te-122

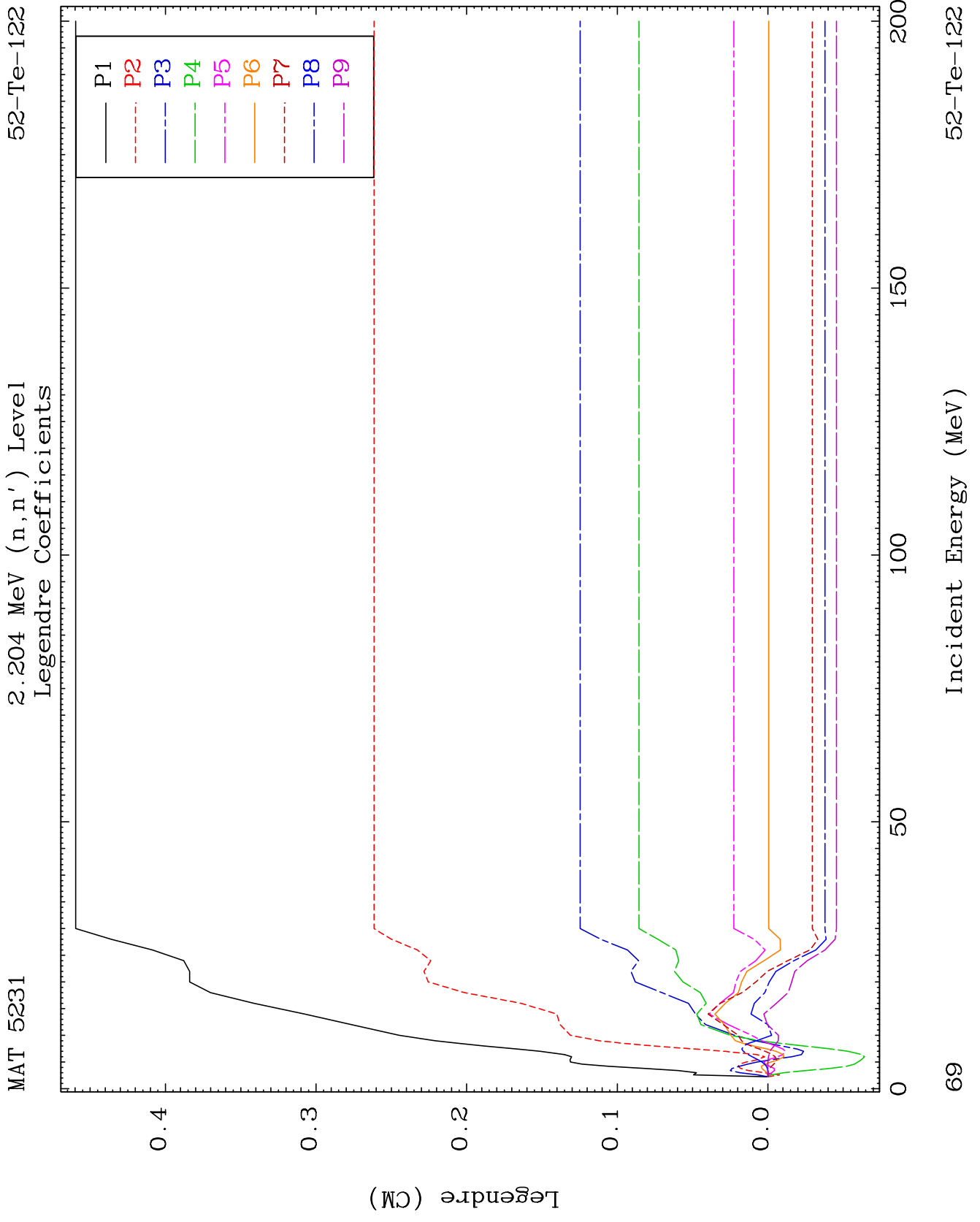


67

Incident Energy (MeV)

52-Te-122

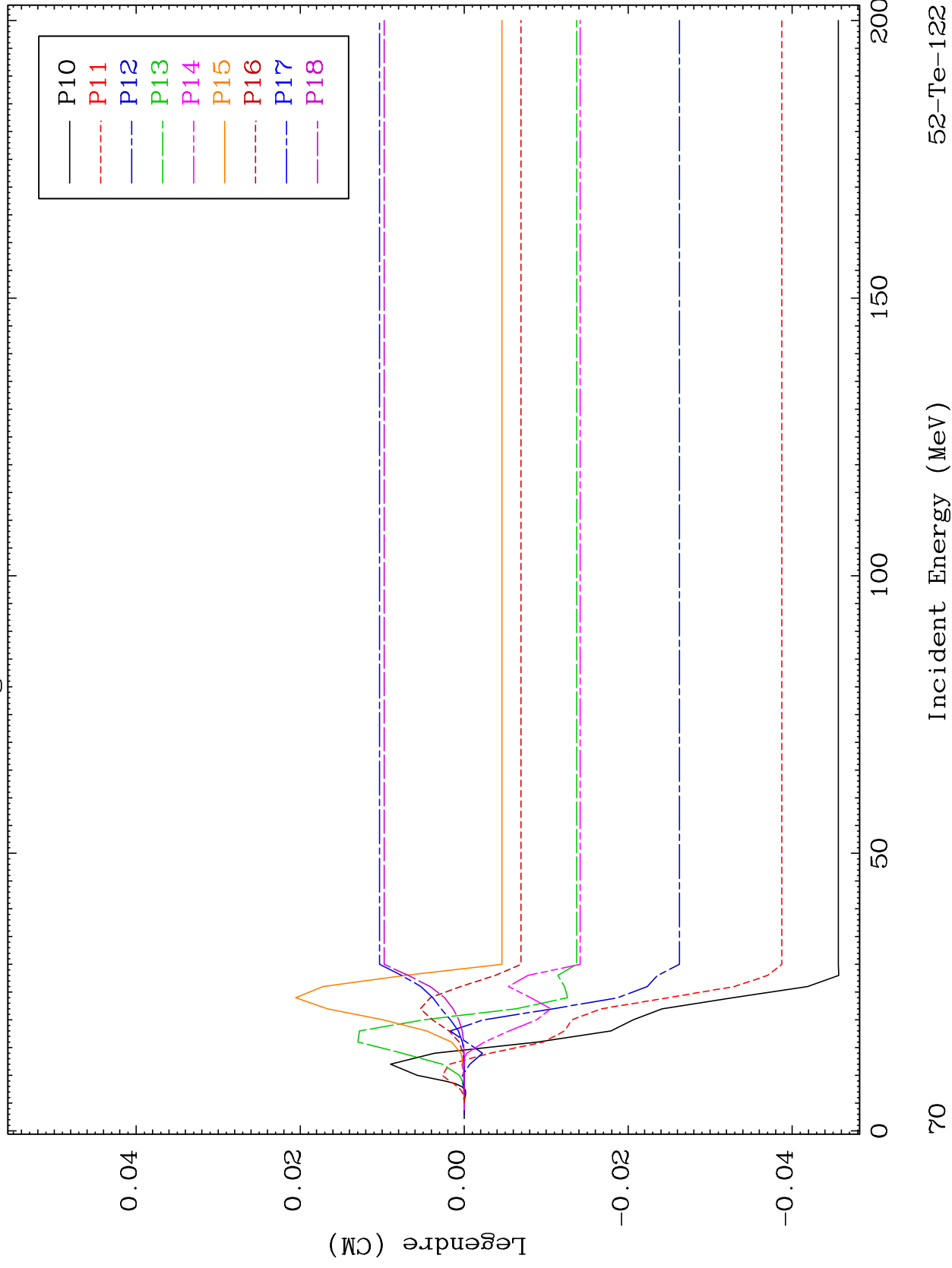


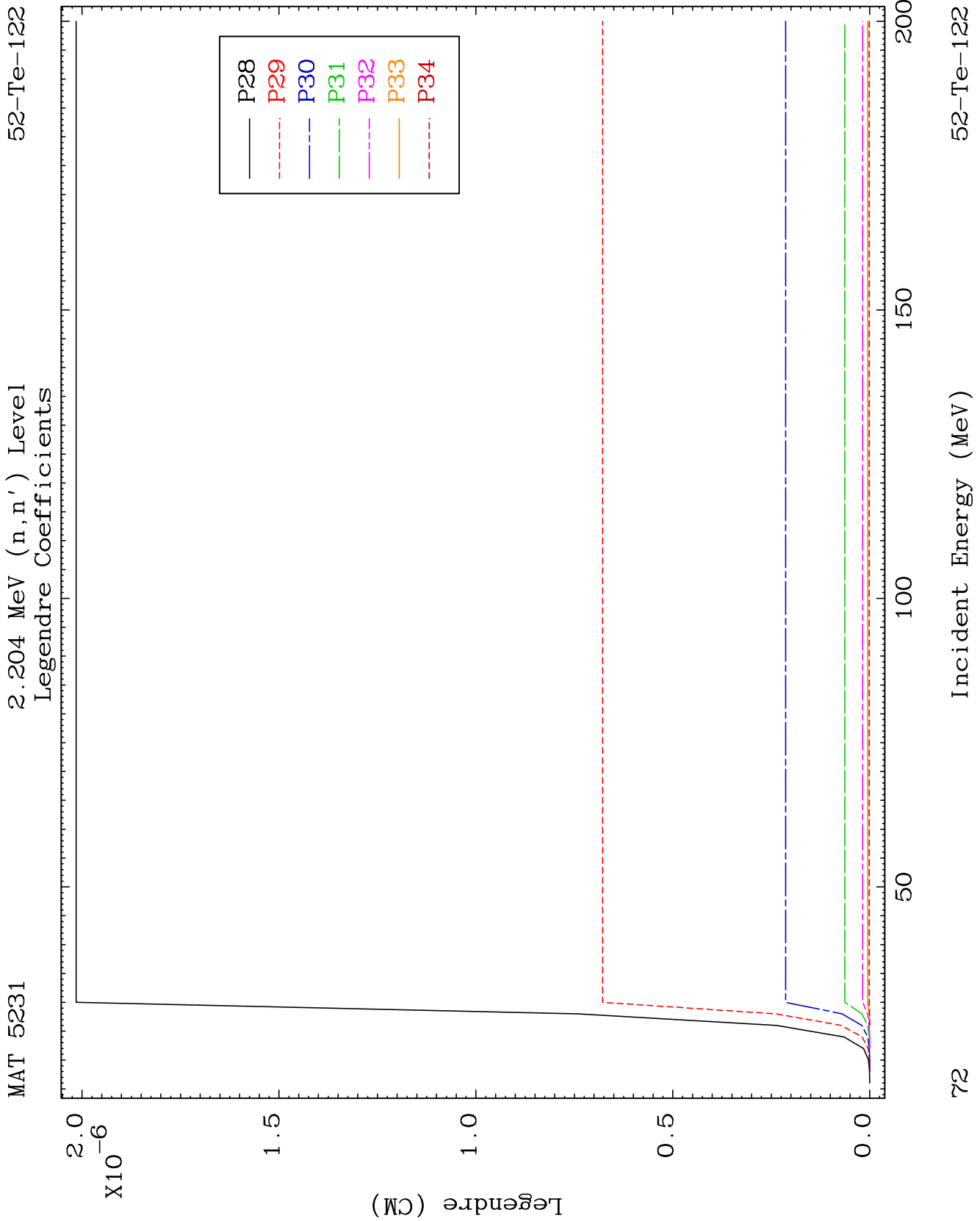


MAT 5231

2.204 MeV (n,n') Level
Legendre Coefficients

52-Te-122

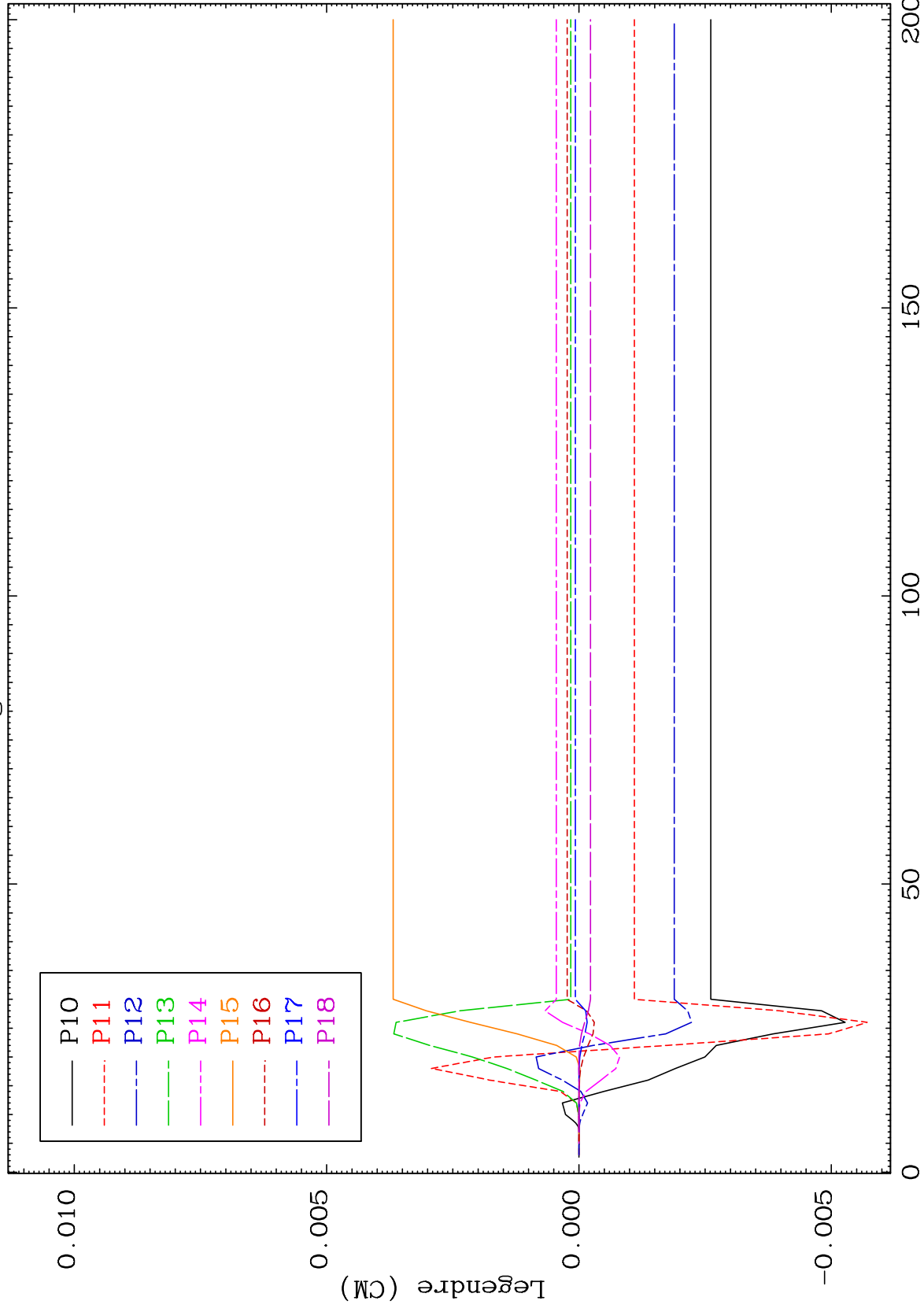




MAT 5231

2.284 MeV (n,n') Level
Legendre Coefficients

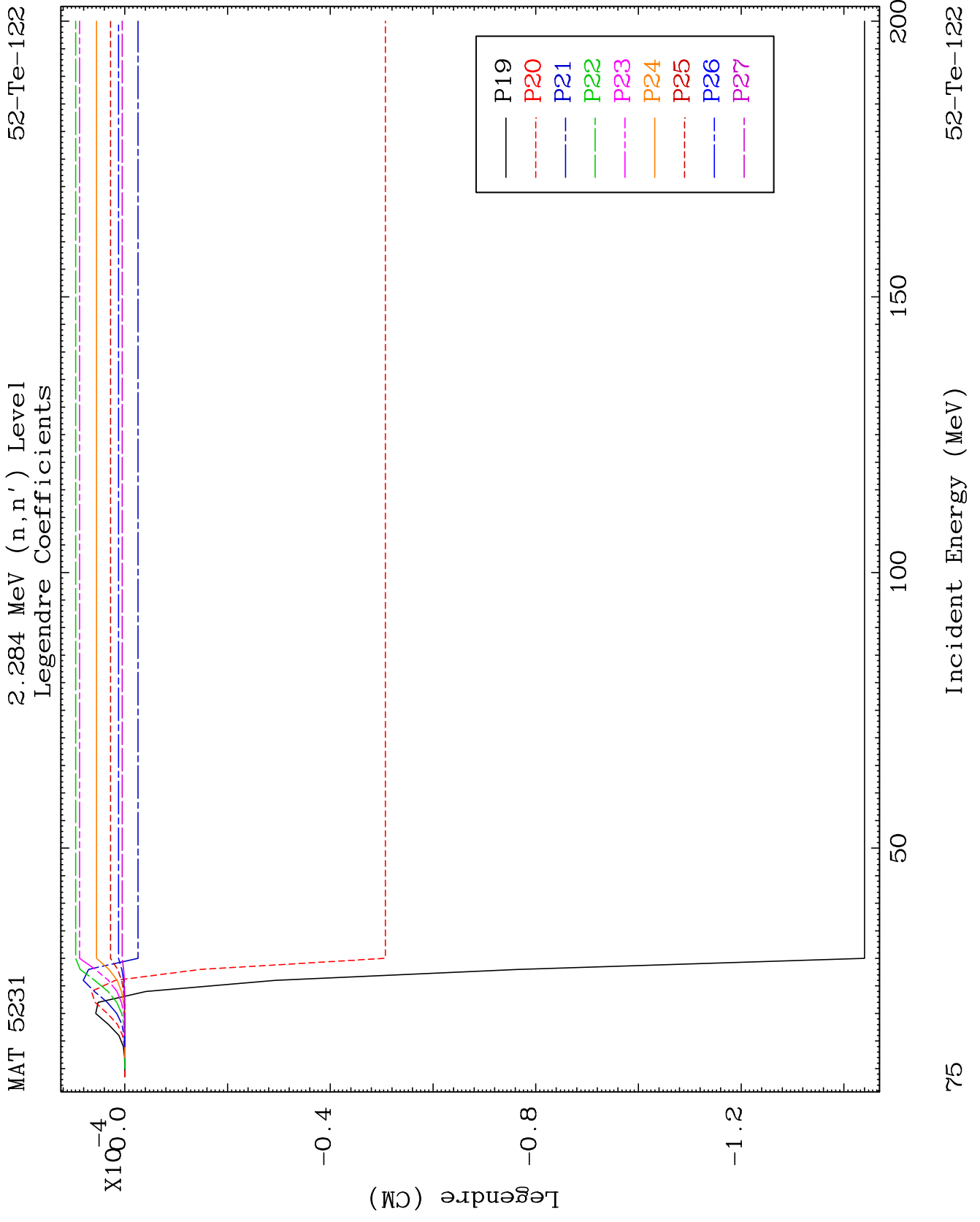
52-Te-122

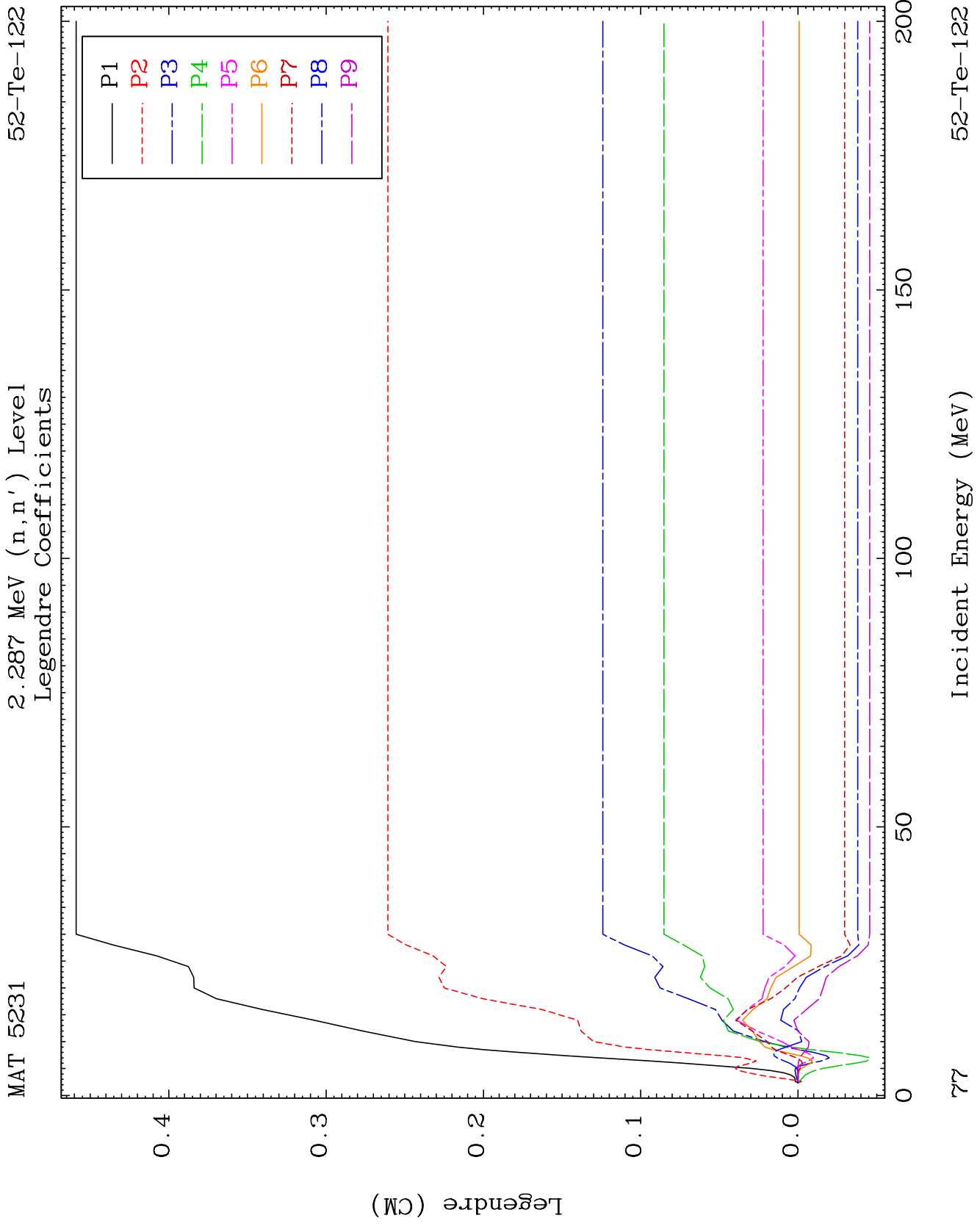


74

Incident Energy (MeV)

52-Te-122

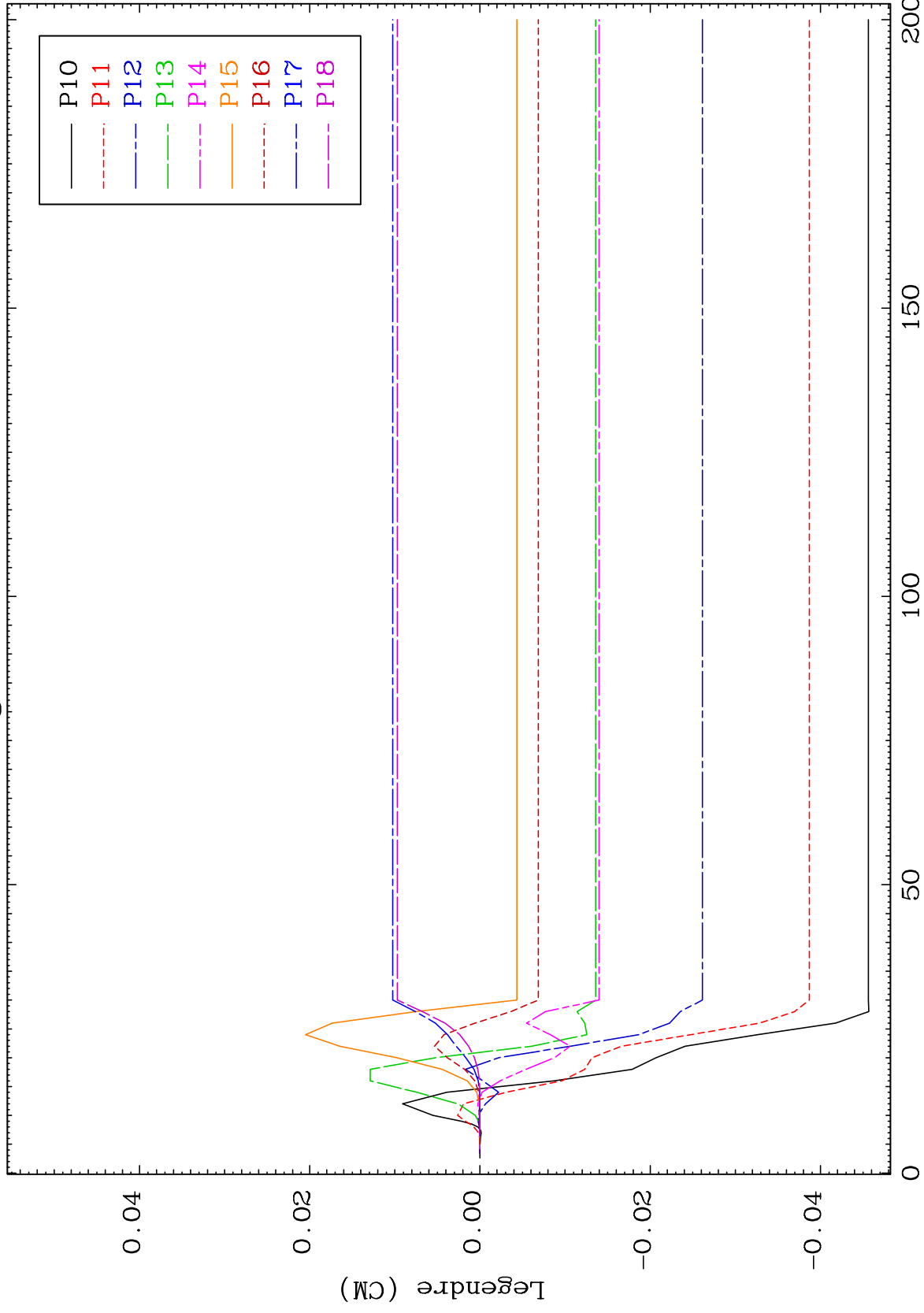




MAT 5231

2.287 MeV (n,n') Level
Legendre Coefficients

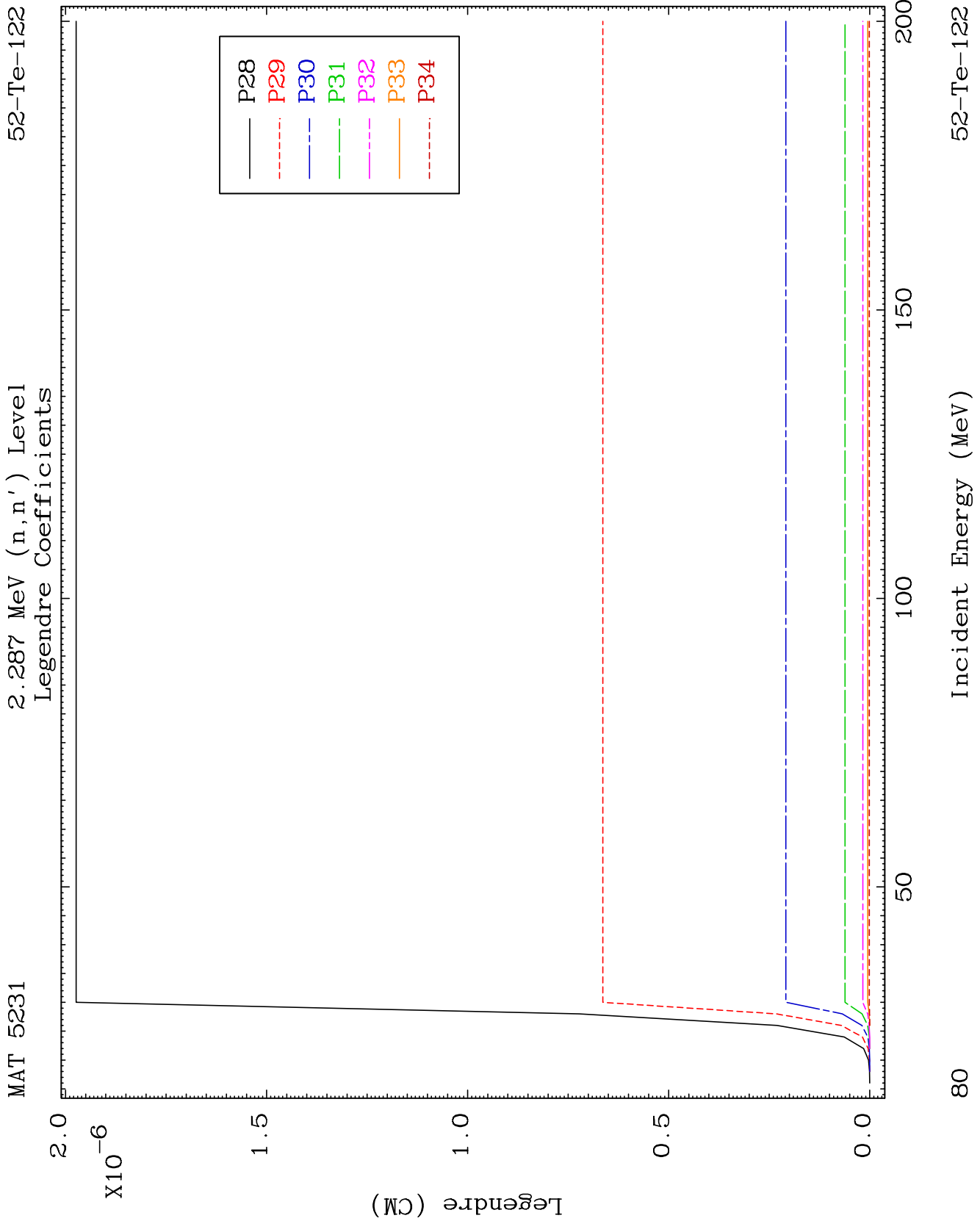
52-Te-122

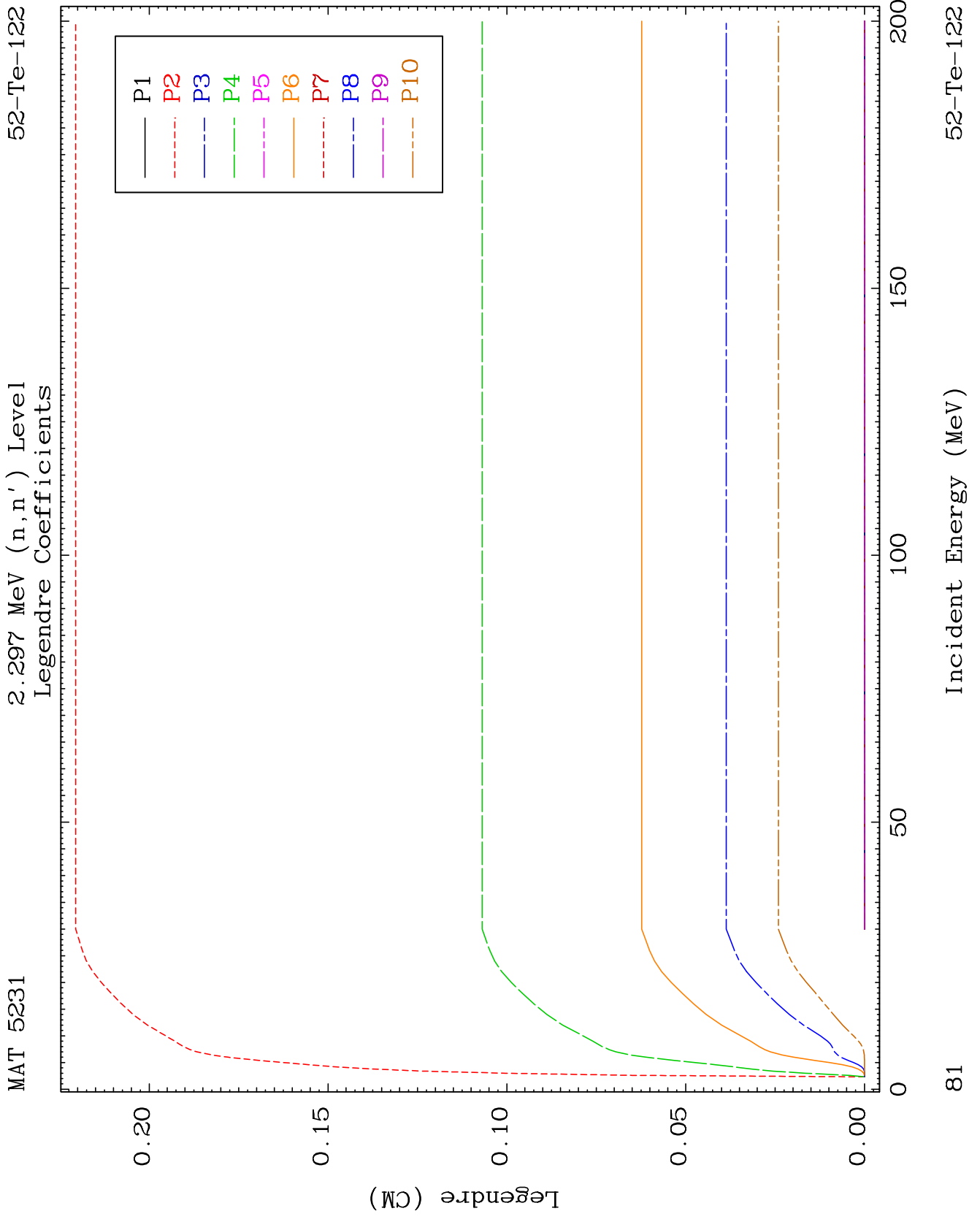


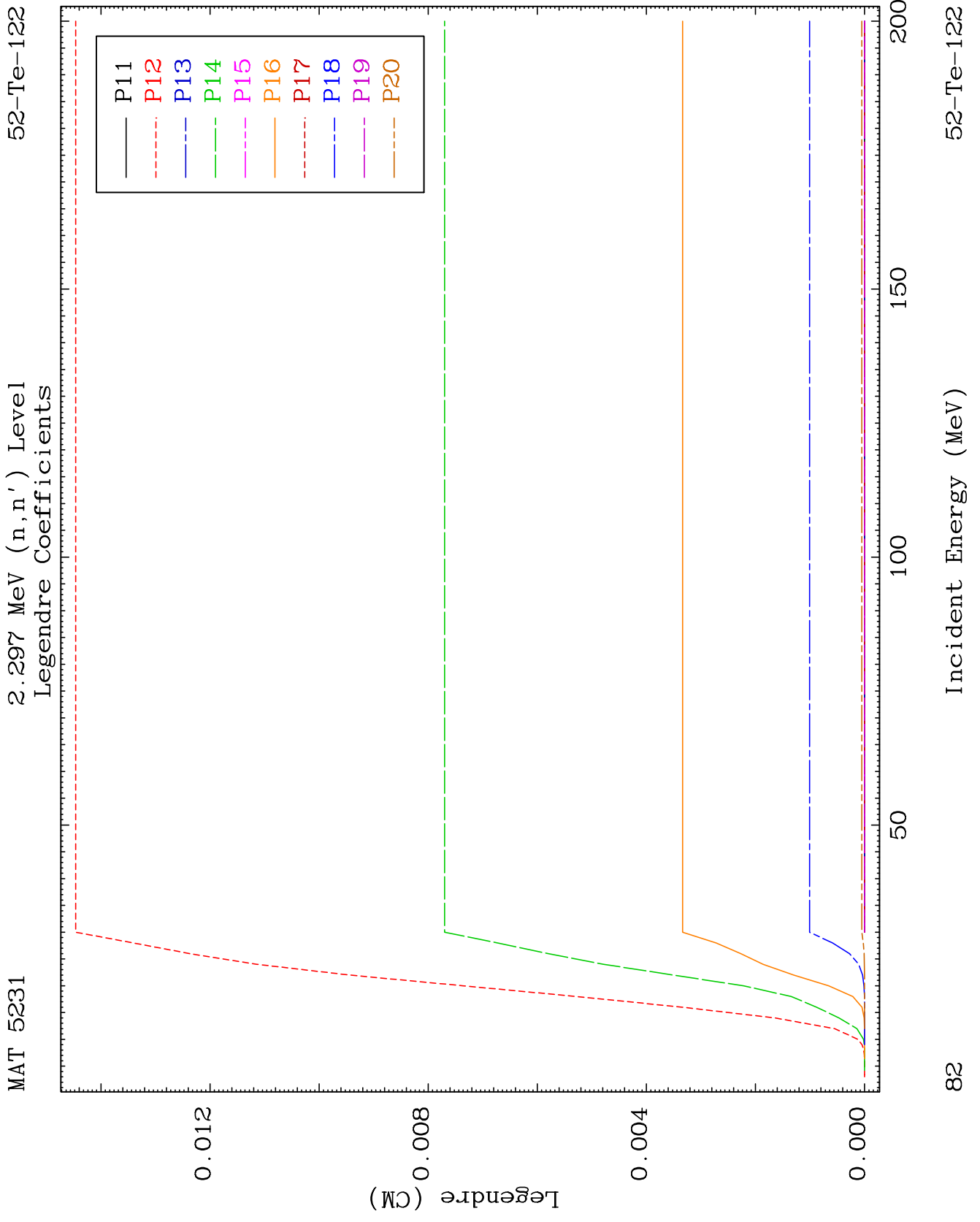
78

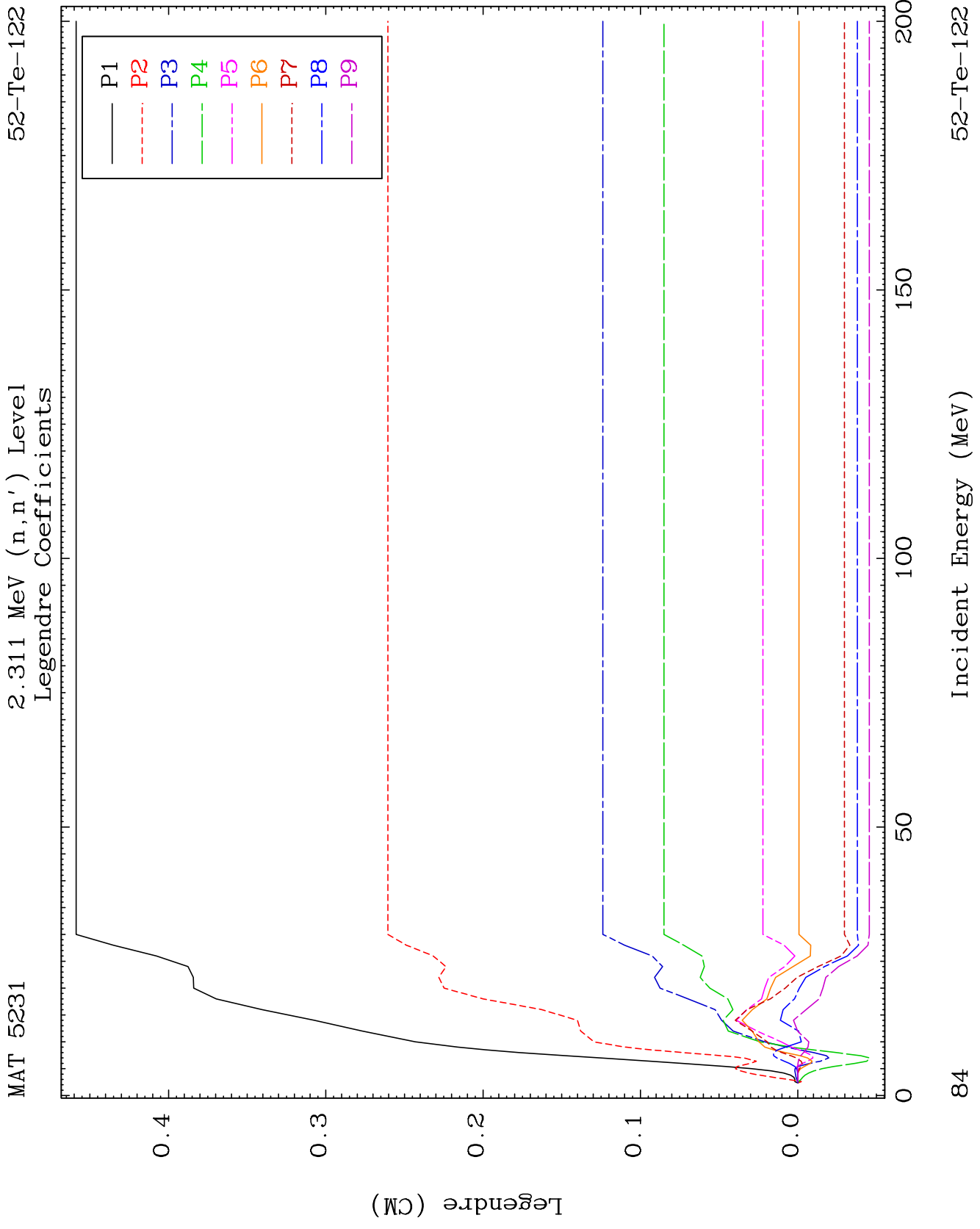
Incident Energy (MeV)

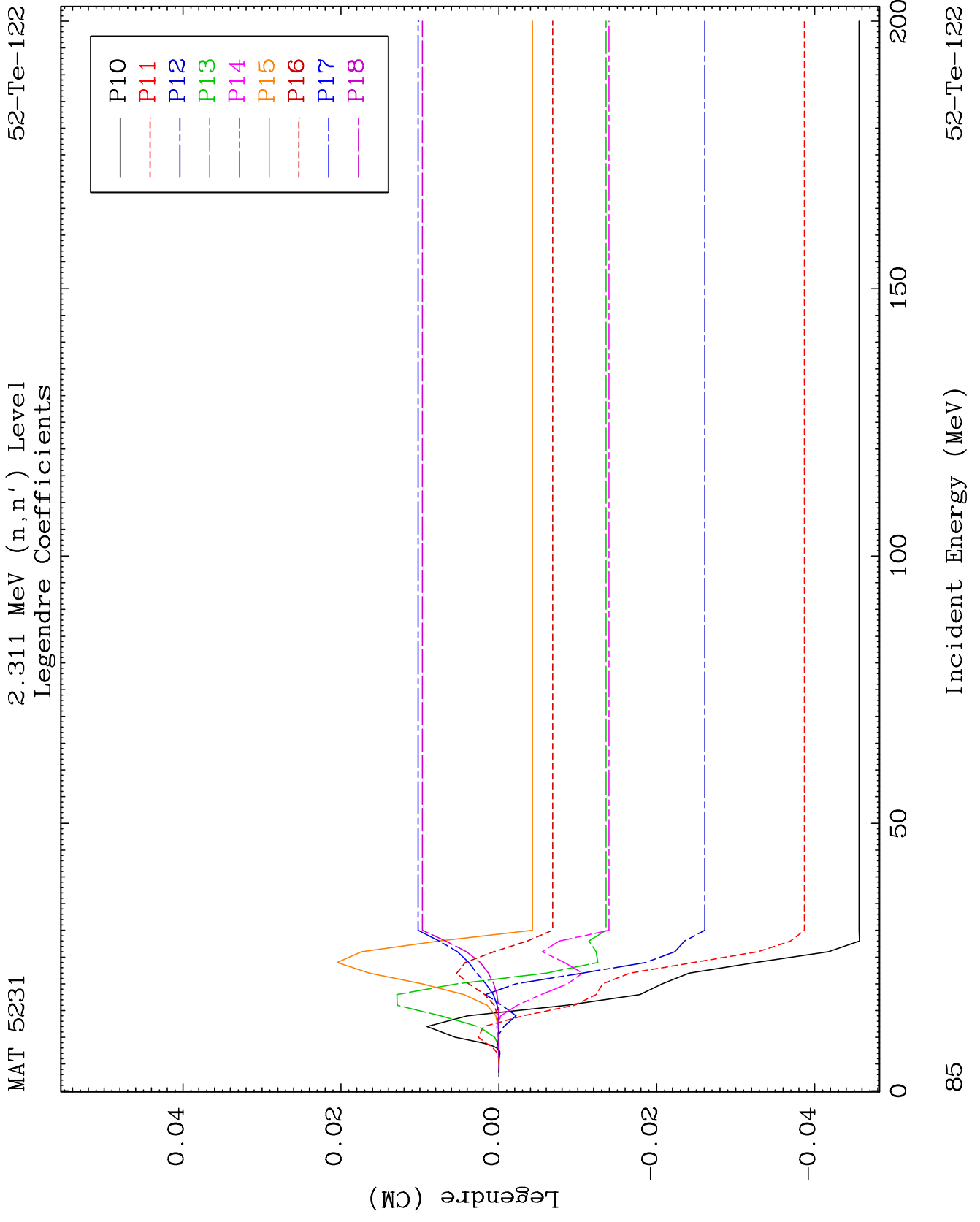
52-Te-122

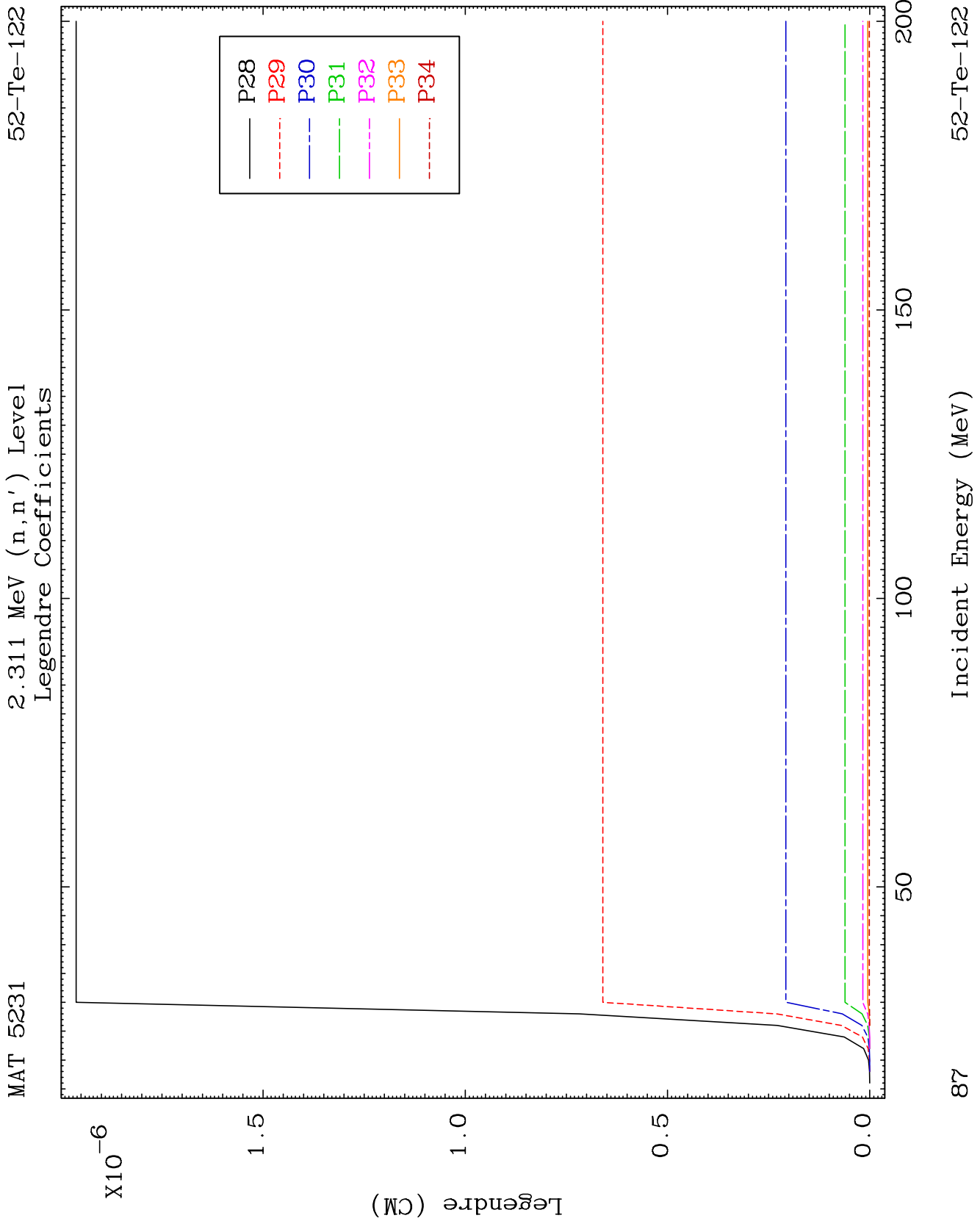








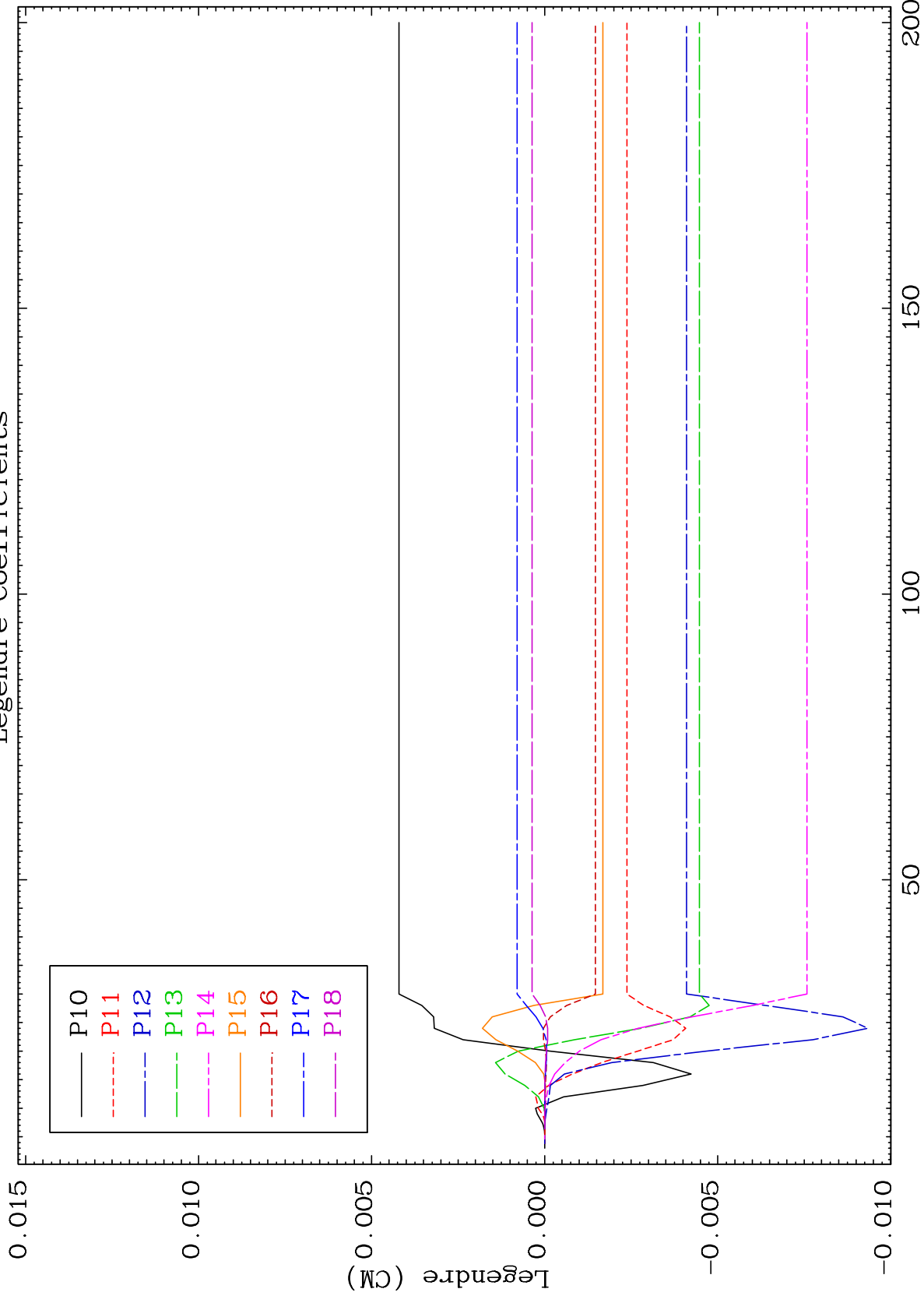




MAT 5231

2.408 MeV (n,n') Level
Legendre Coefficients

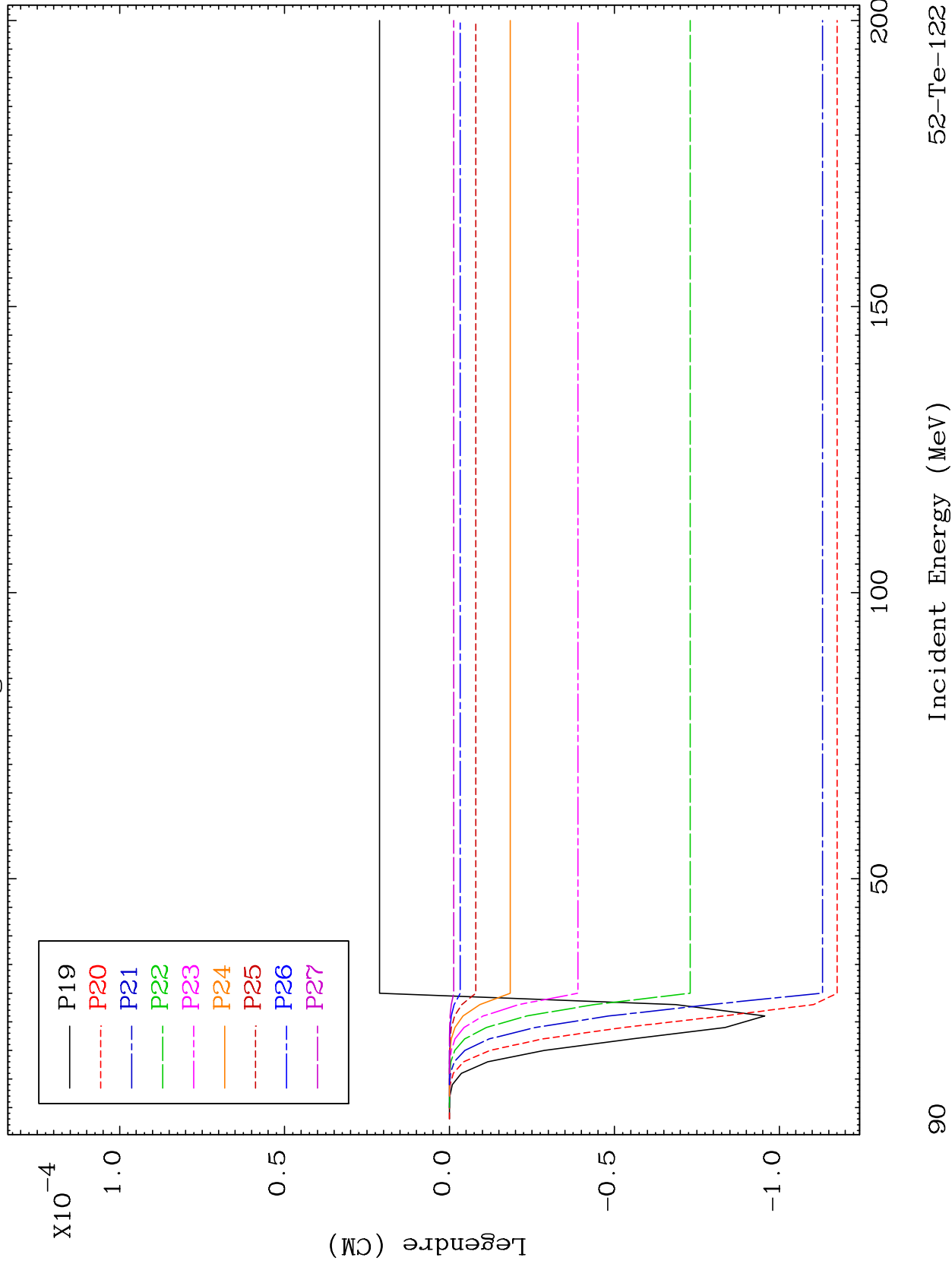
52-Te-122



MAT 5231

2.408 MeV (n,n') Level
Legendre Coefficients

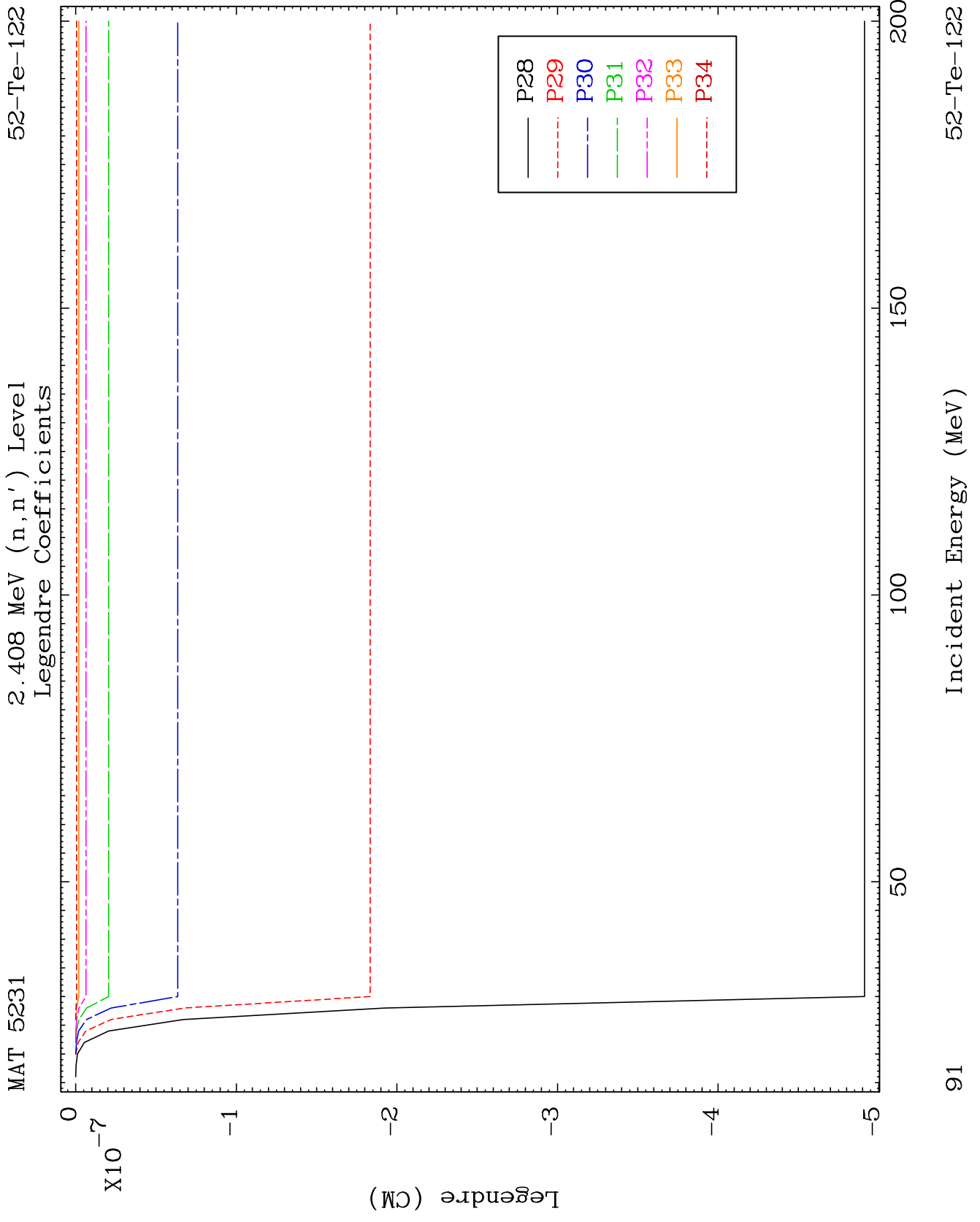
52-Te-122



90

Incident Energy (MeV)

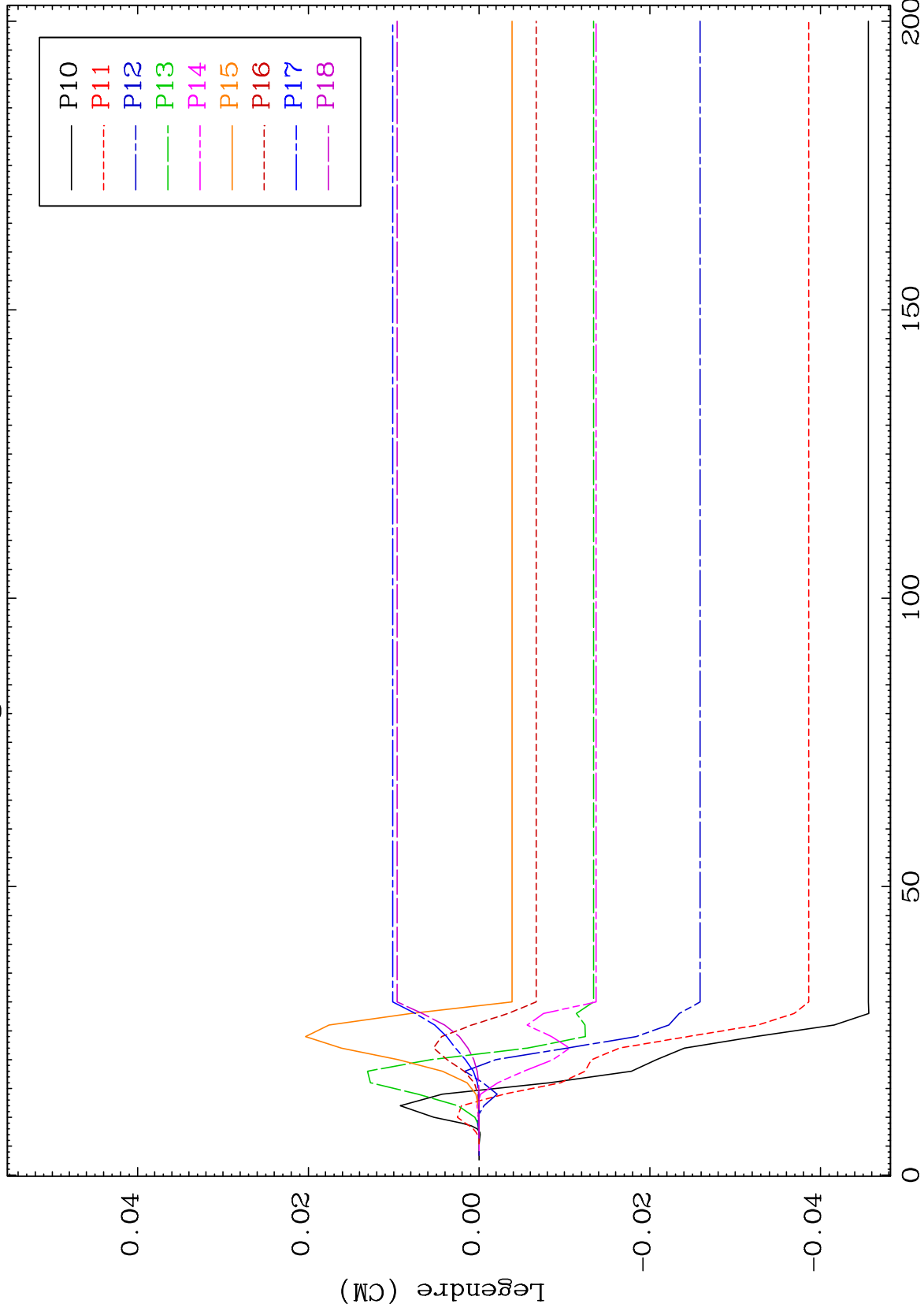
52-Te-122



MAT 5231

2.428 MeV (n,n') Level
Legendre Coefficients

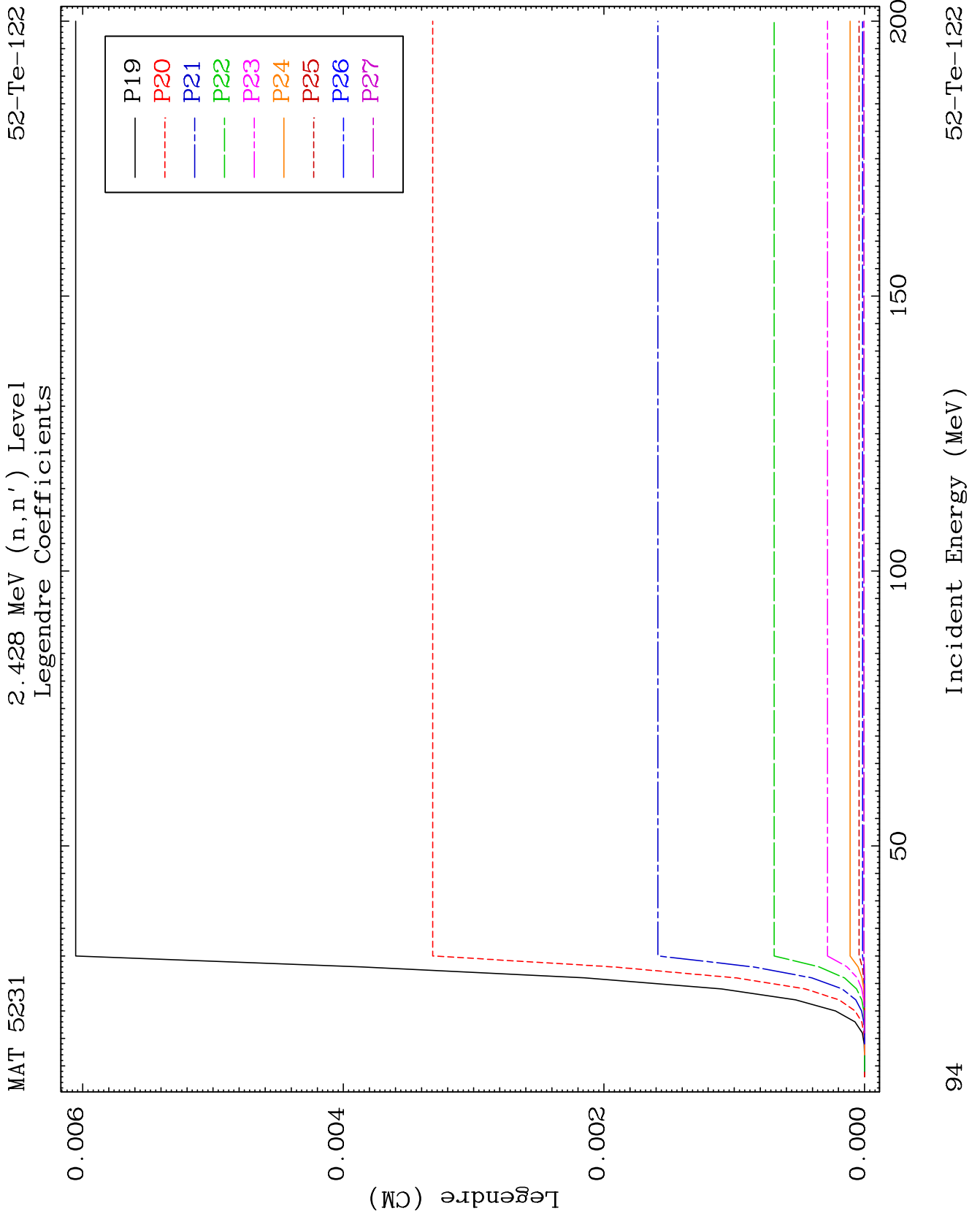
52-Te-122

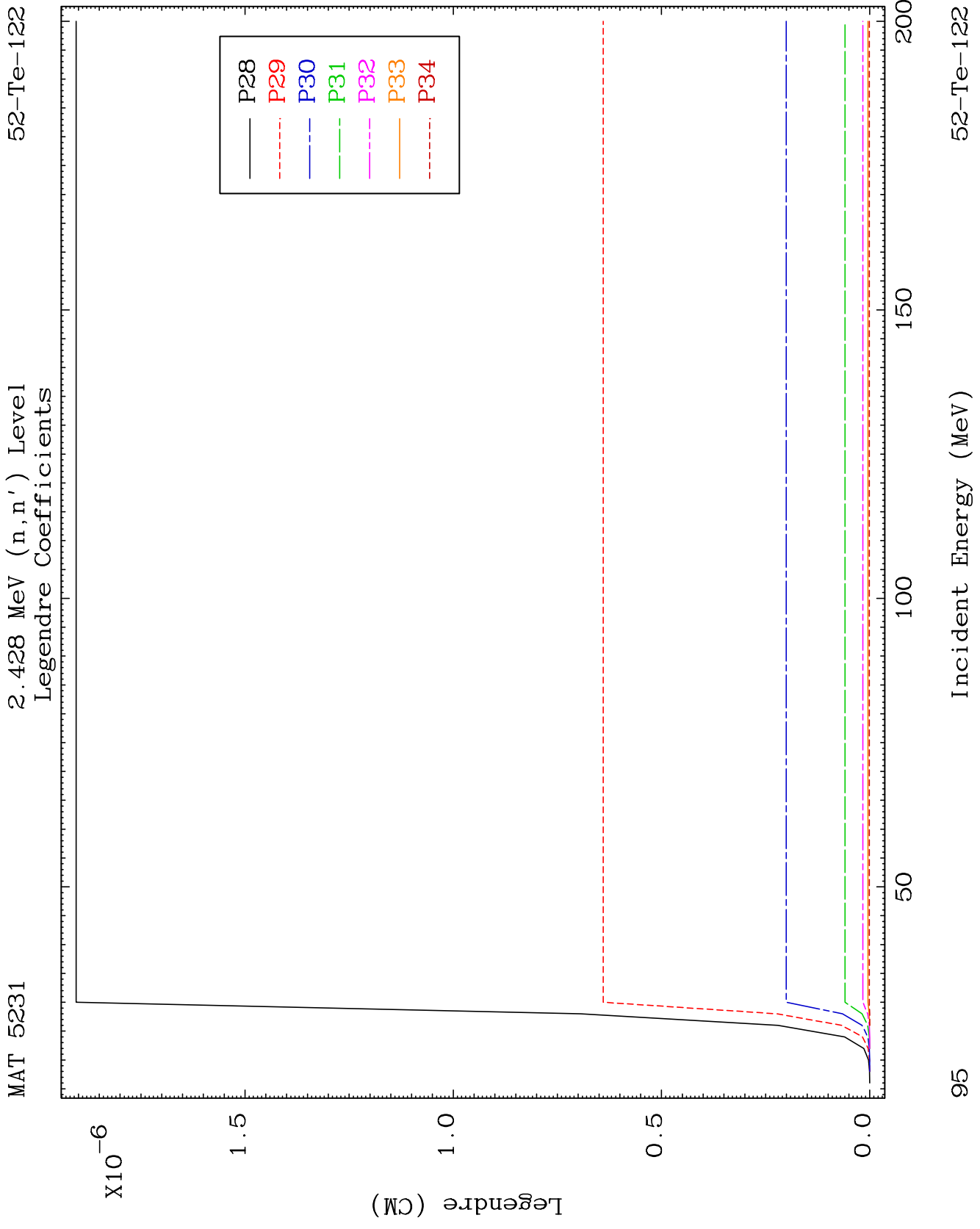


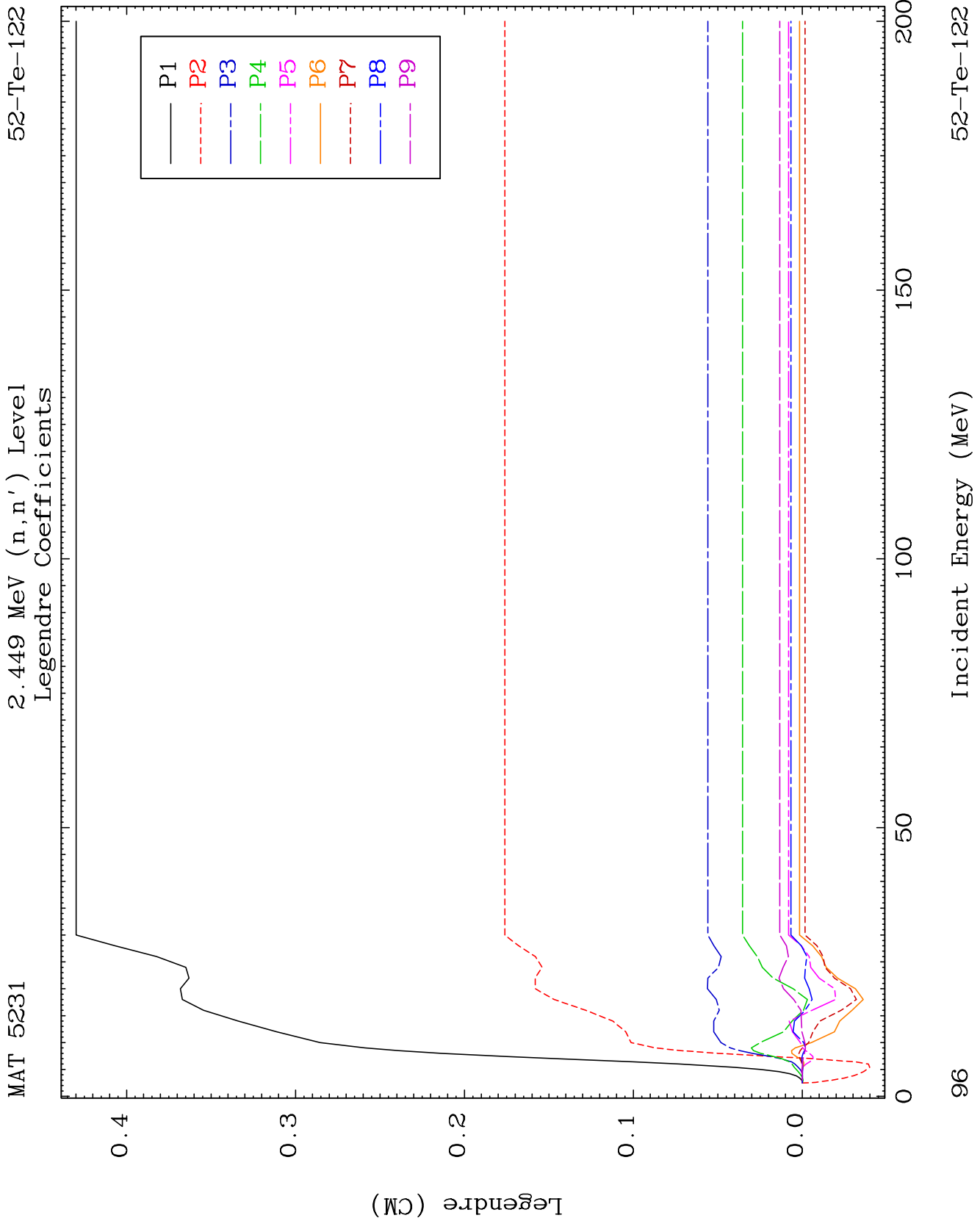
93

Incident Energy (MeV)

52-Te-122



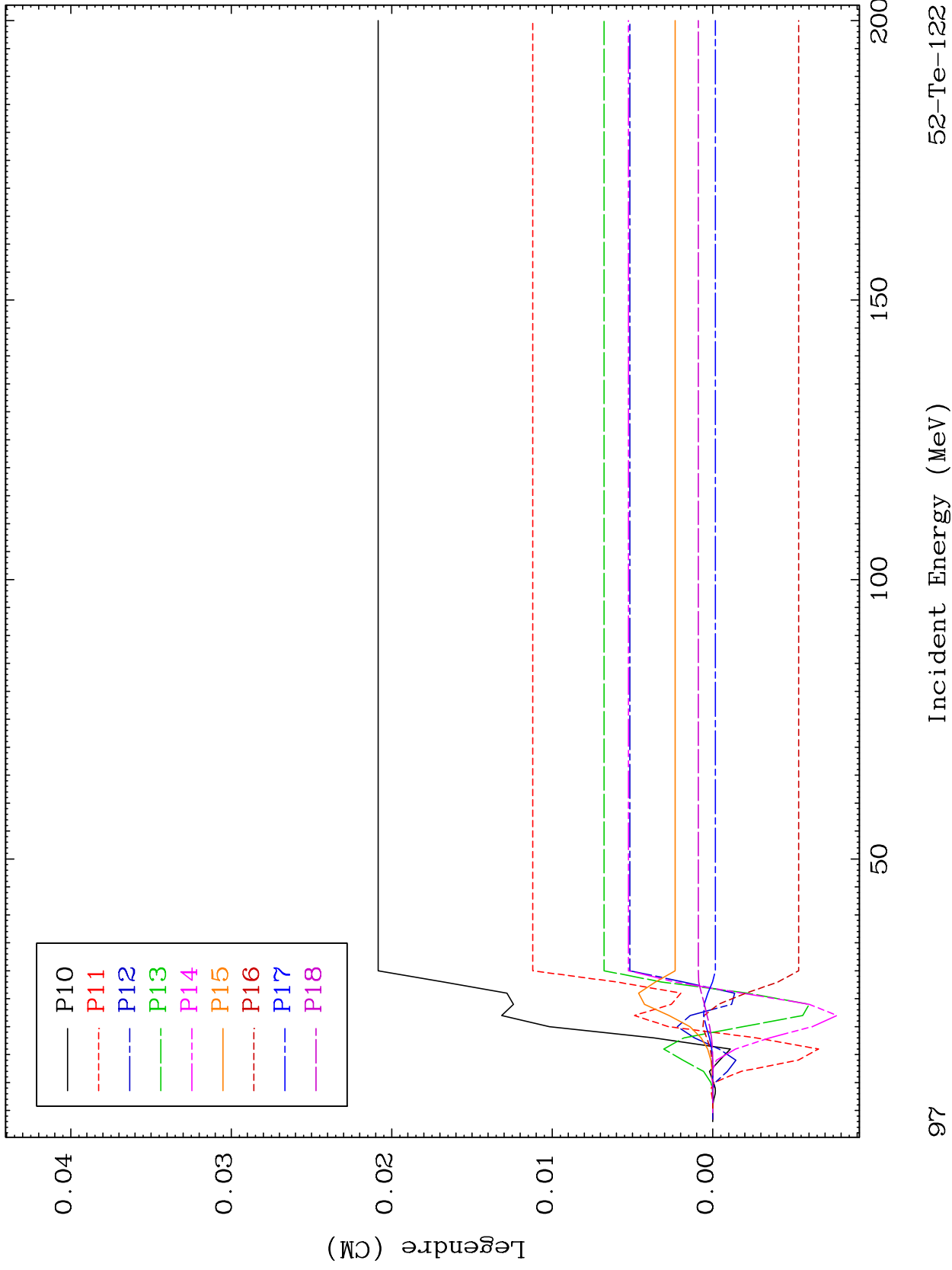




MAT 5231

2.449 MeV (n,n') Level
Legendre Coefficients

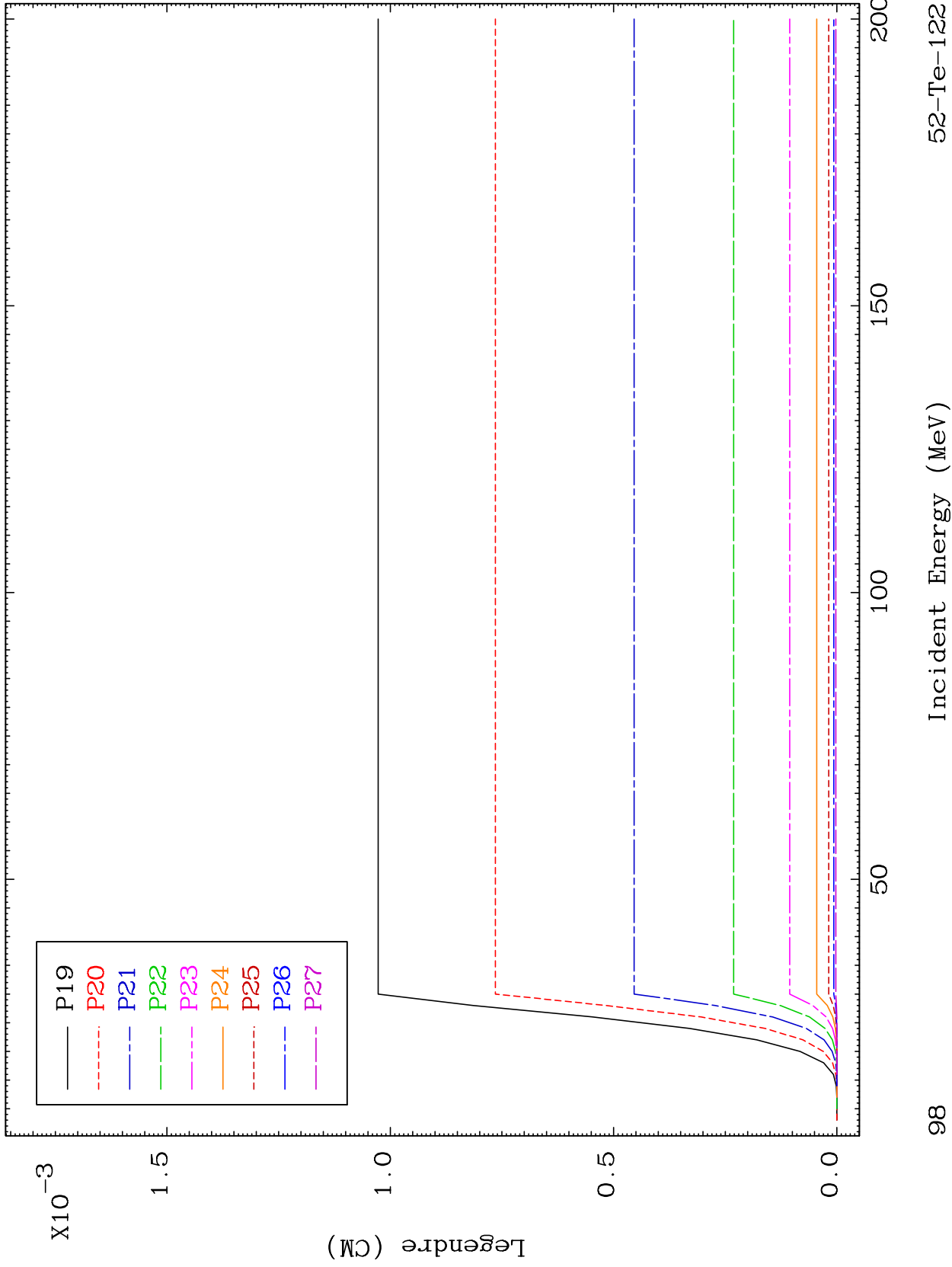
52-Te-122

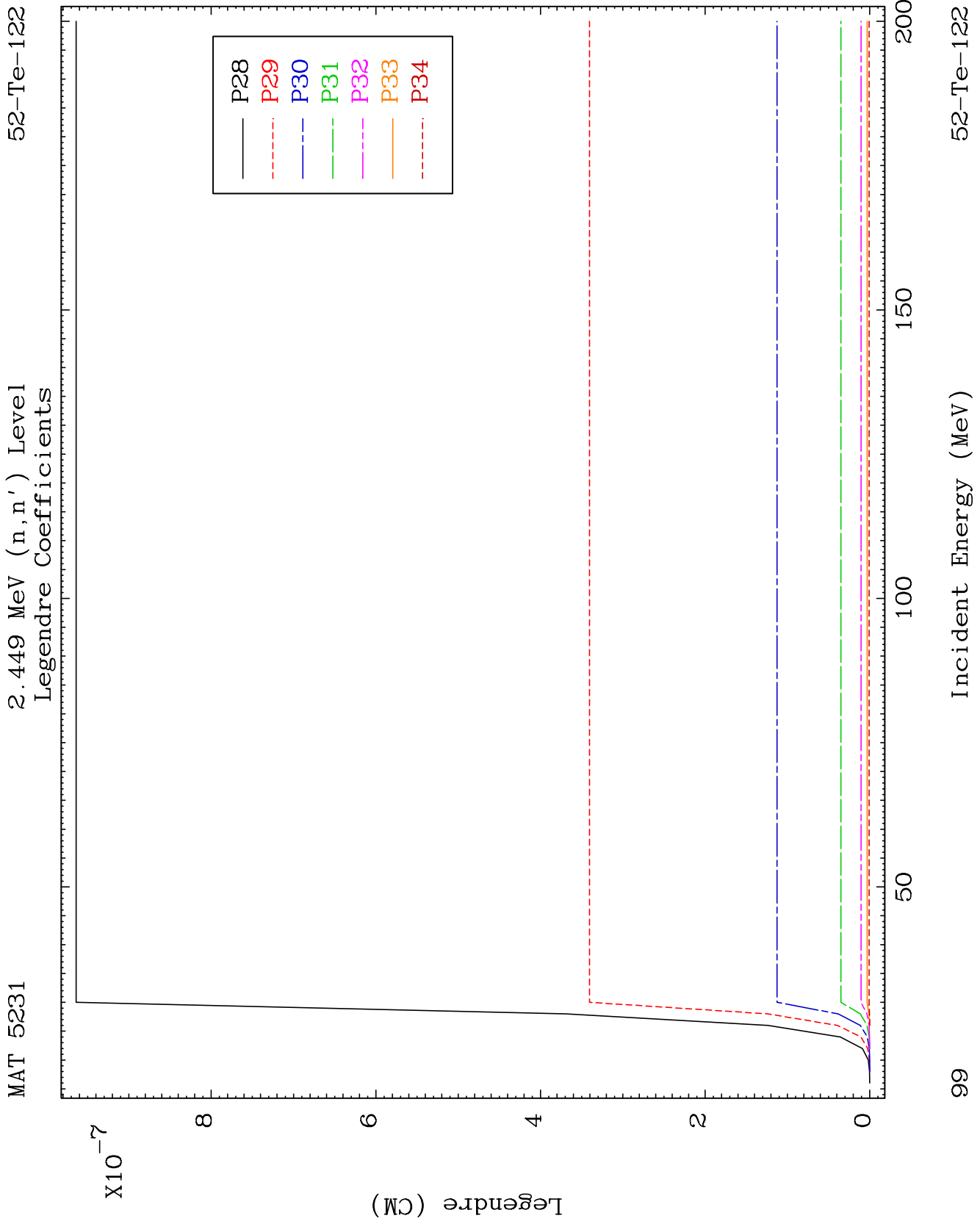


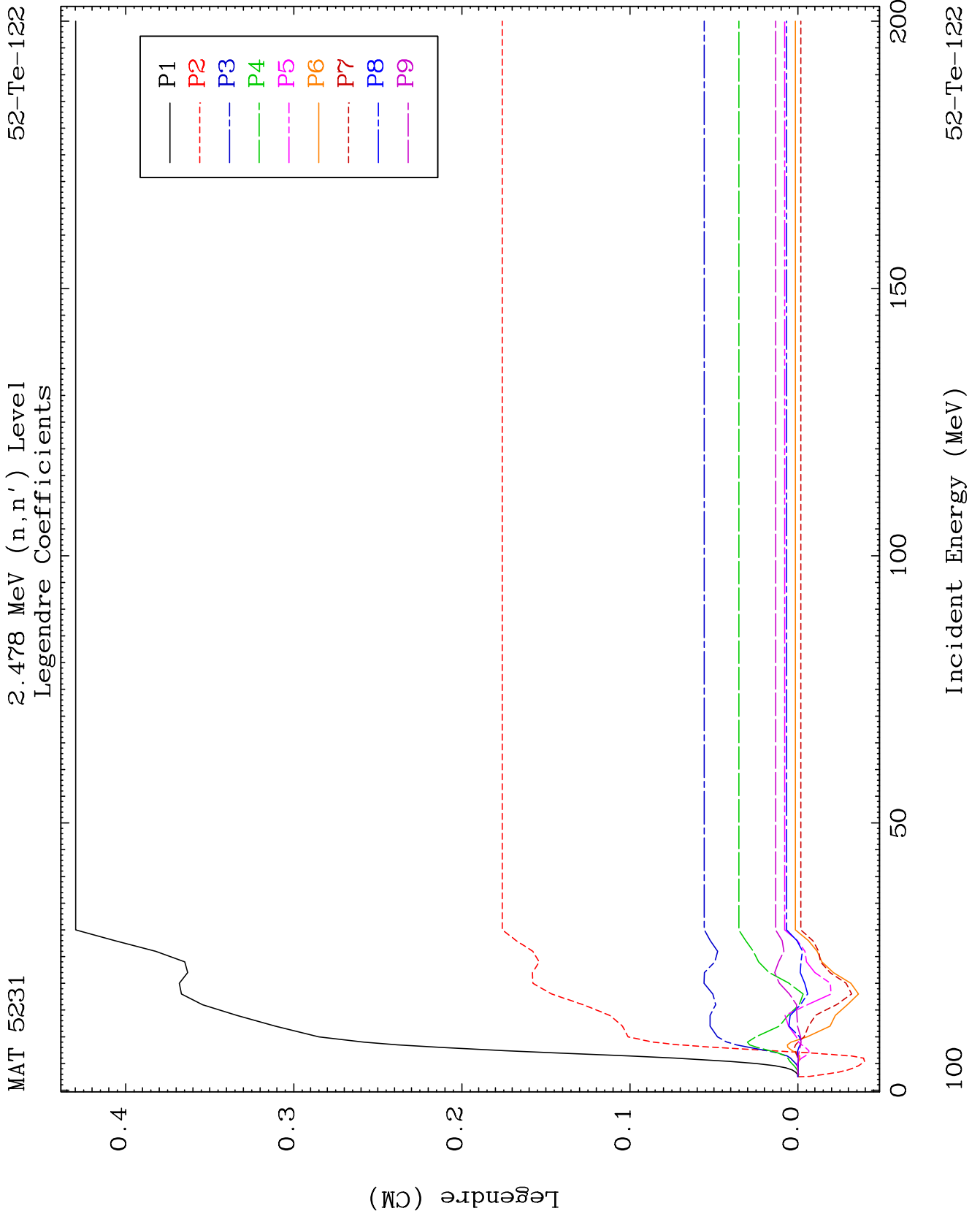
MAT 5231

2.449 MeV (n,n') Level
Legendre Coefficients

52-Te-122



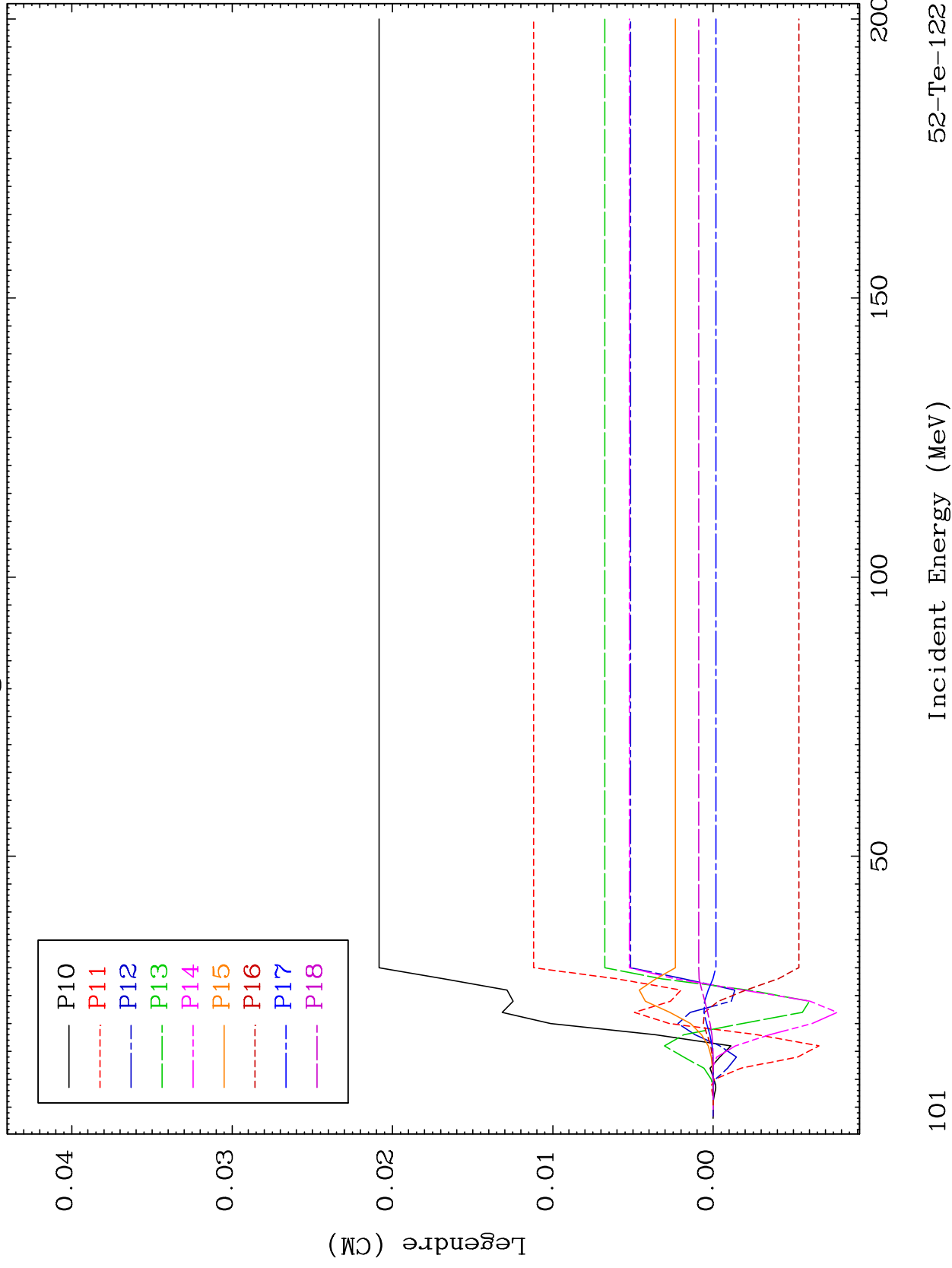




MAT 5231

2.478 MeV (n,n') Level
Legendre Coefficients

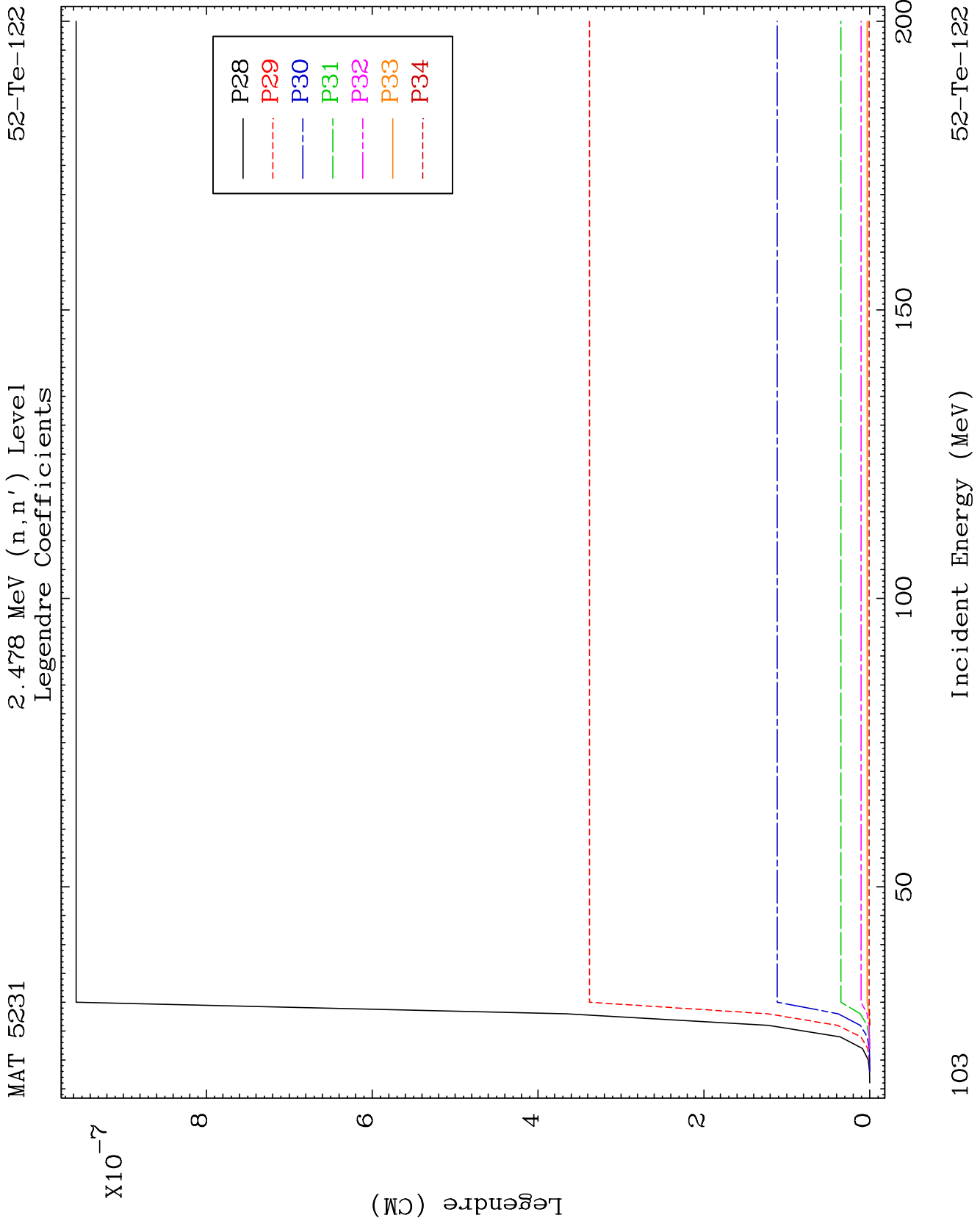
52-Te-122

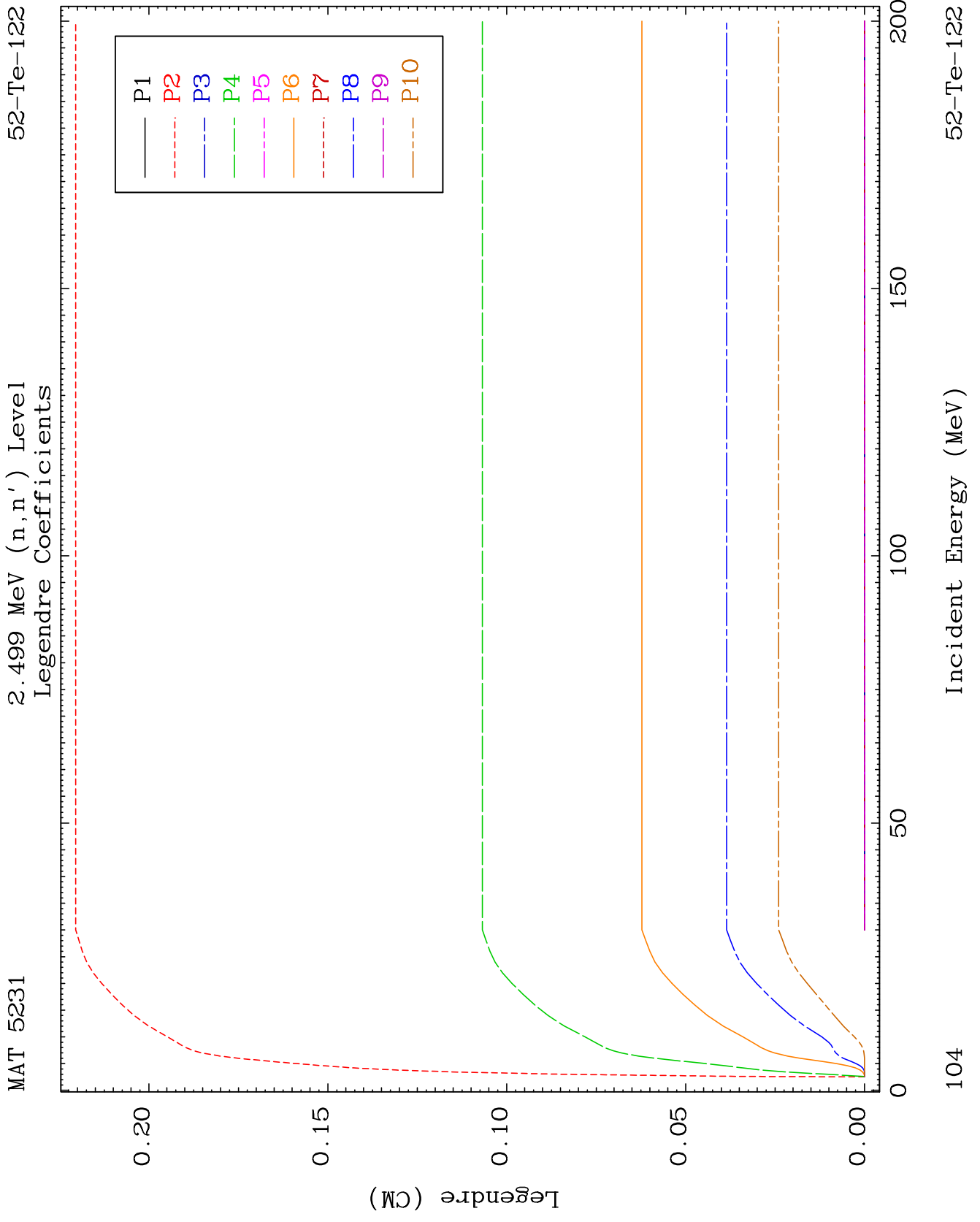


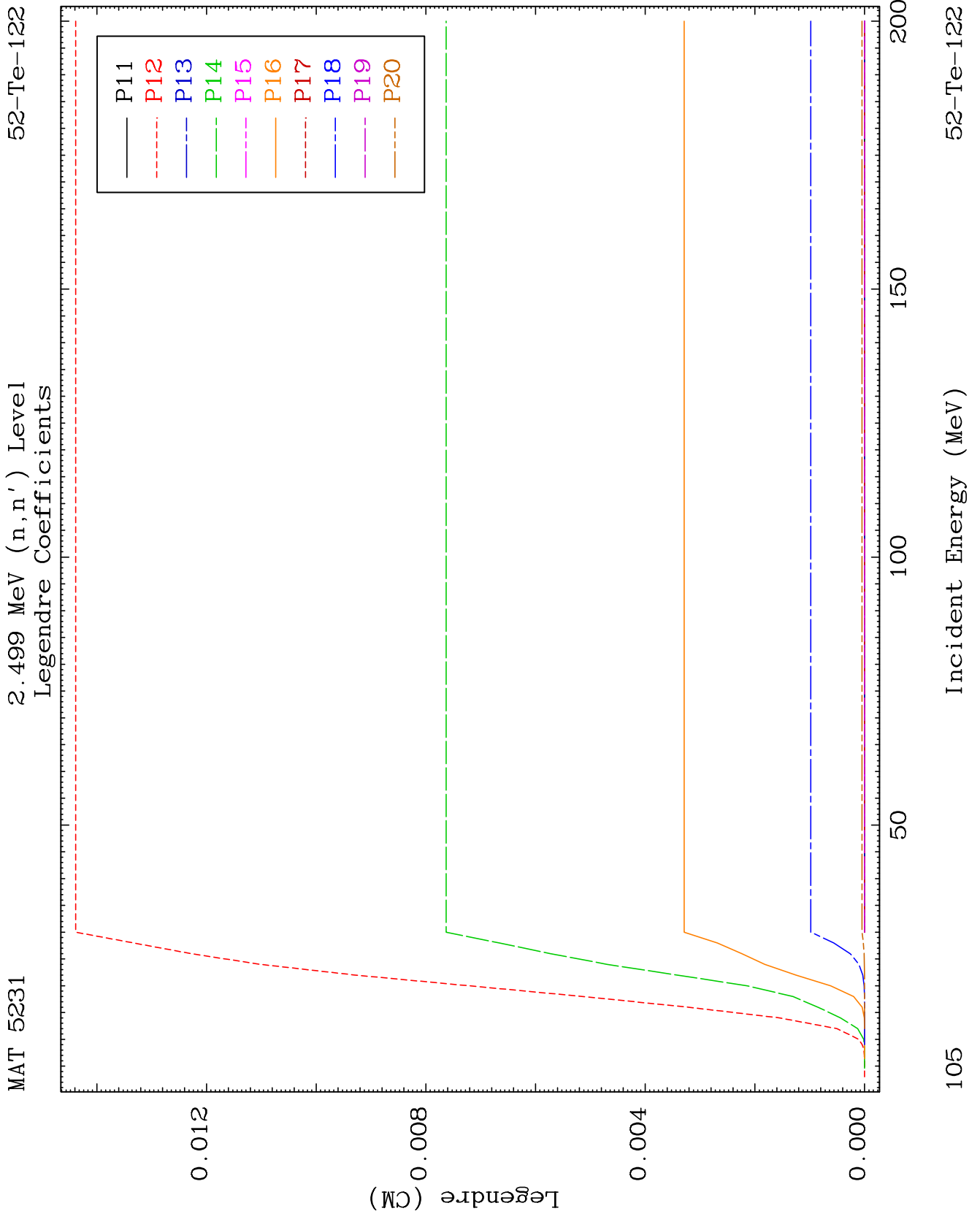
101

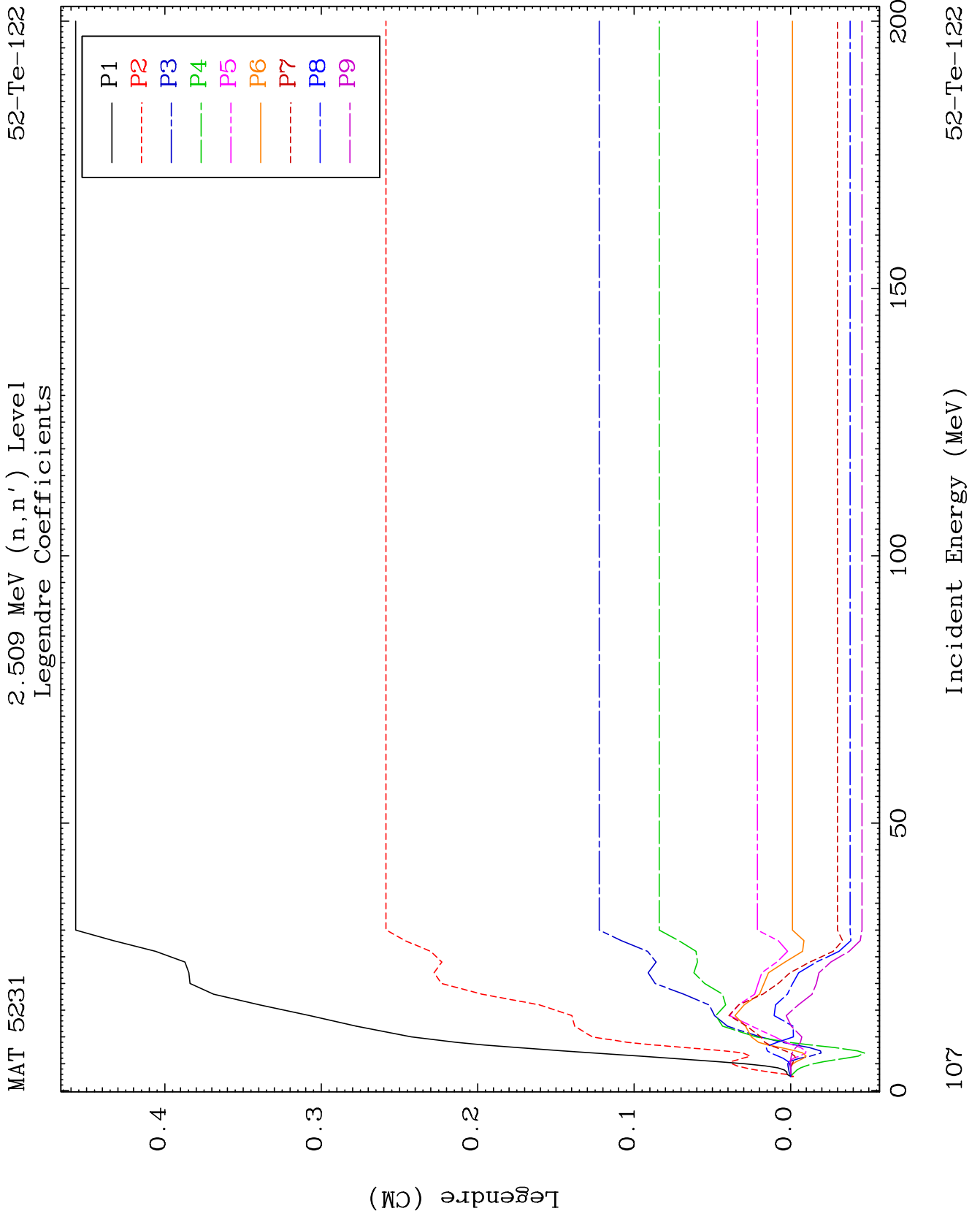
Incident Energy (MeV)

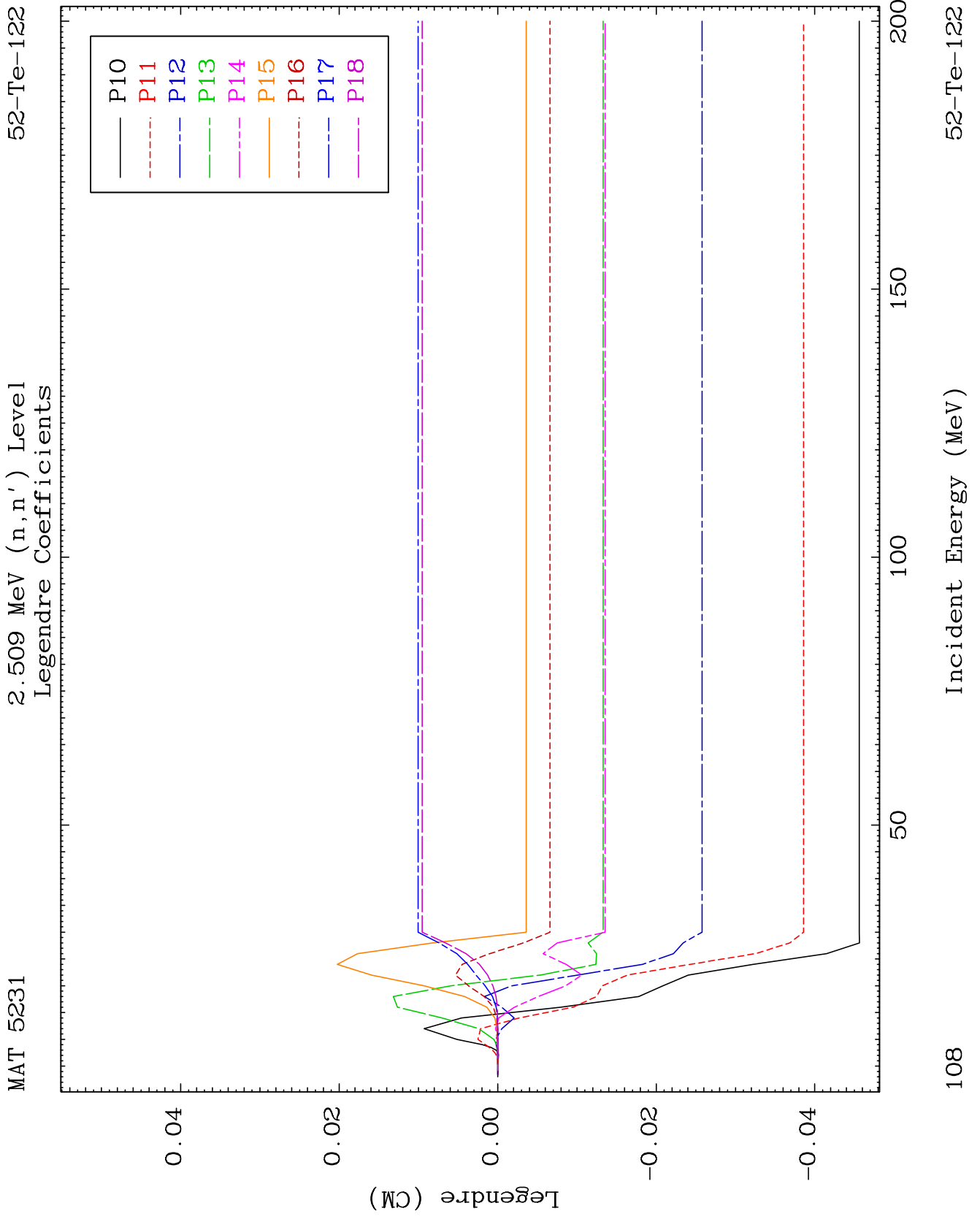
52-Te-122

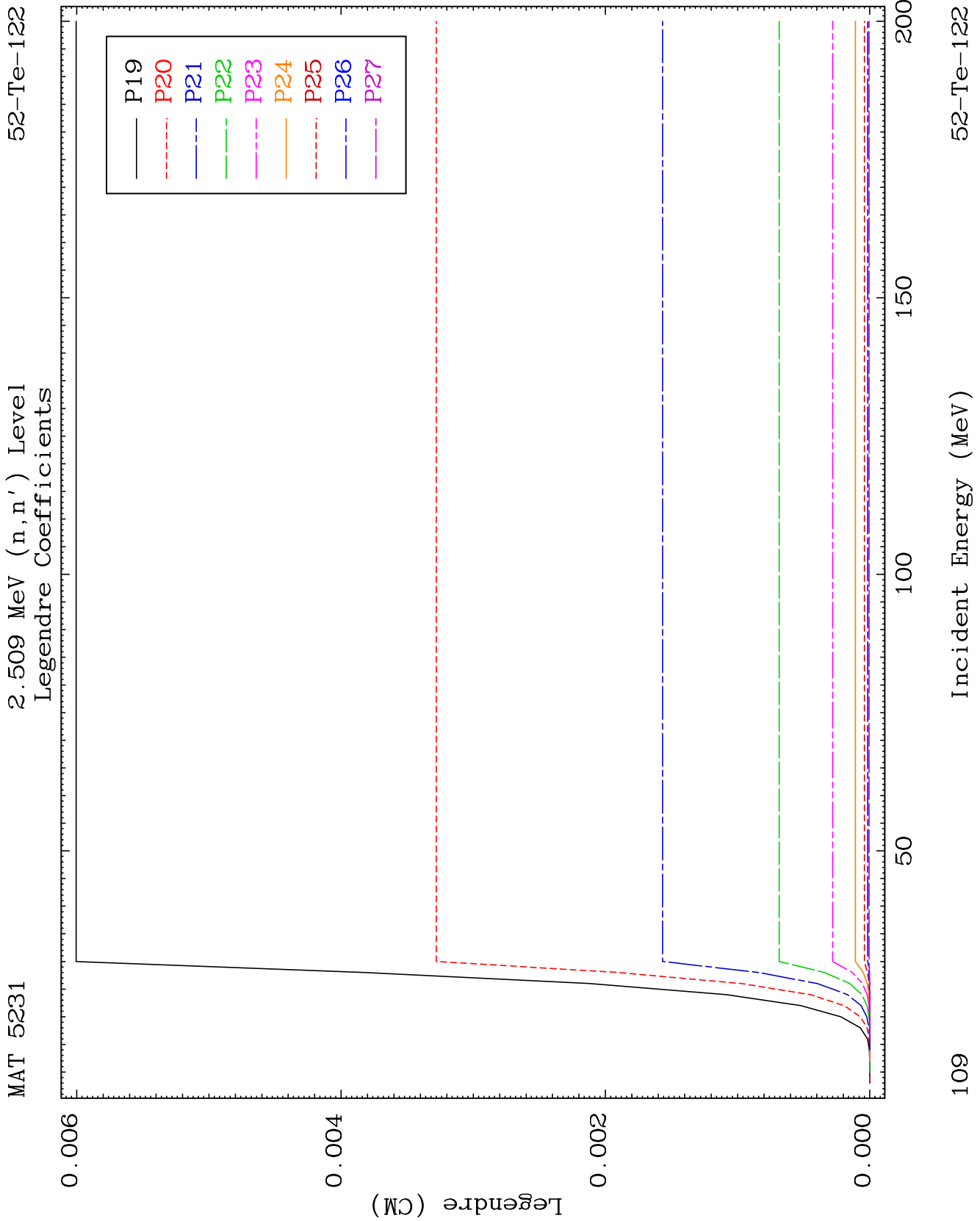


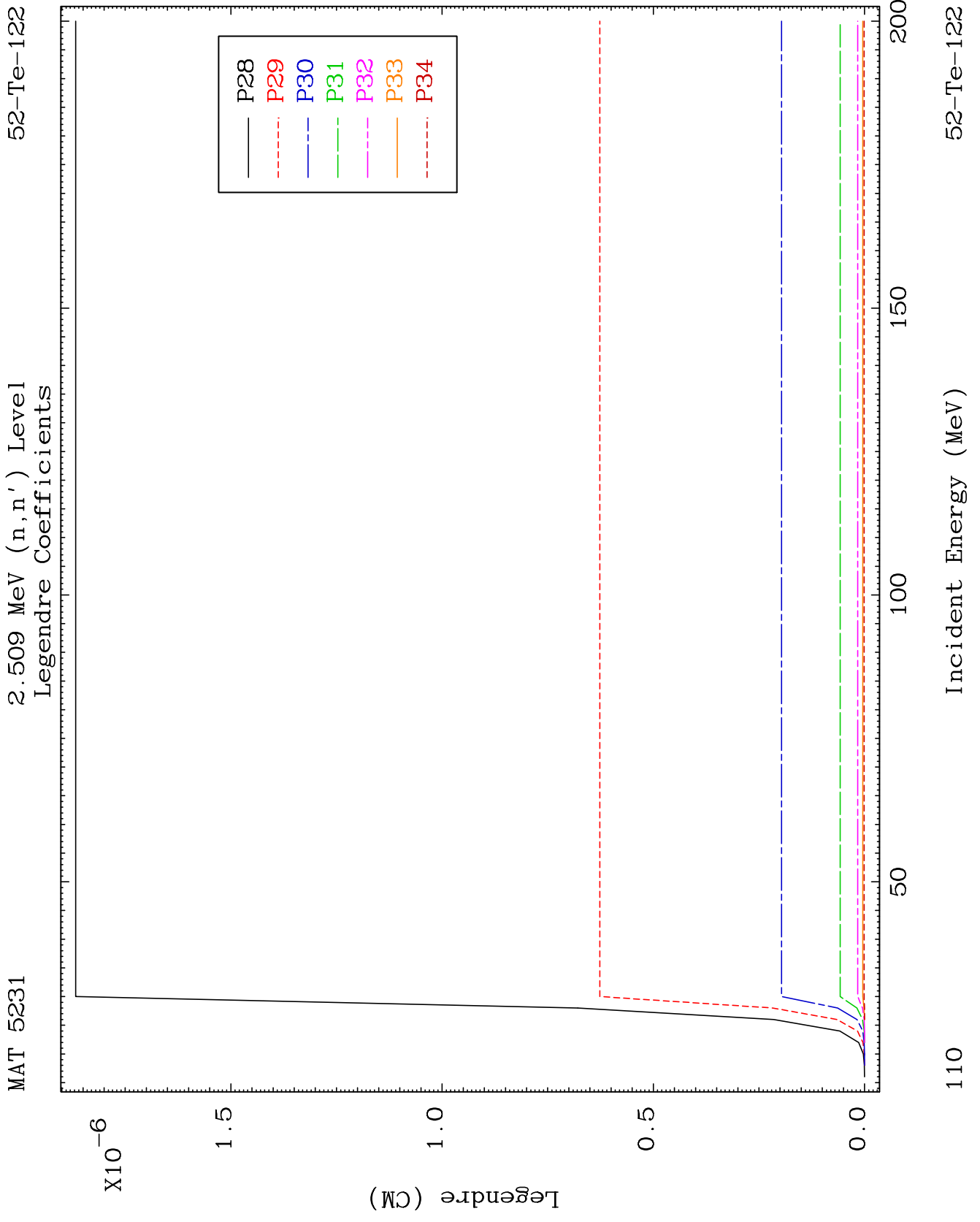


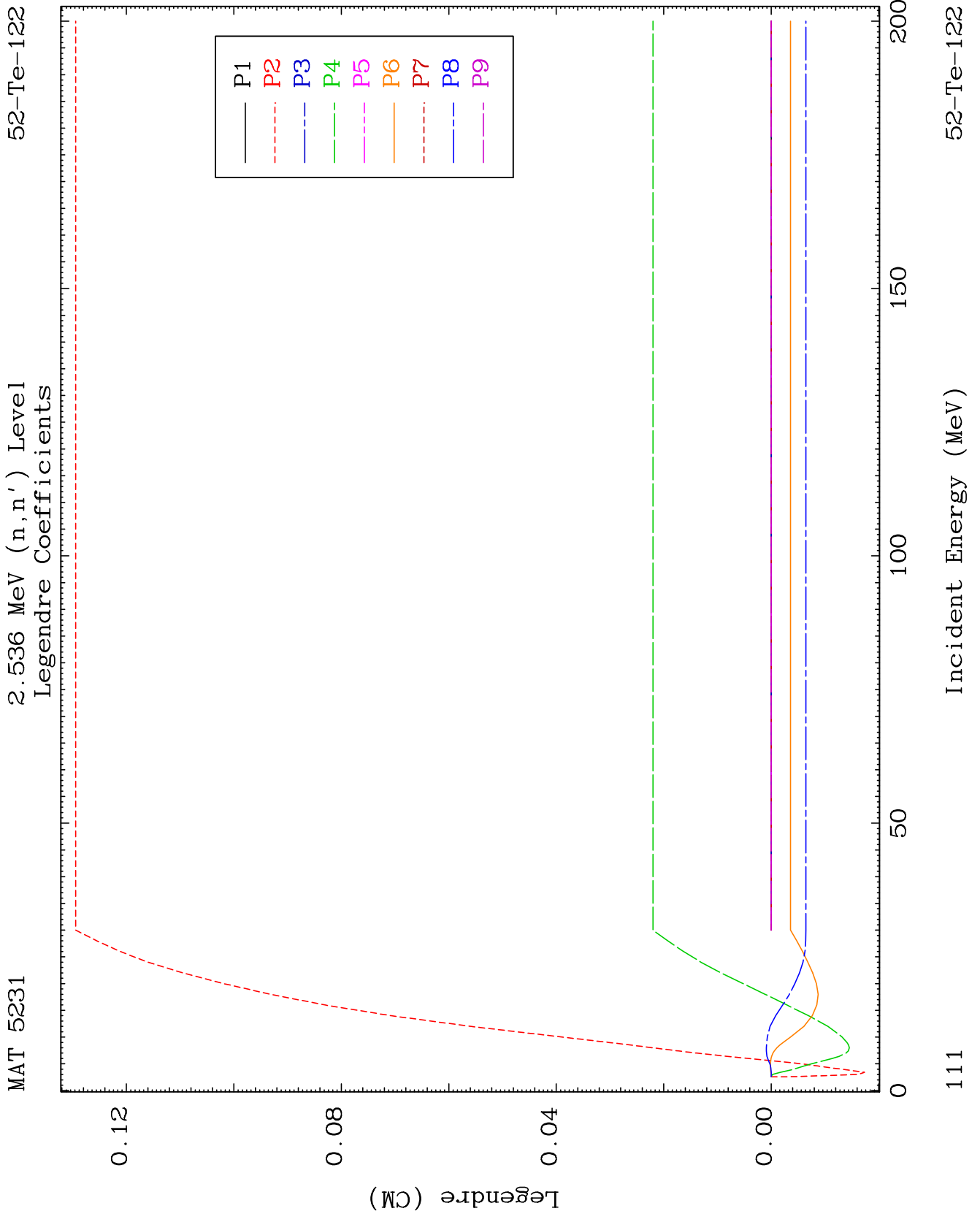


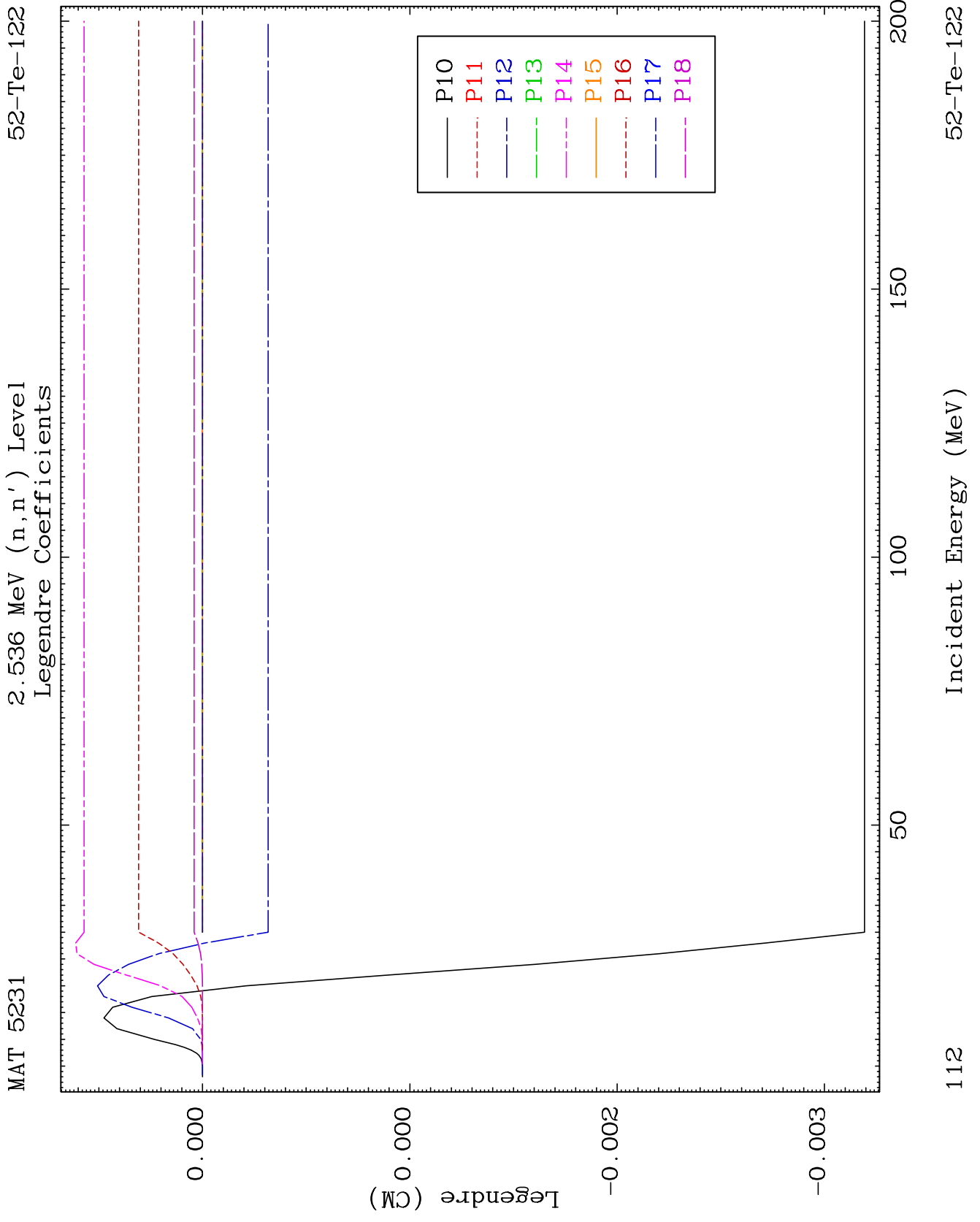


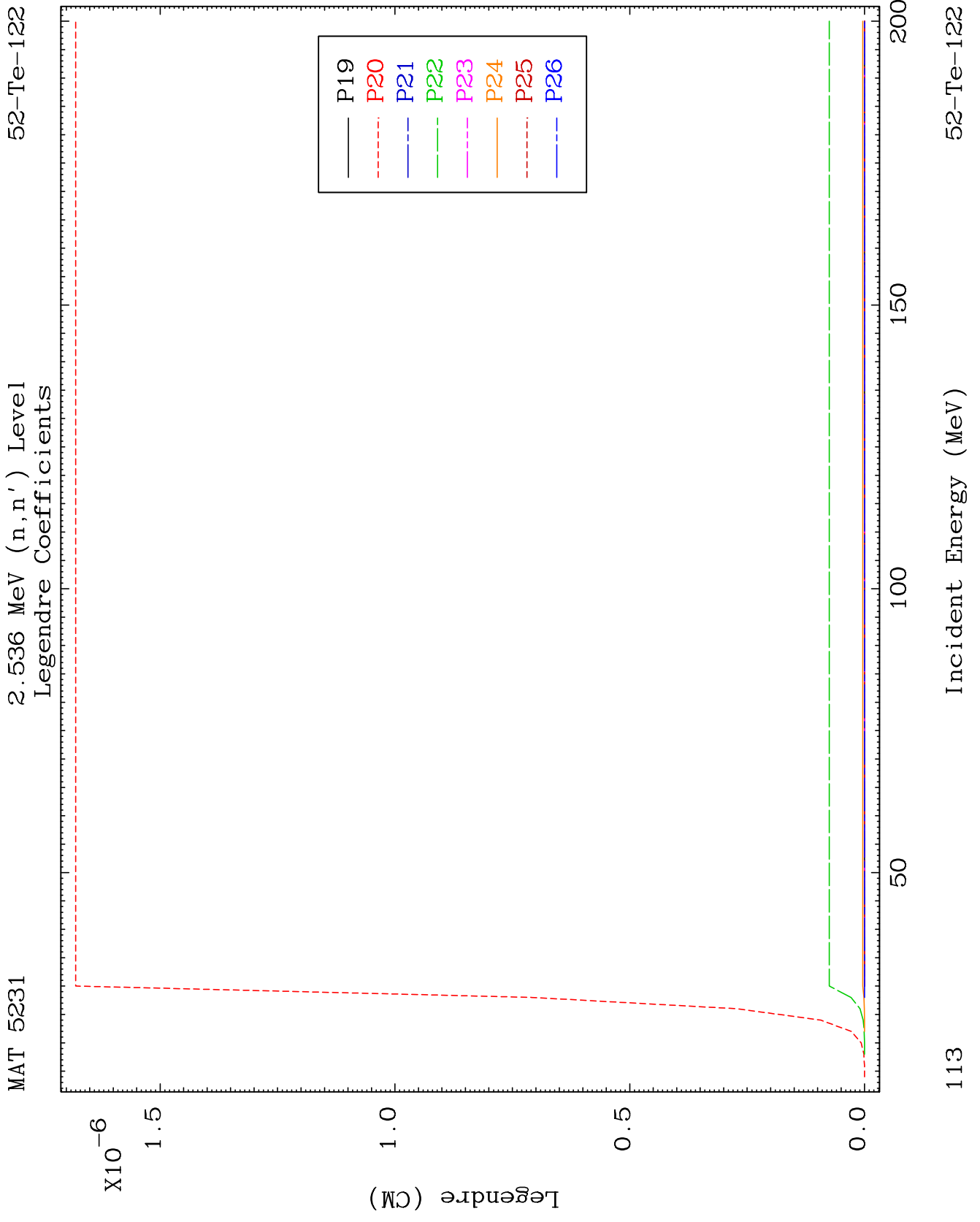


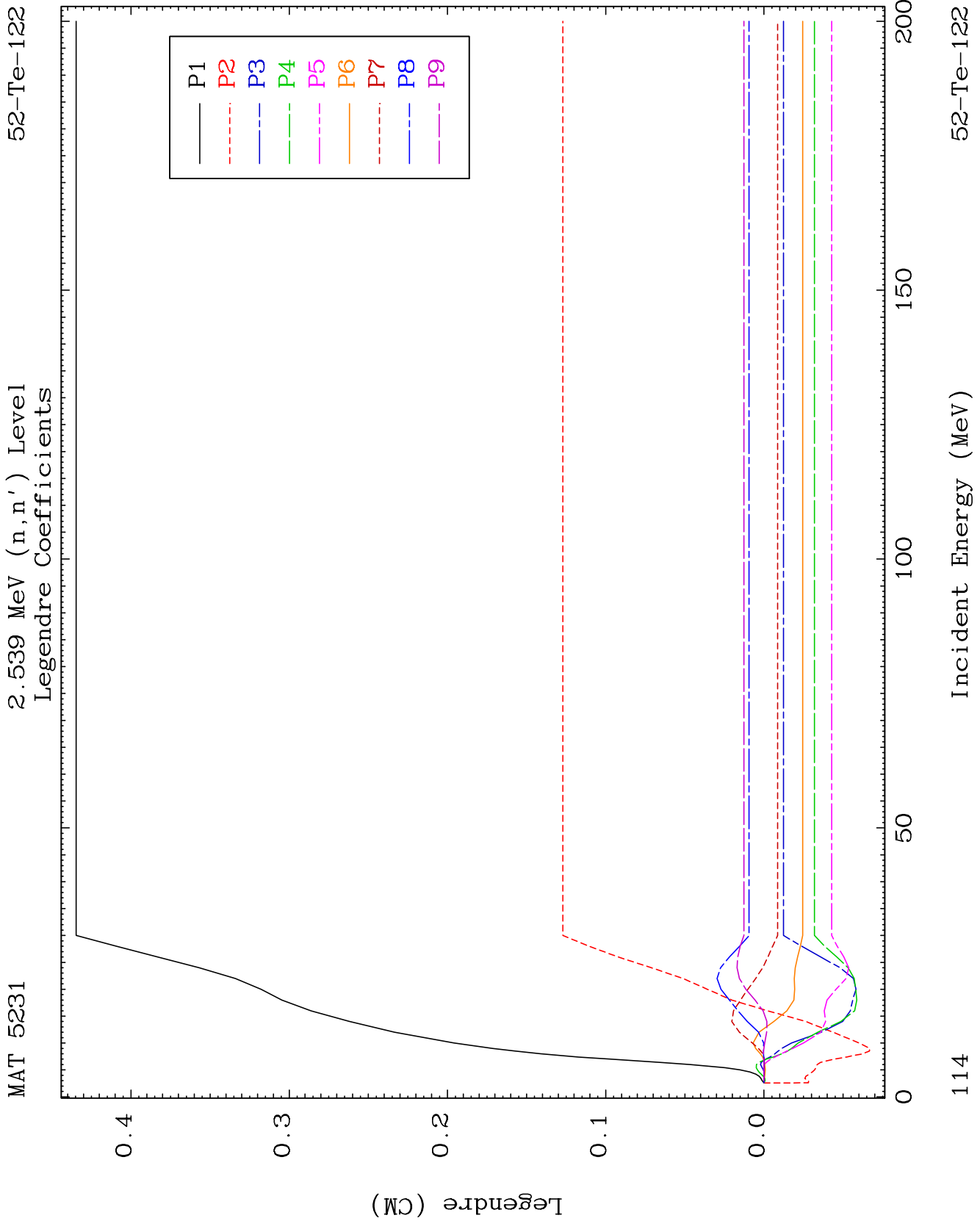








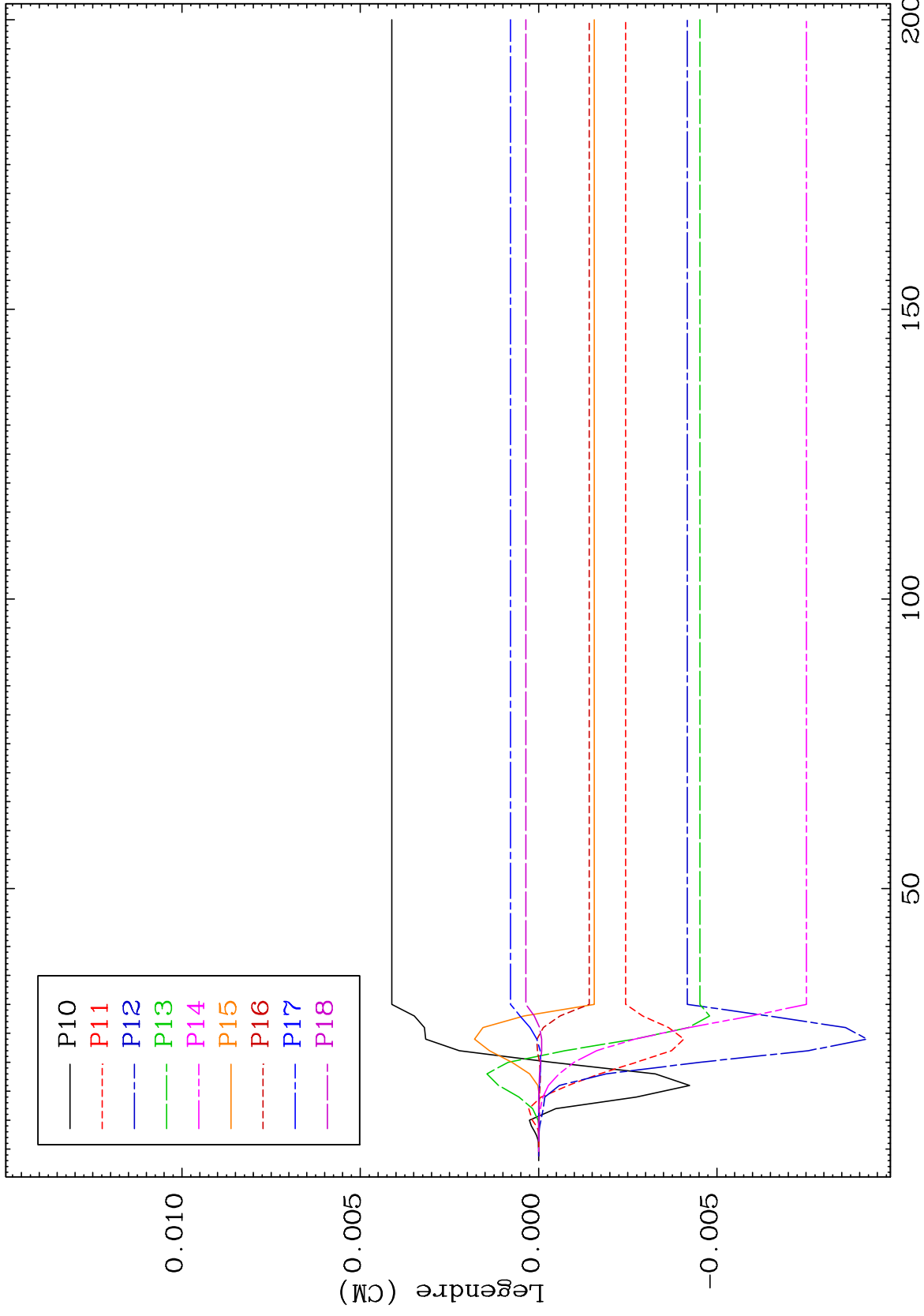




MAT 5231

2.539 MeV (n,n') Level
Legendre Coefficients

52-Te-122



115

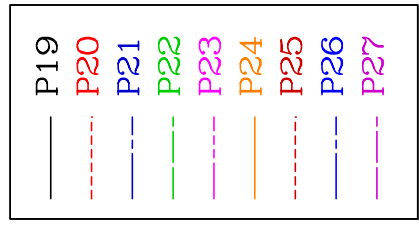
Incident Energy (MeV)

52-Te-122

MAT 5231

2.539 MeV (n, n') Level
Legendre Coefficients

52-Te-122



$\times 10^{-4}$

1.0

0.5

0.0

-0.5

-1.0

Legendre (CM)

50

100

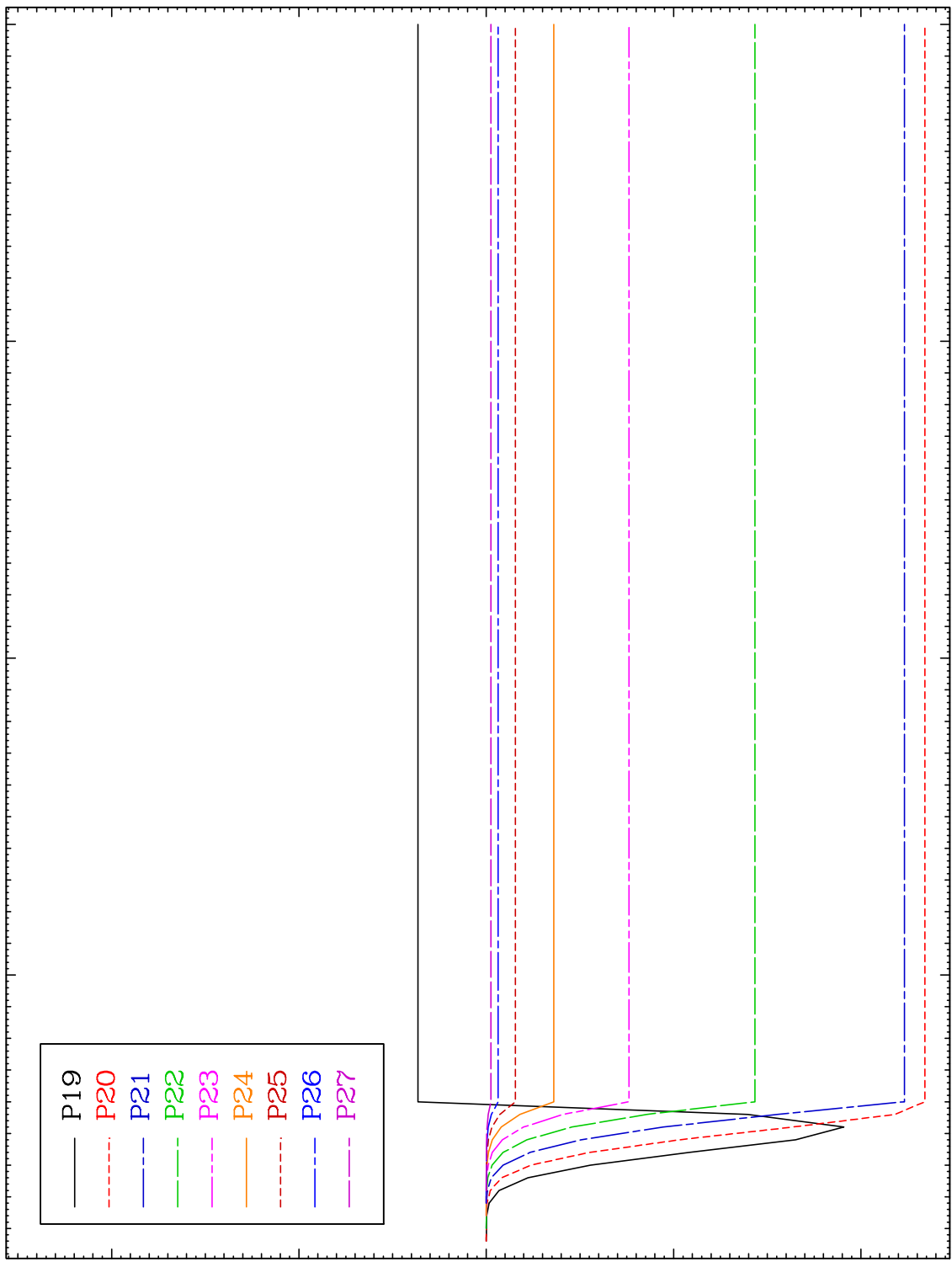
150

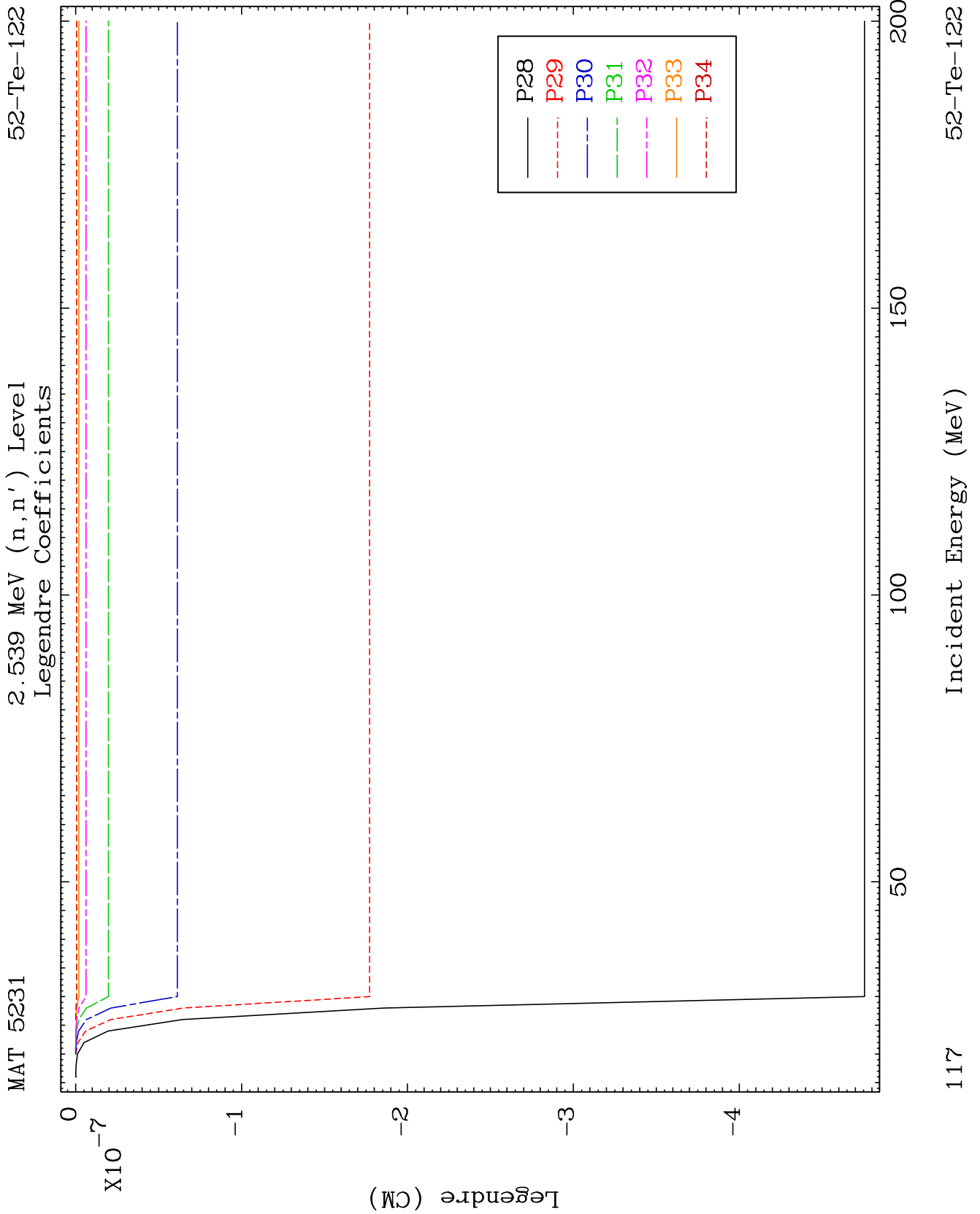
200

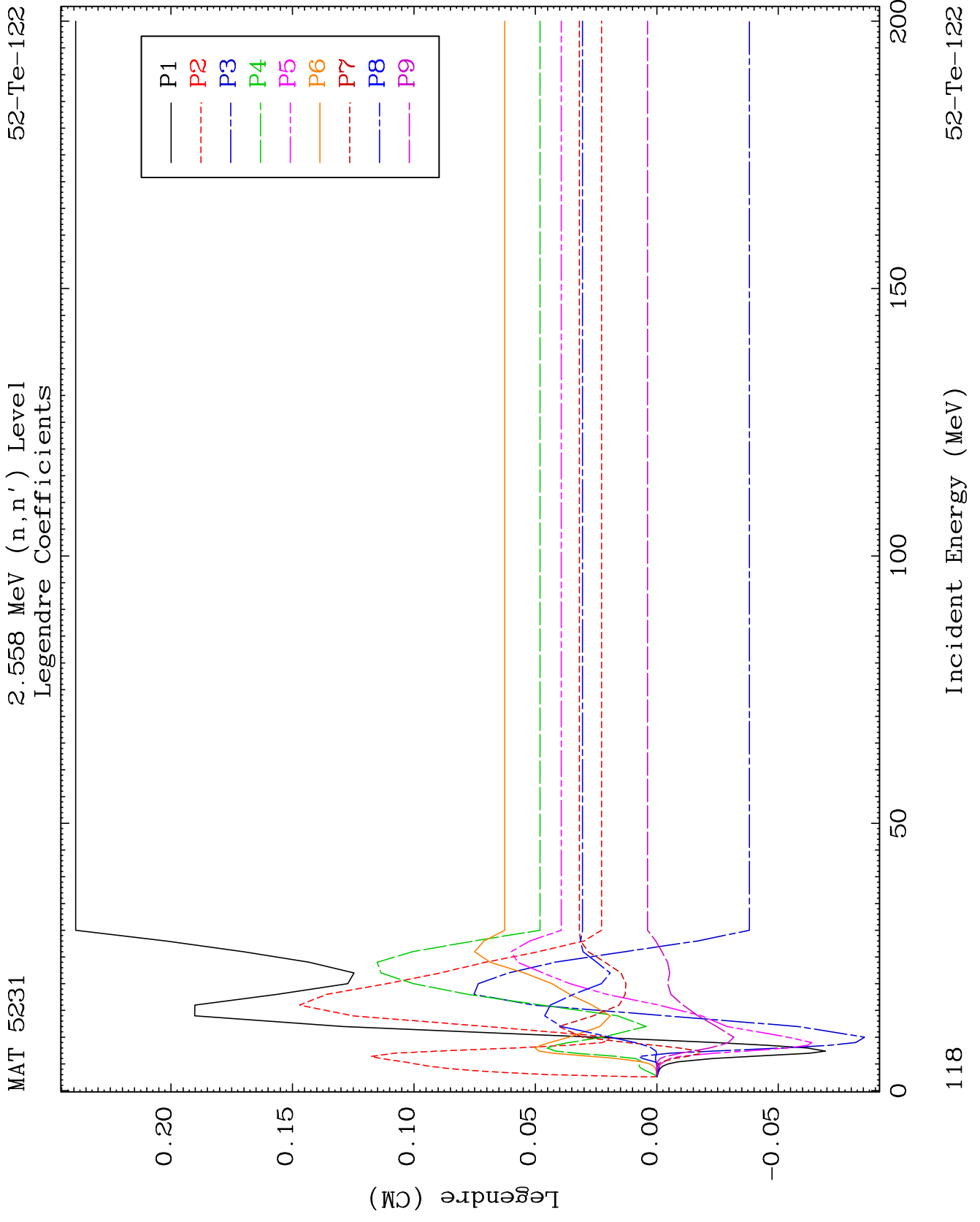
116

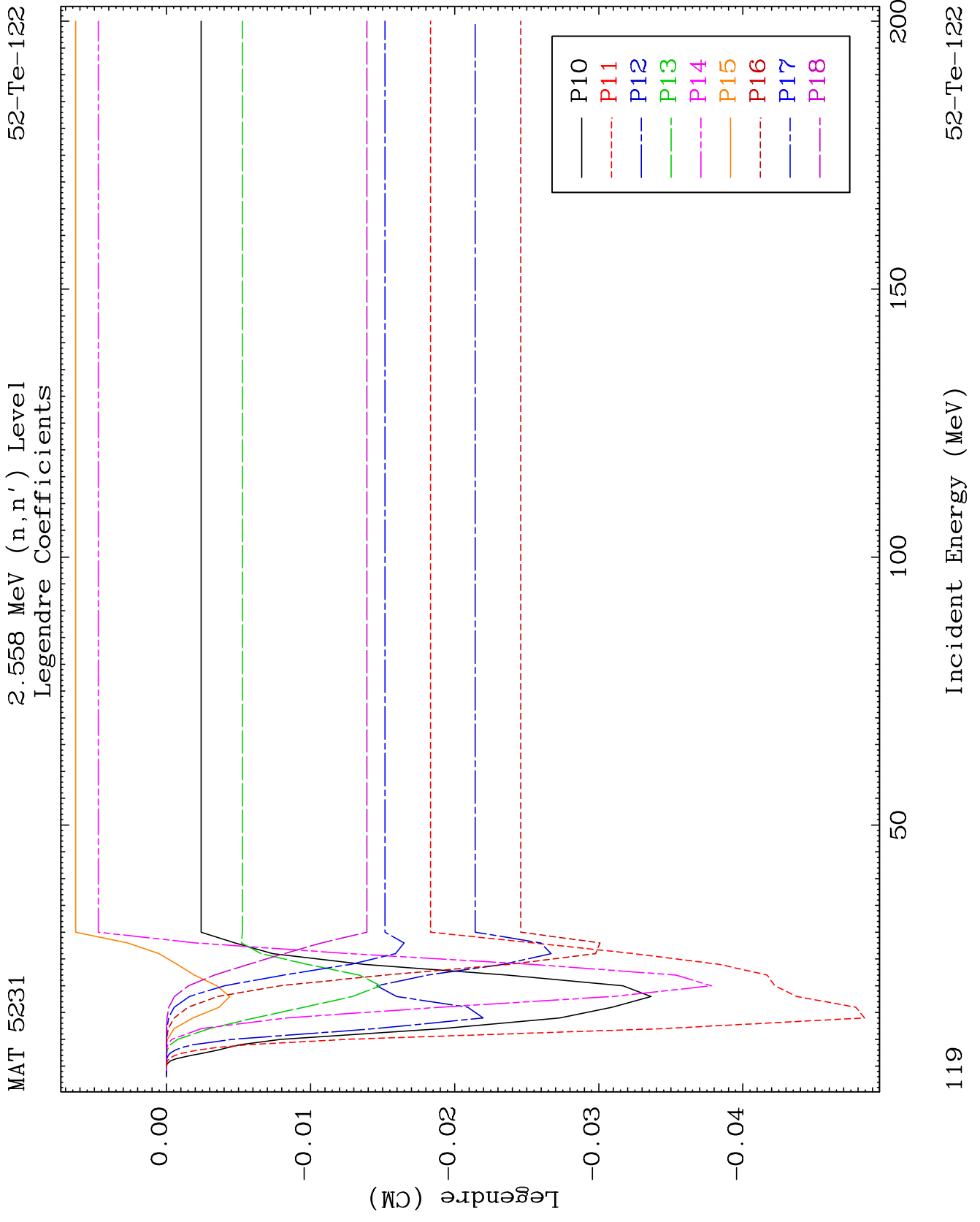
Incident Energy (MeV)

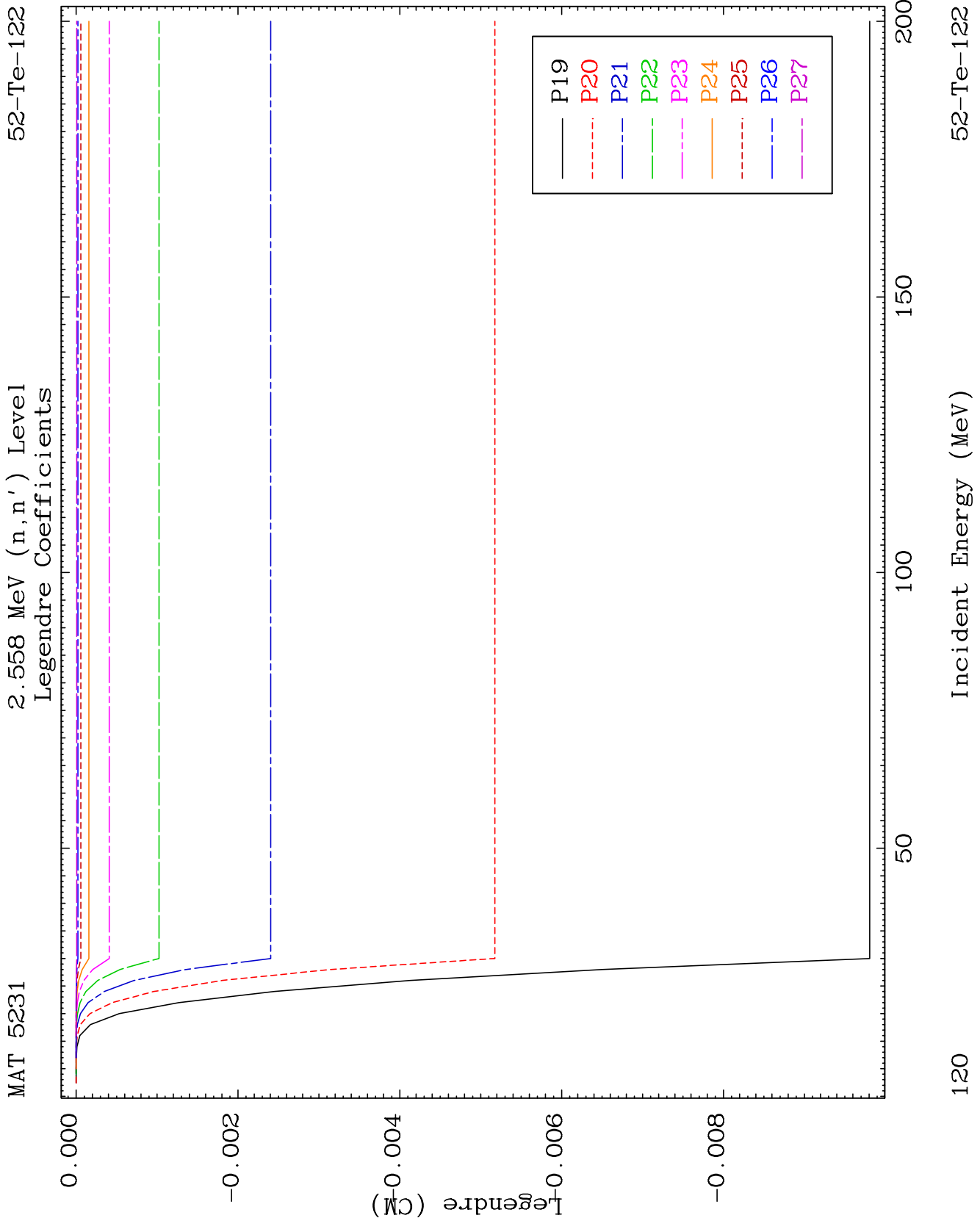
52-Te-122

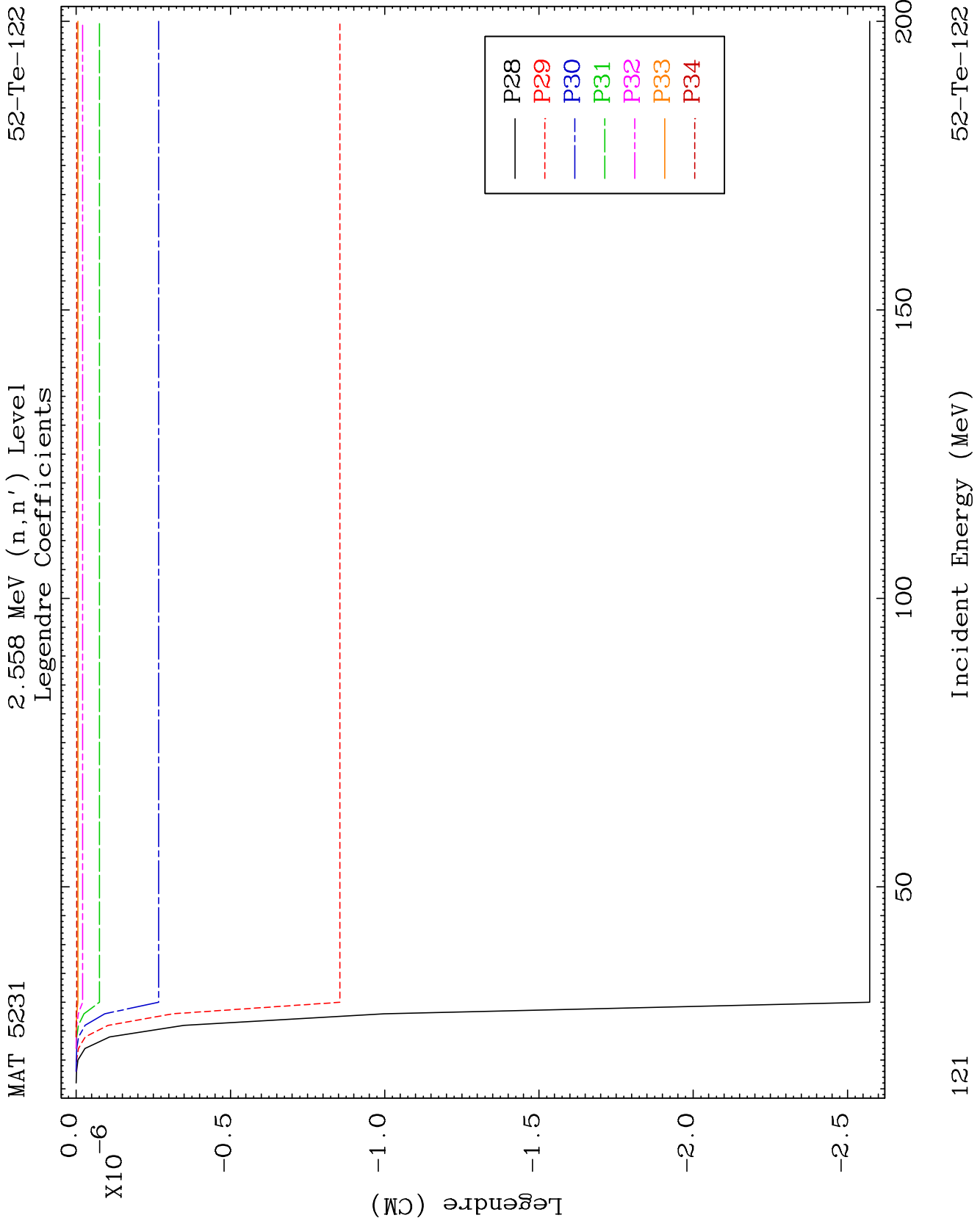


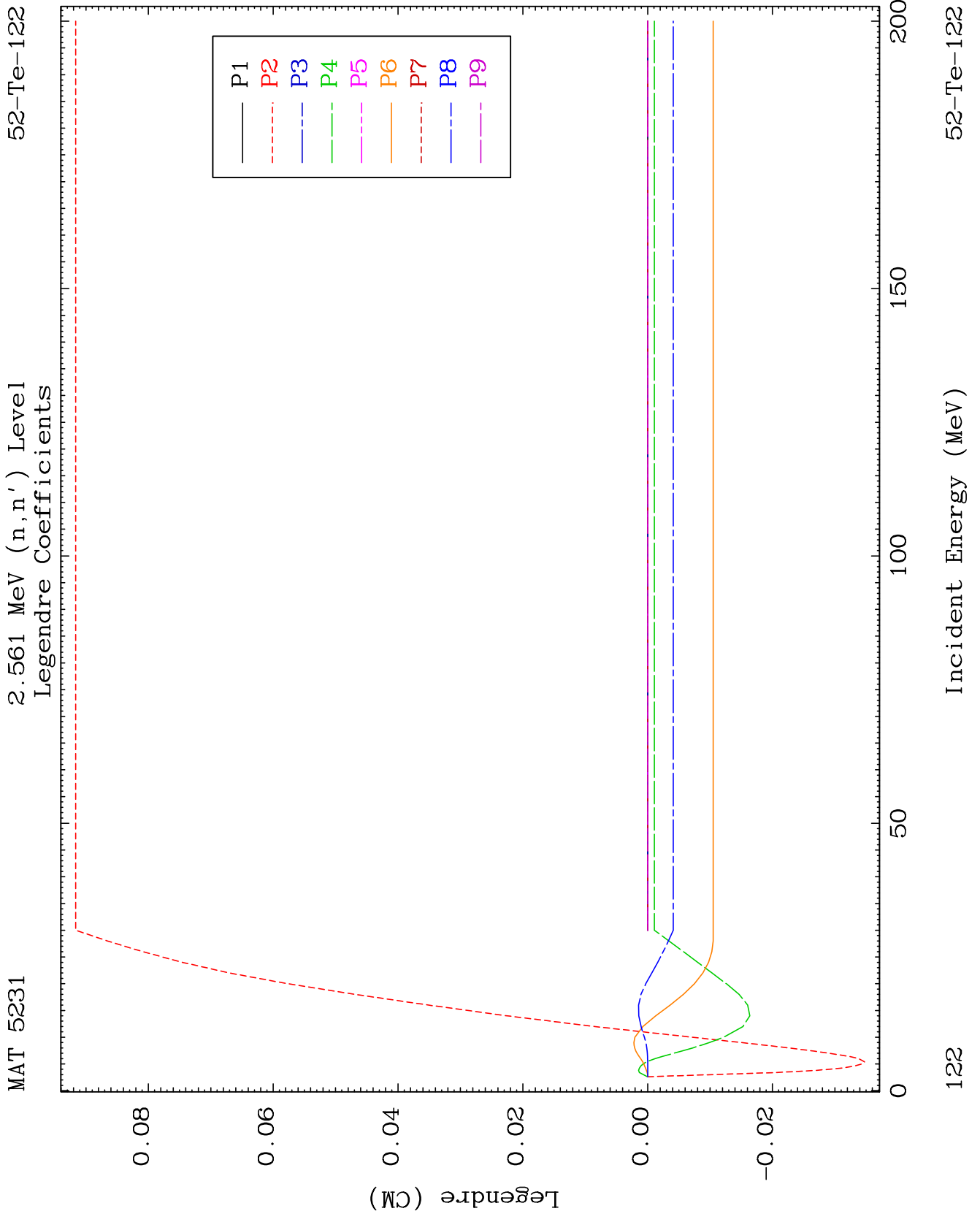


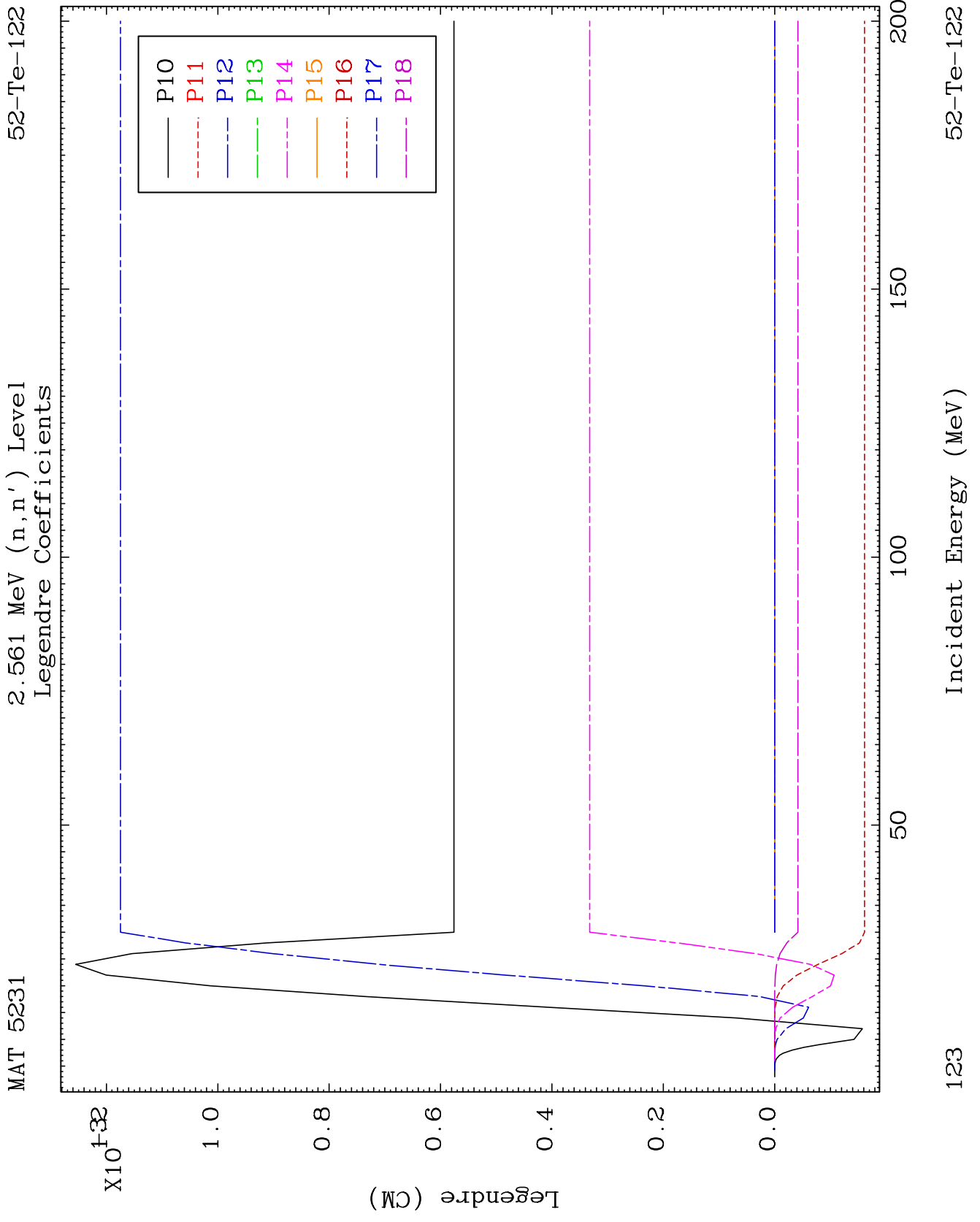


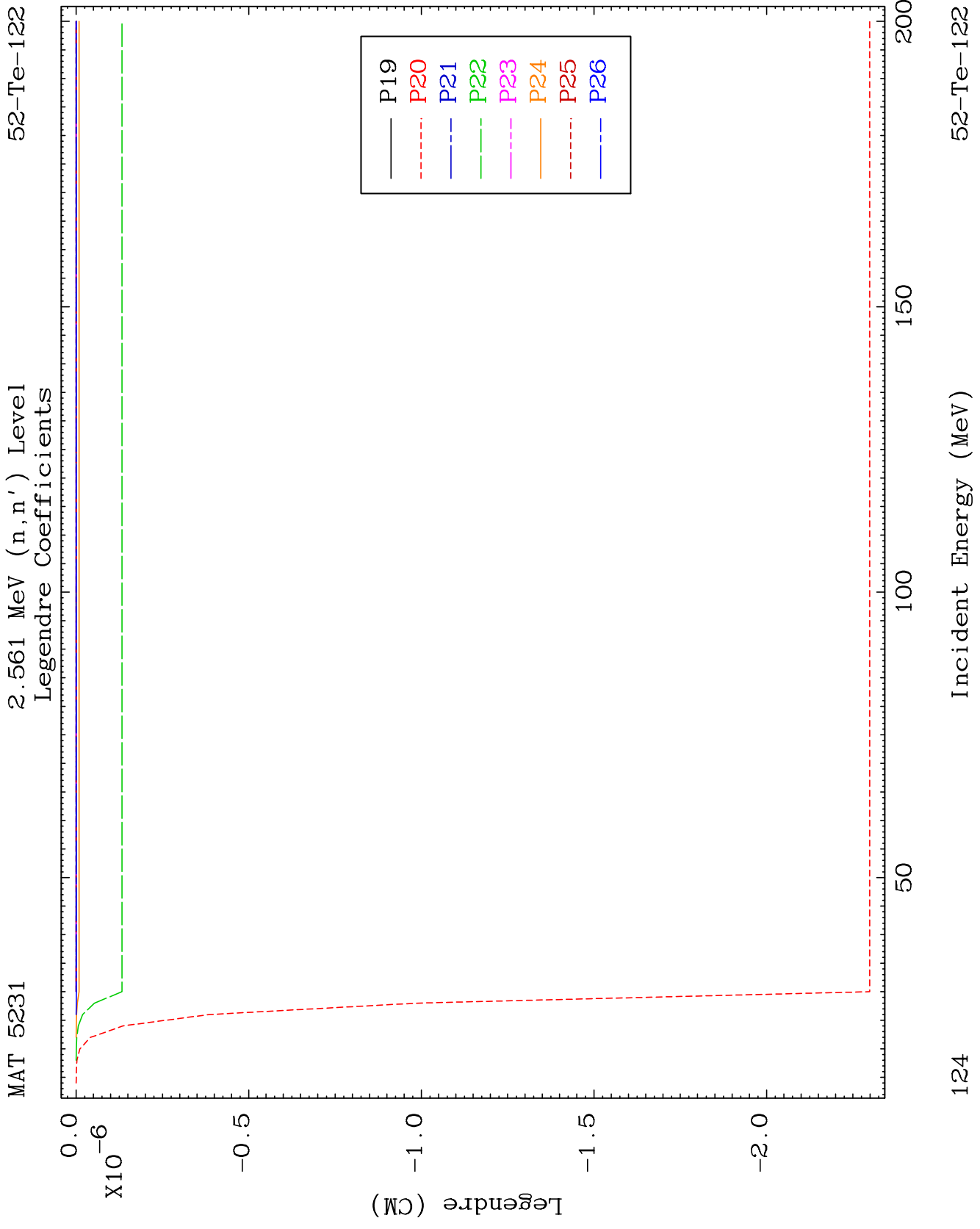


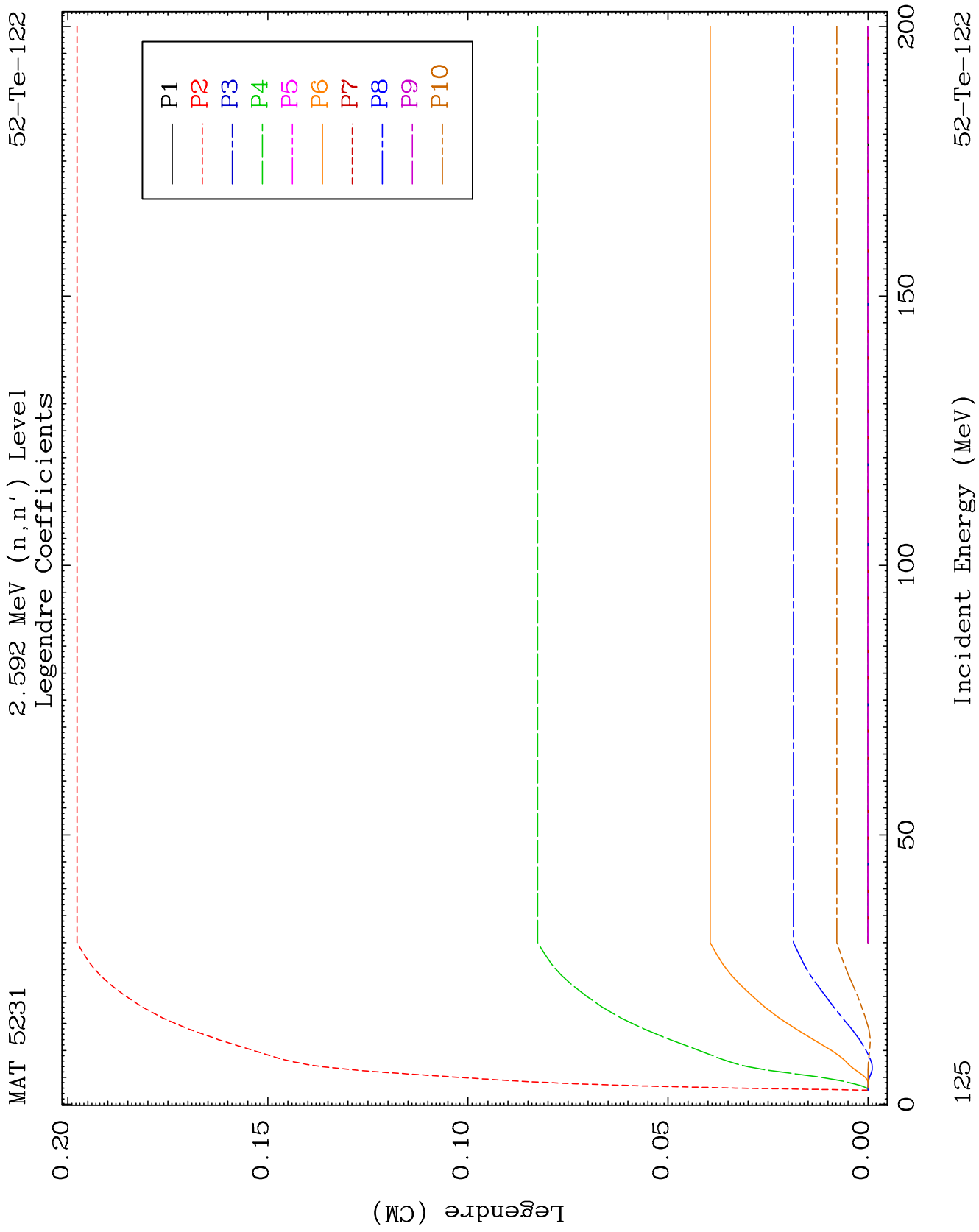


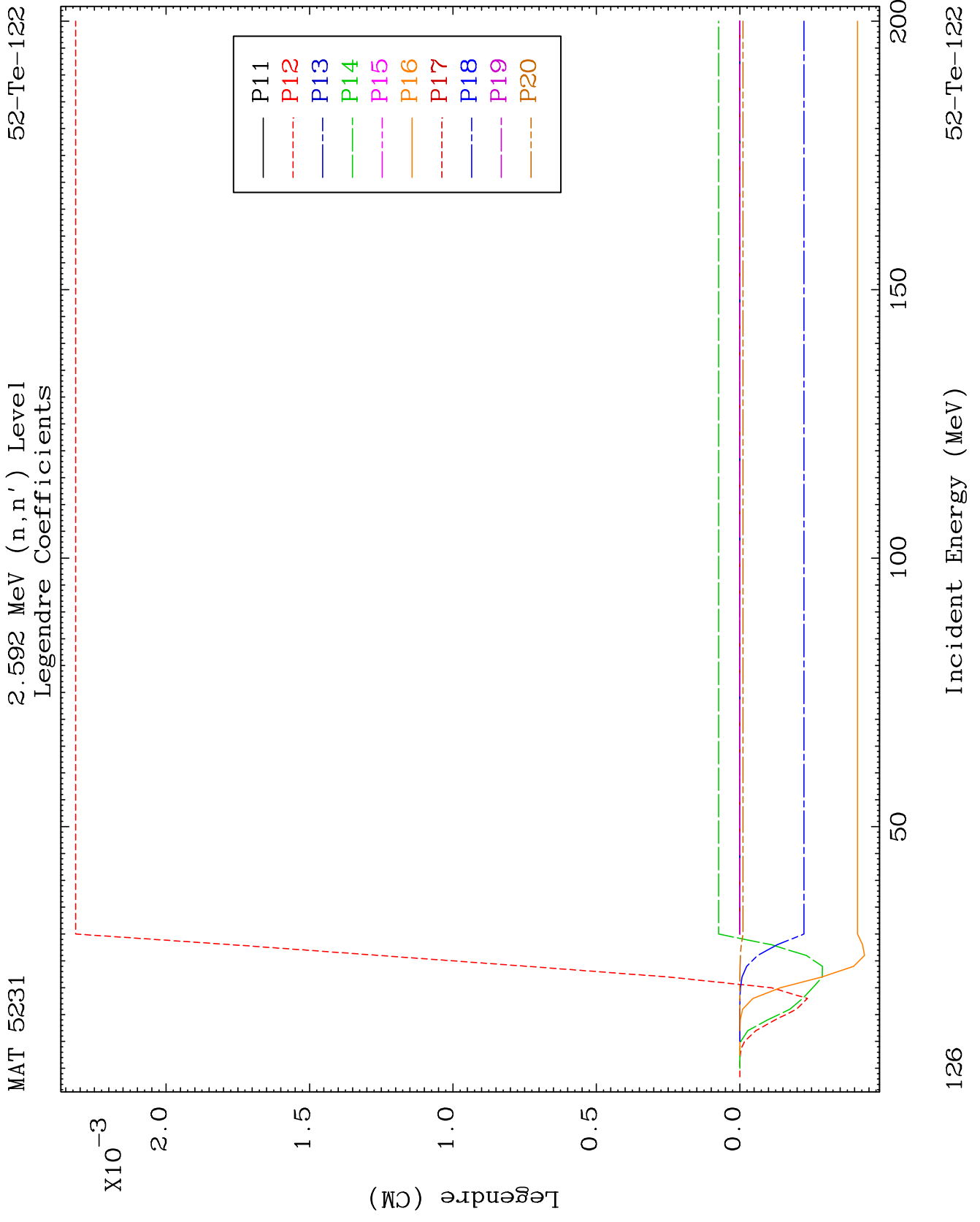


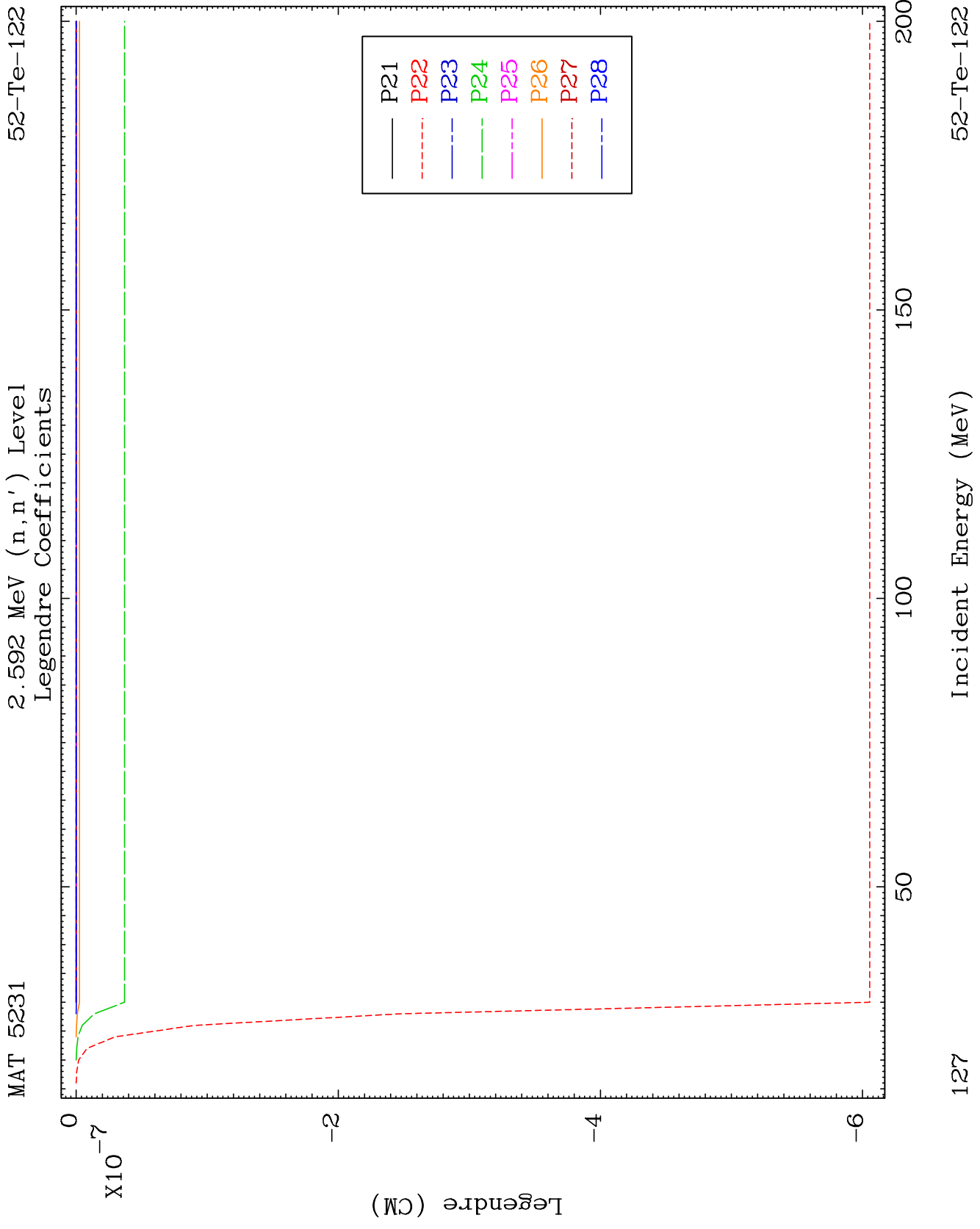


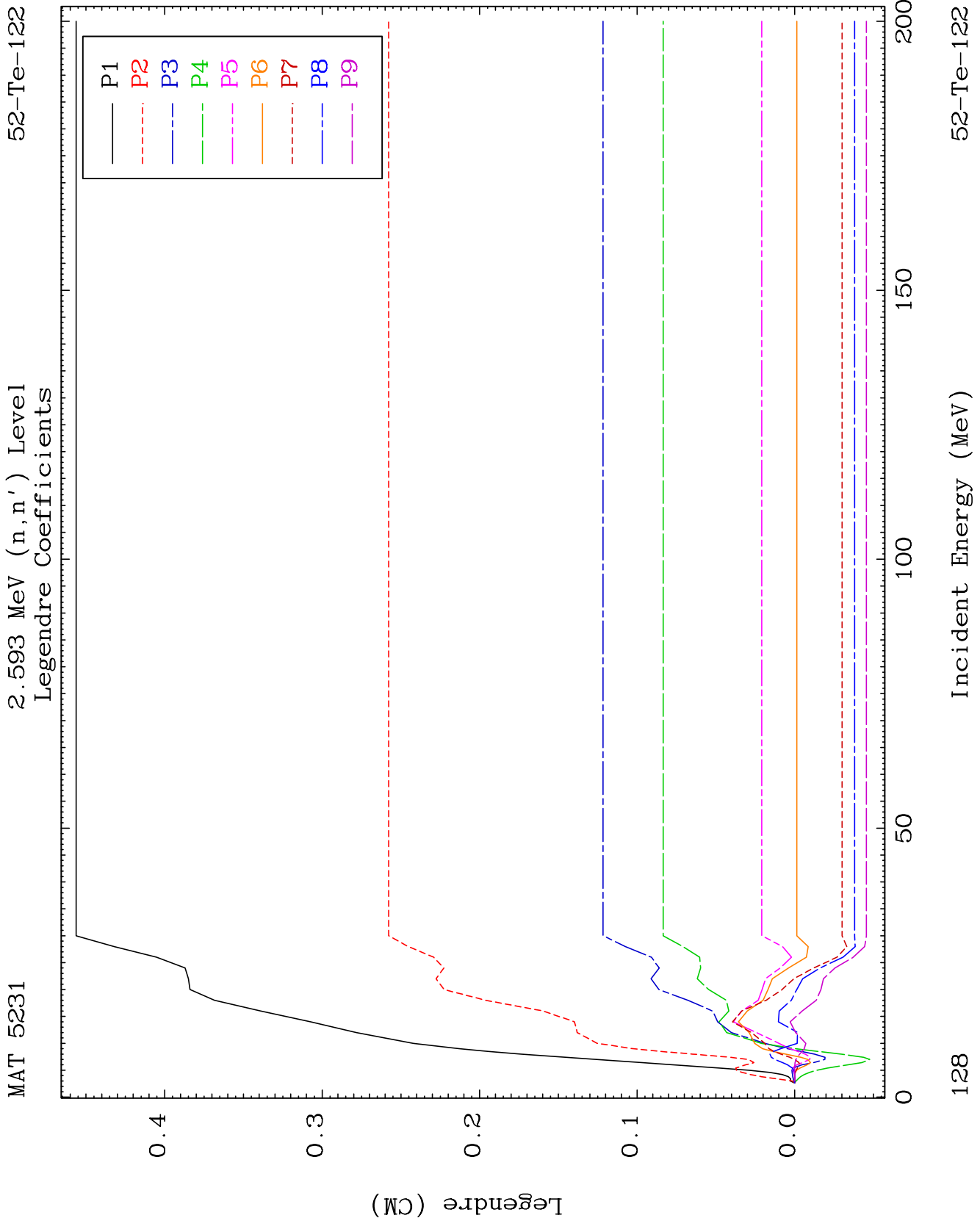








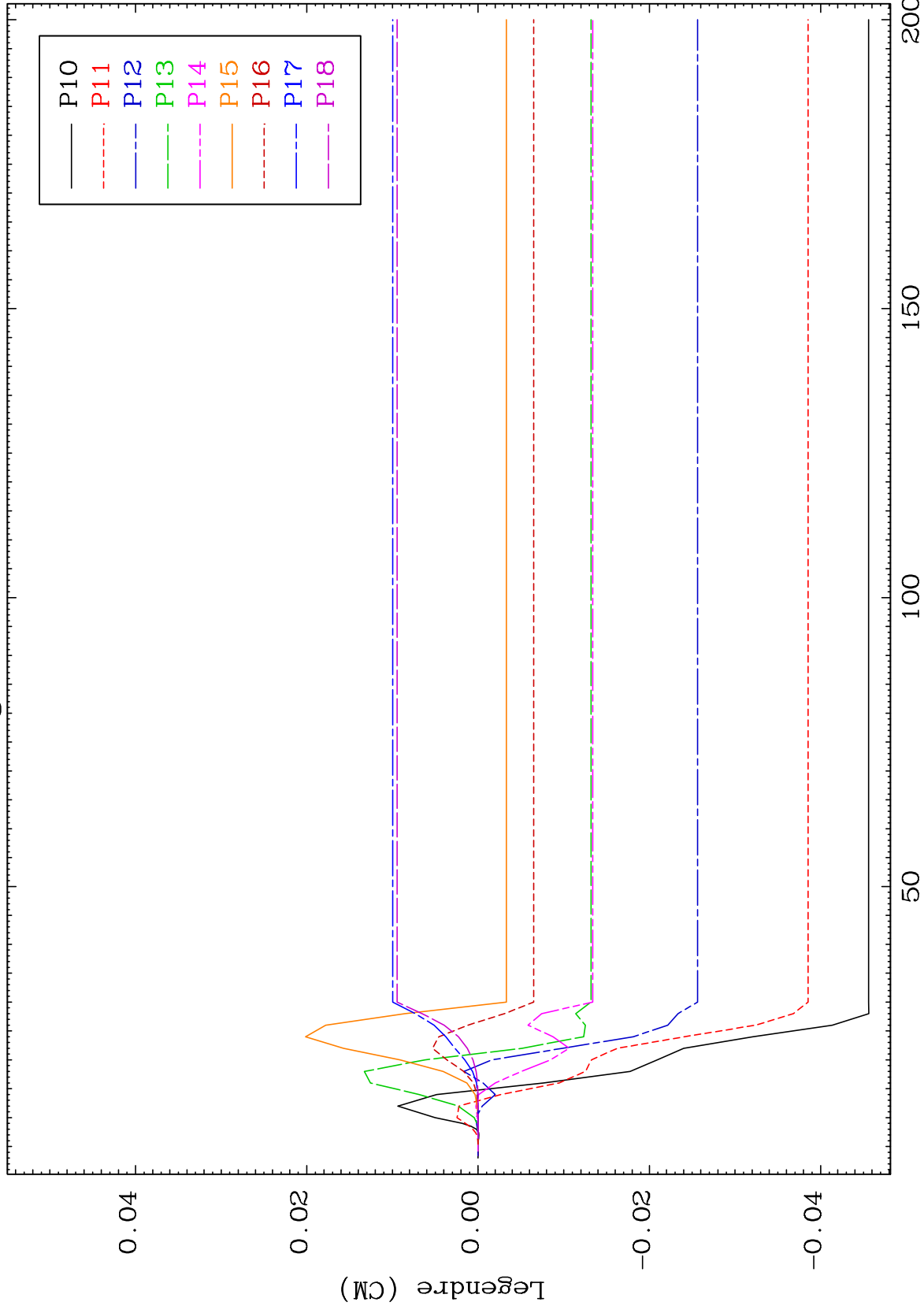




MAT 5231

2.593 MeV (n,n') Level
Legendre Coefficients

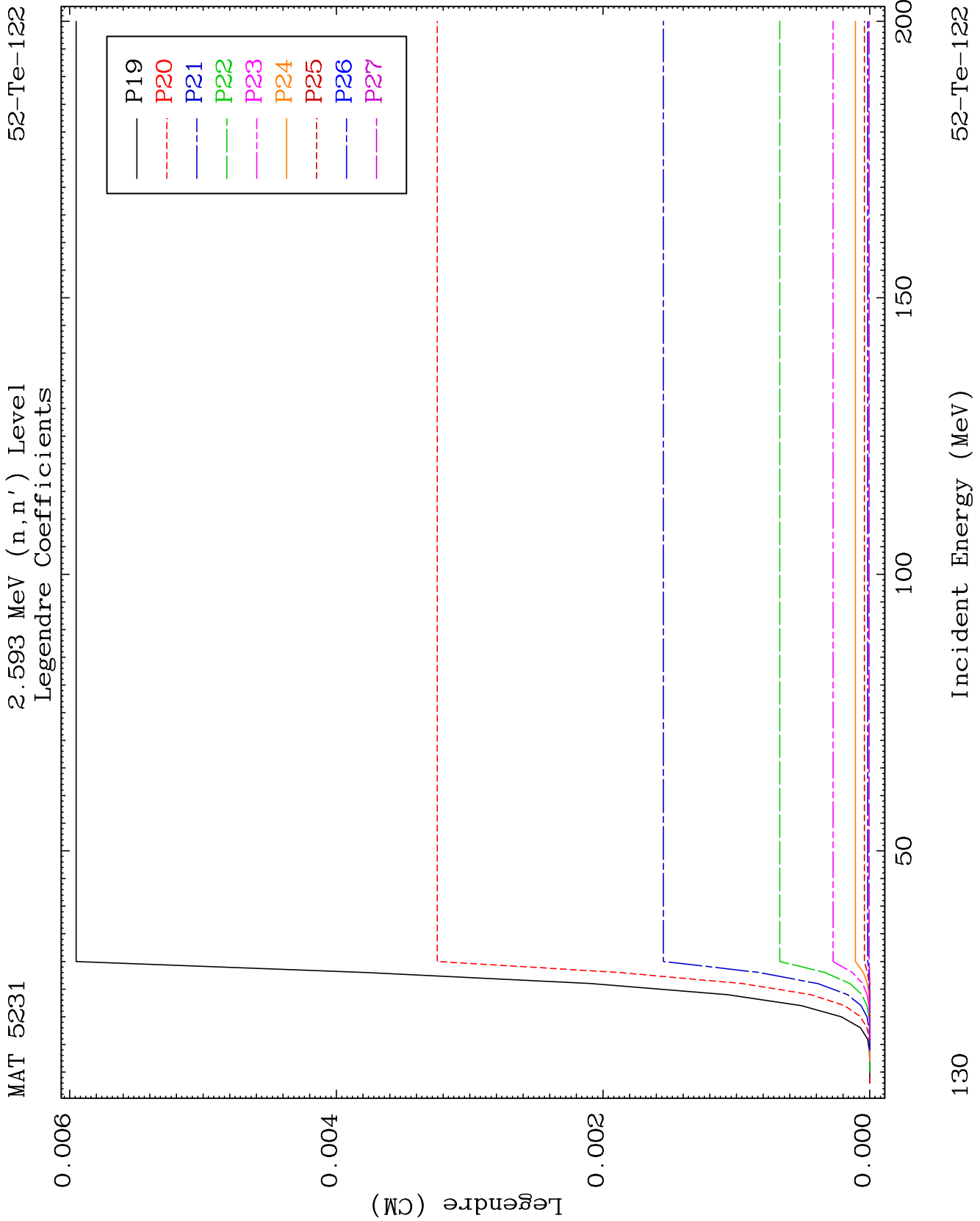
52-Te-122

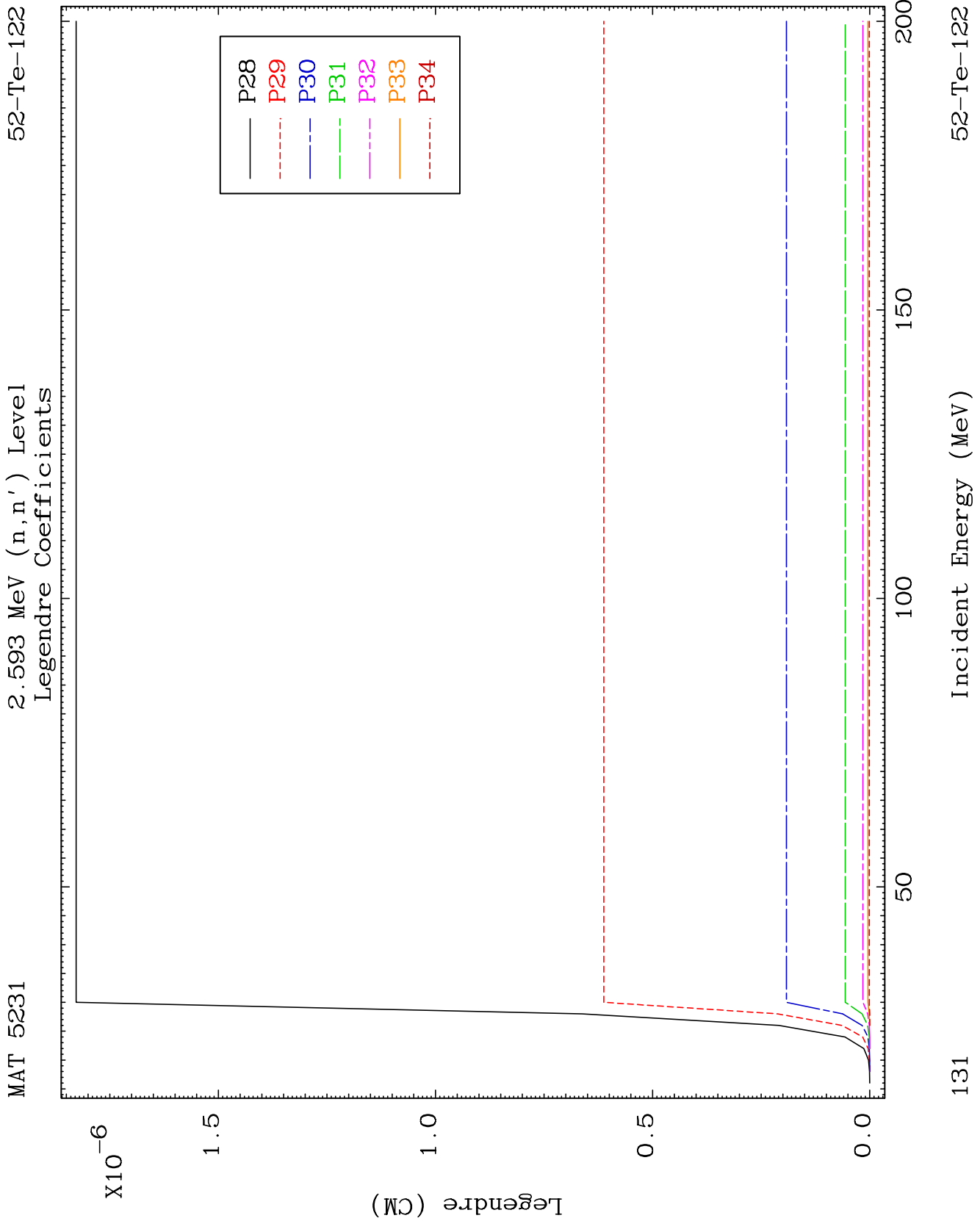


129

Incident Energy (MeV)

52-Te-122



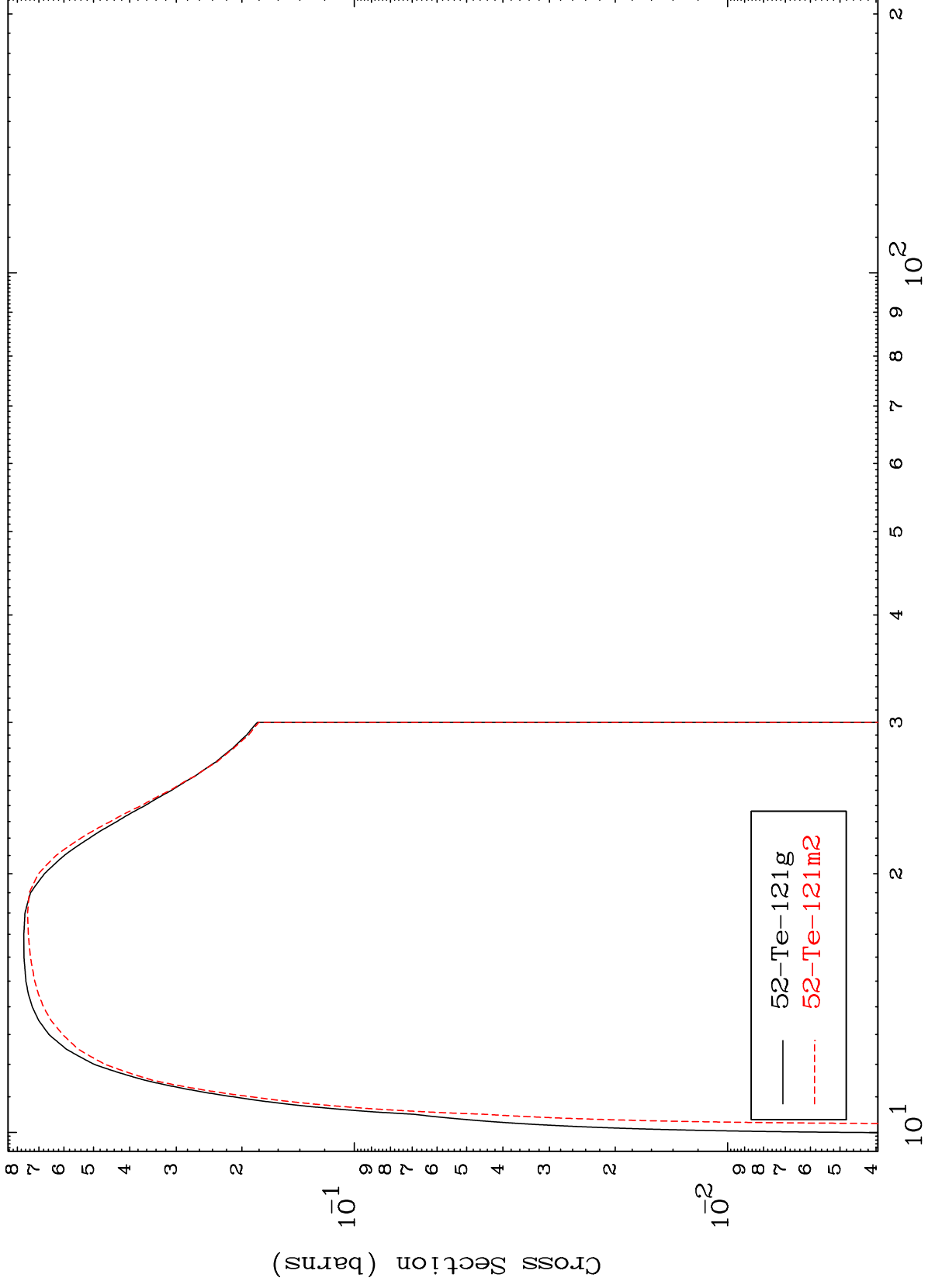


MAT 5231

(n,2n)

52-Te-122

Radionuclide Production Cross Section



52-Te-122

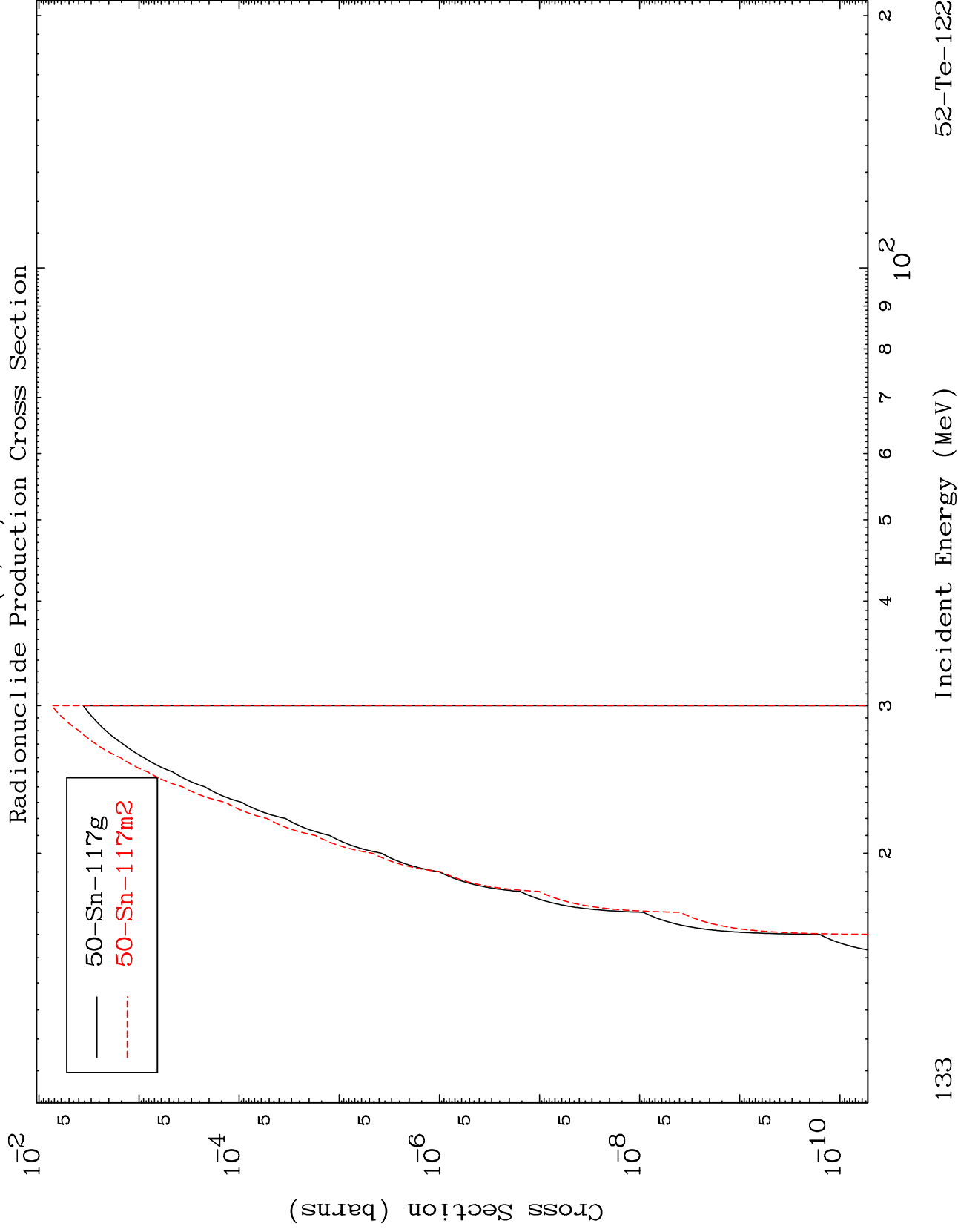
Incident Energy (MeV)

132

MAT 5231

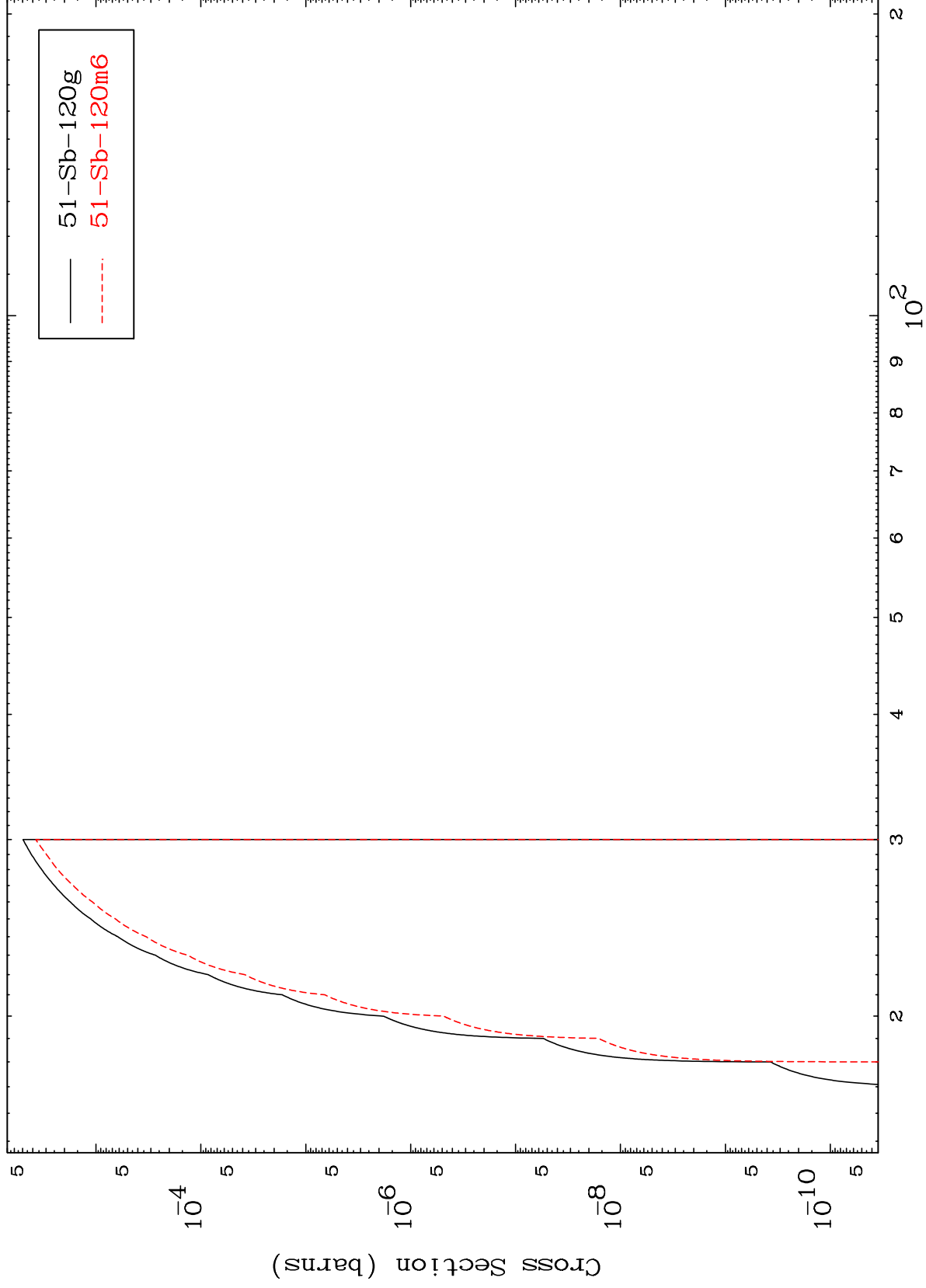
(n,2n) α

52-Te-122

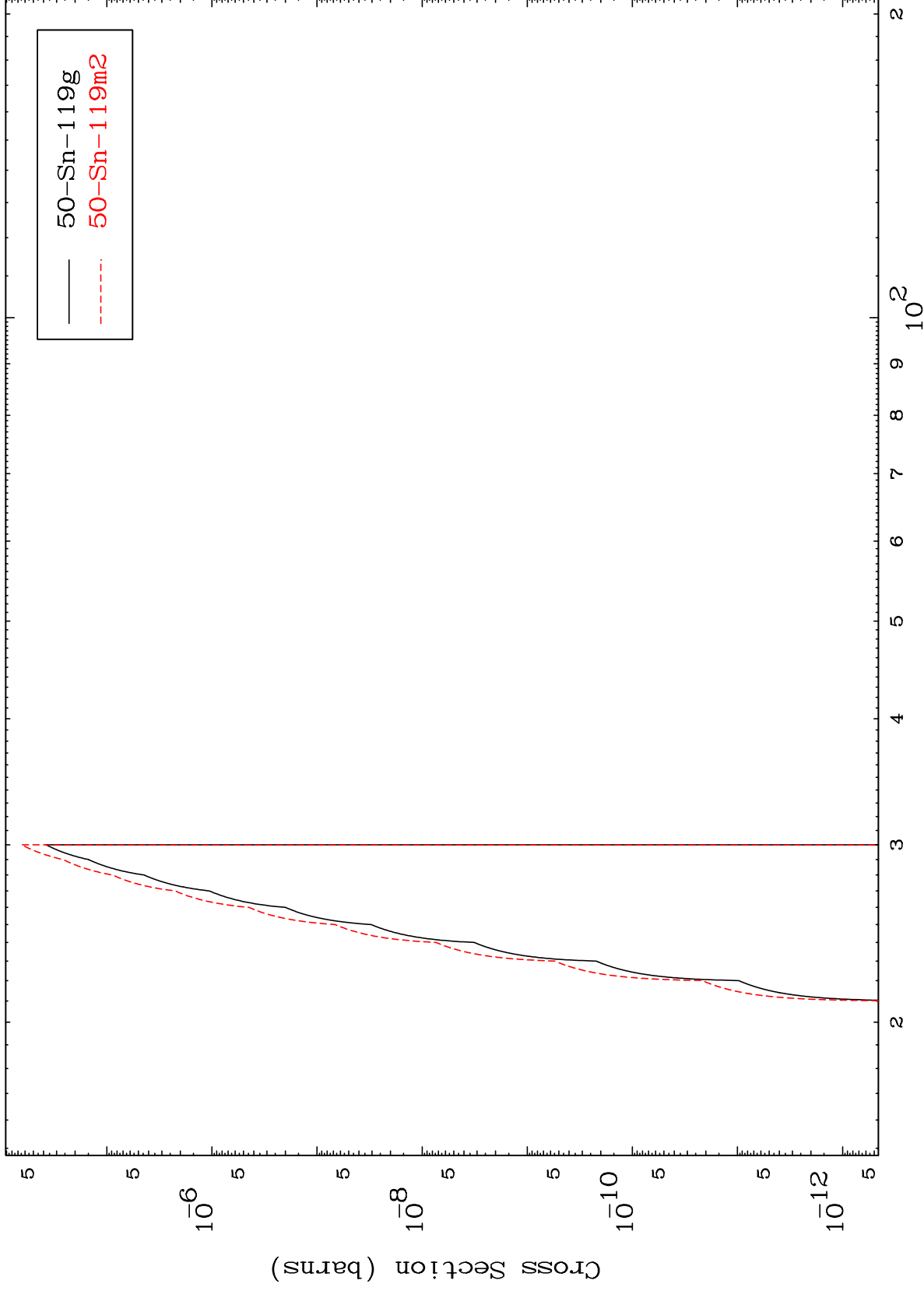


133

Radionuclide Production Cross Section



Radionuclide Production Cross Section

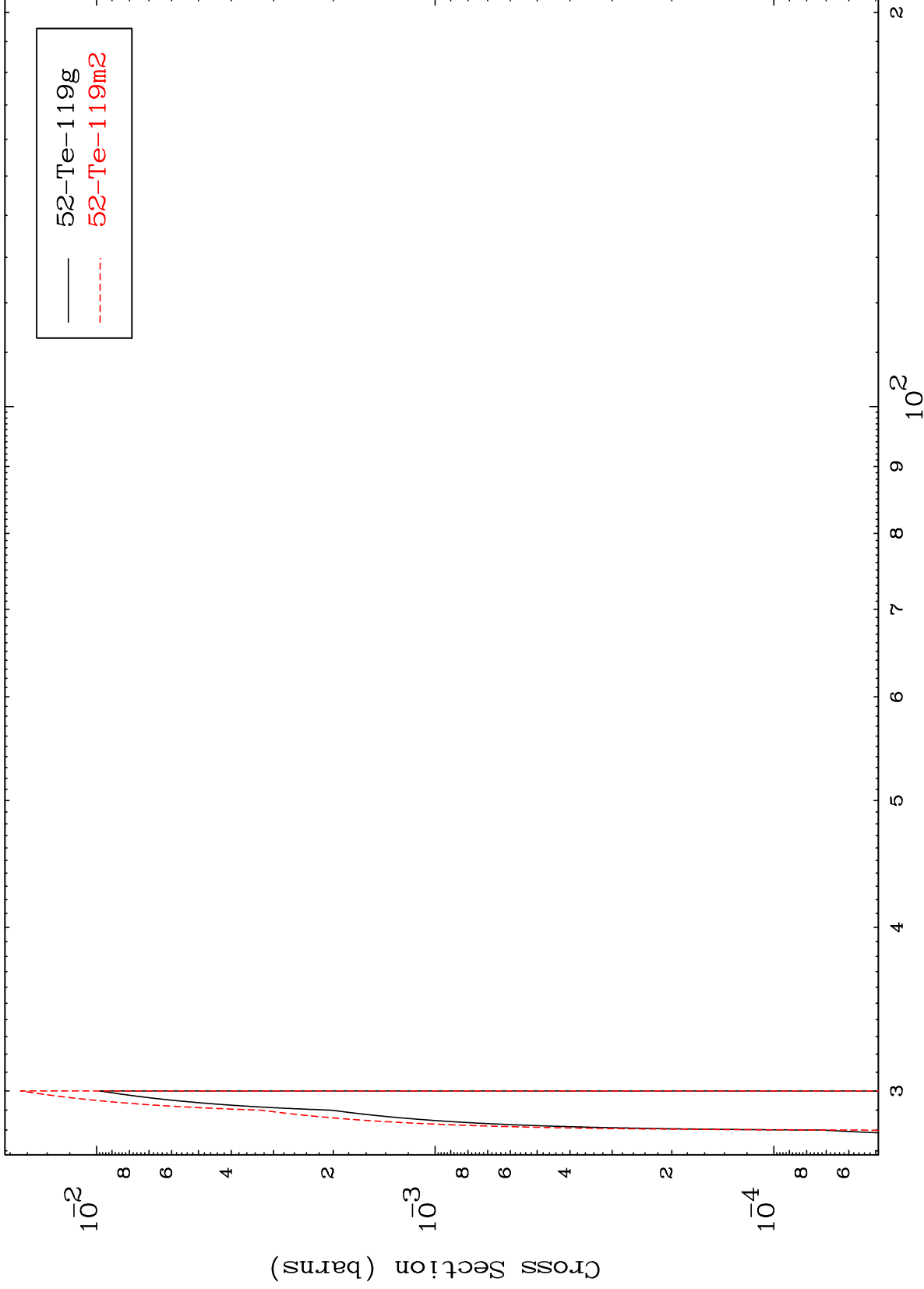


MAT 5231

(n,4n)

52-Te-122

Radionuclide Production Cross Section

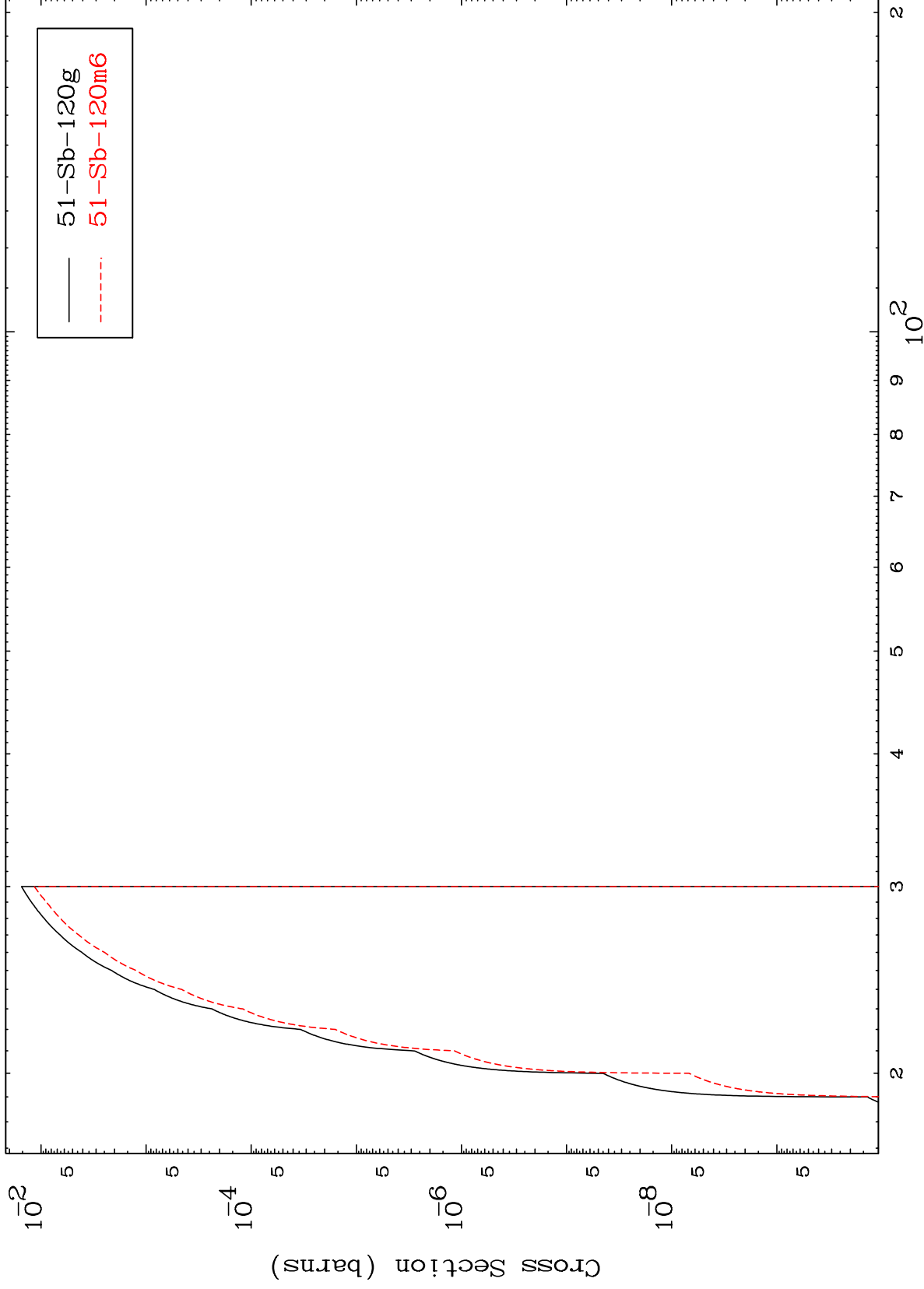


136

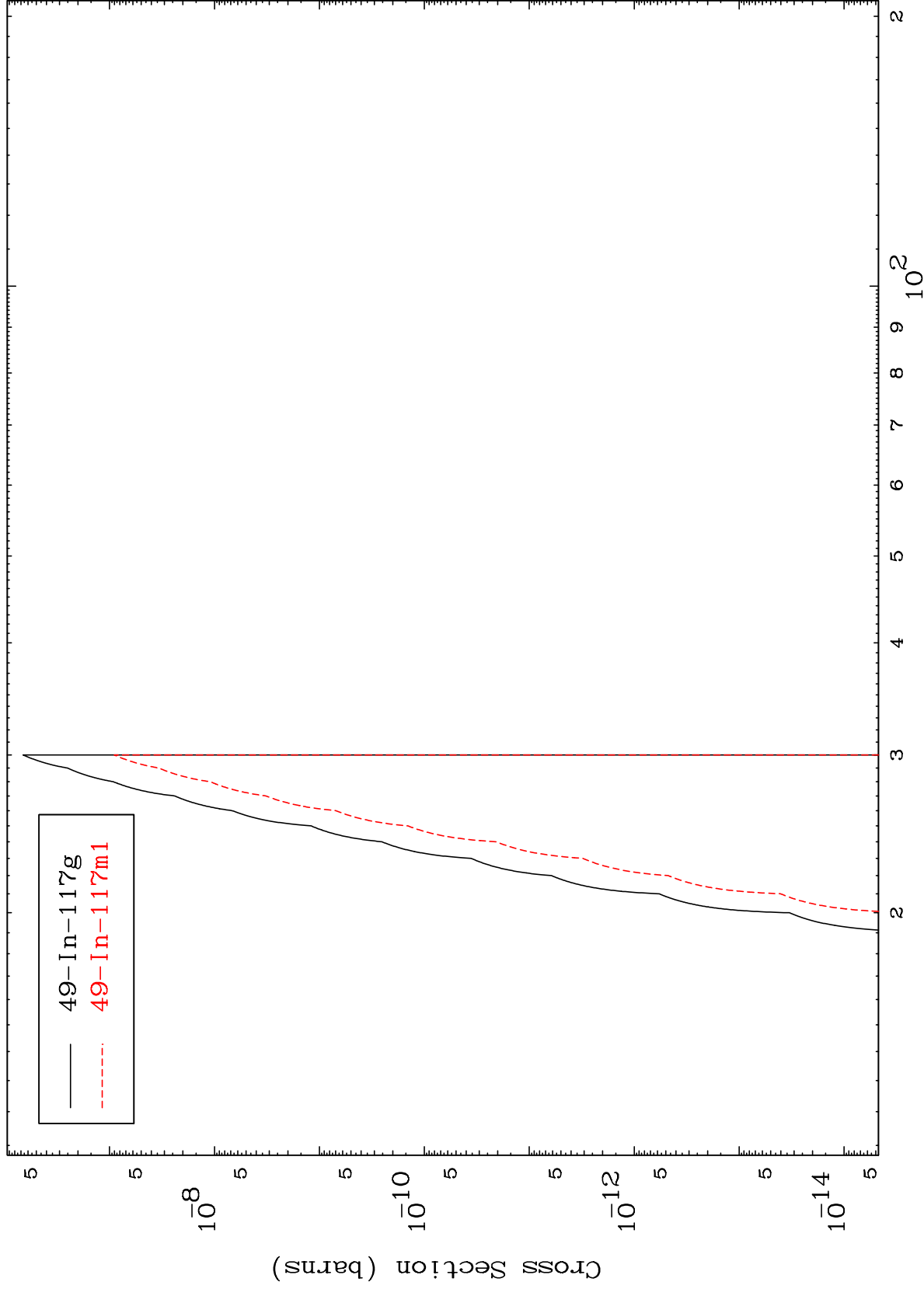
Incident Energy (MeV)

52-Te-122

(n,2n) p
Radionuclide Production Cross Section



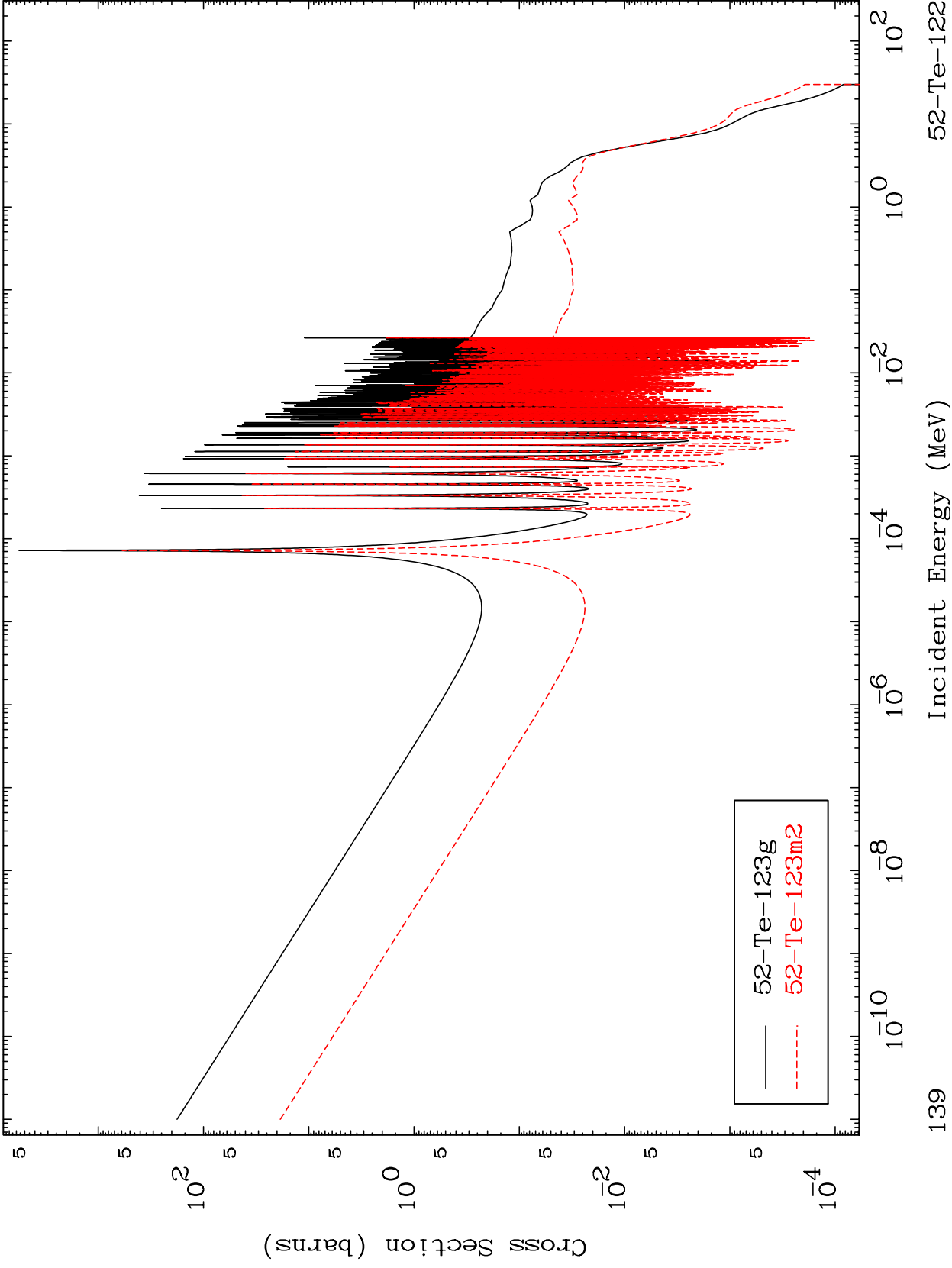
Radionuclide Production Cross Section



MAT 5231

52-Te-122

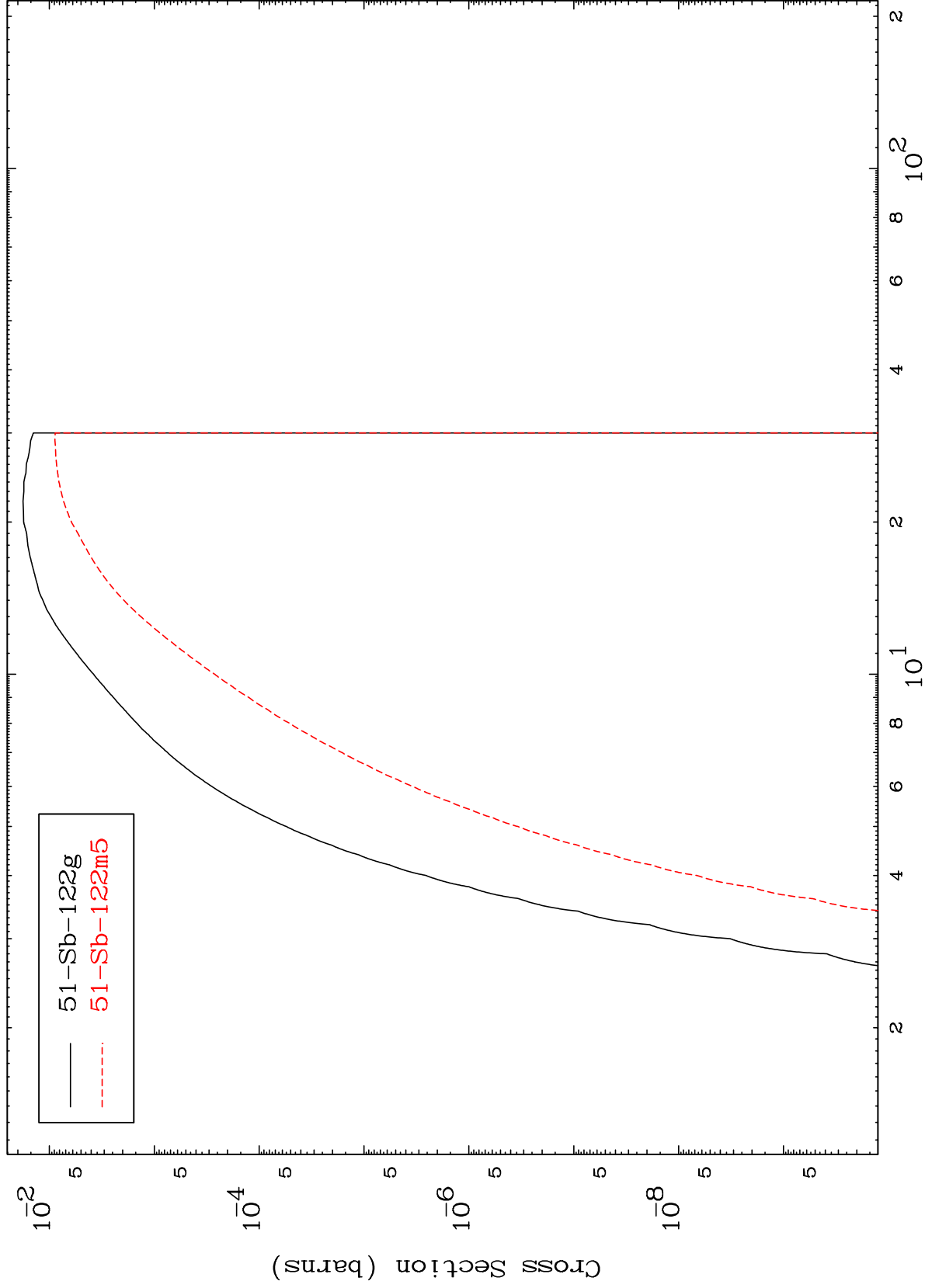
(n, γ)
Radionuclide Production Cross Section



MAT 5231

52-Te-122

(n,p)
Radionuclide Production Cross Section



140

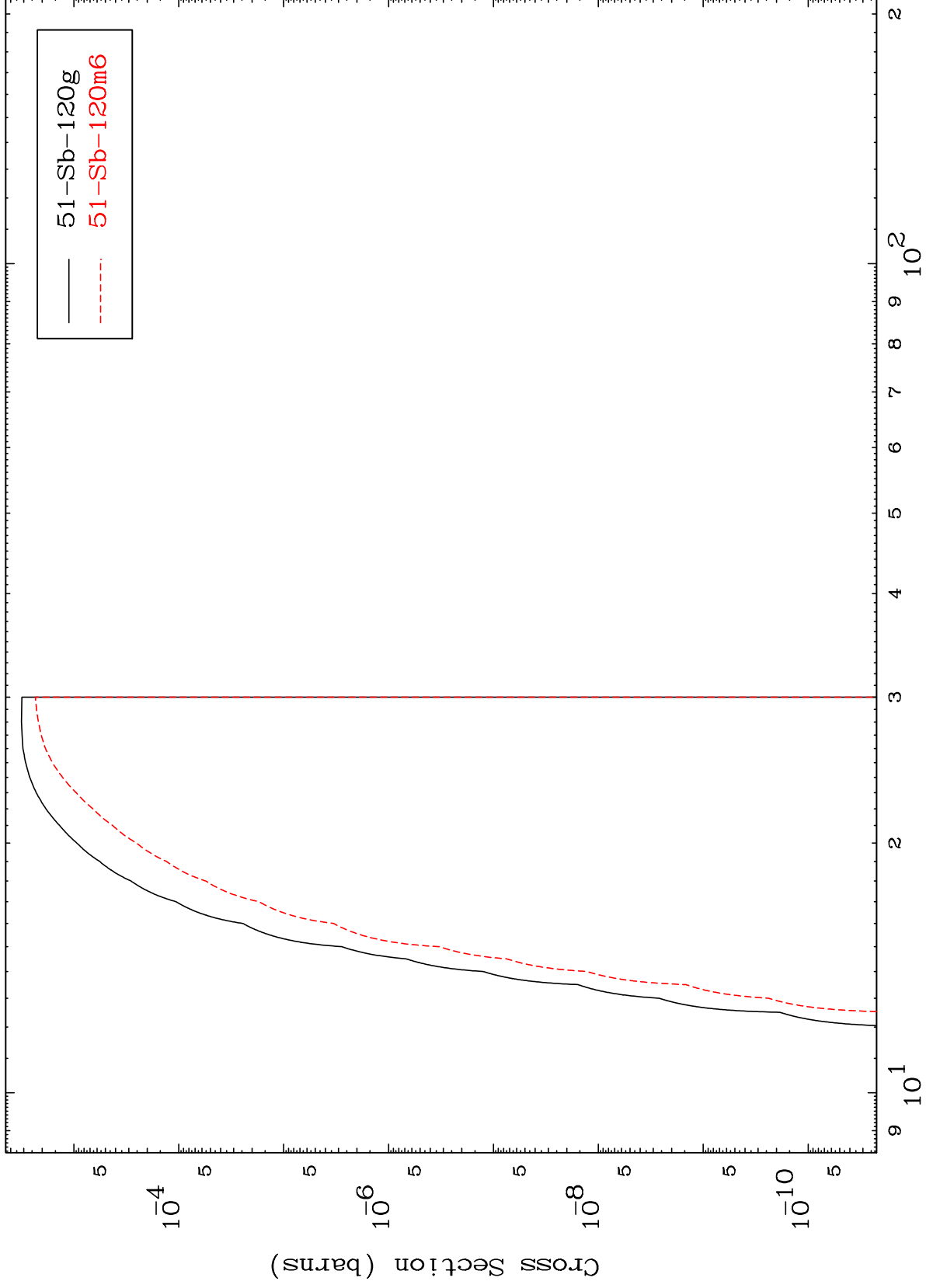
Incident Energy (MeV)

52-Te-122

MAT 5231

52-Te-122

(n,t)
Radionuclide Production Cross Section



141

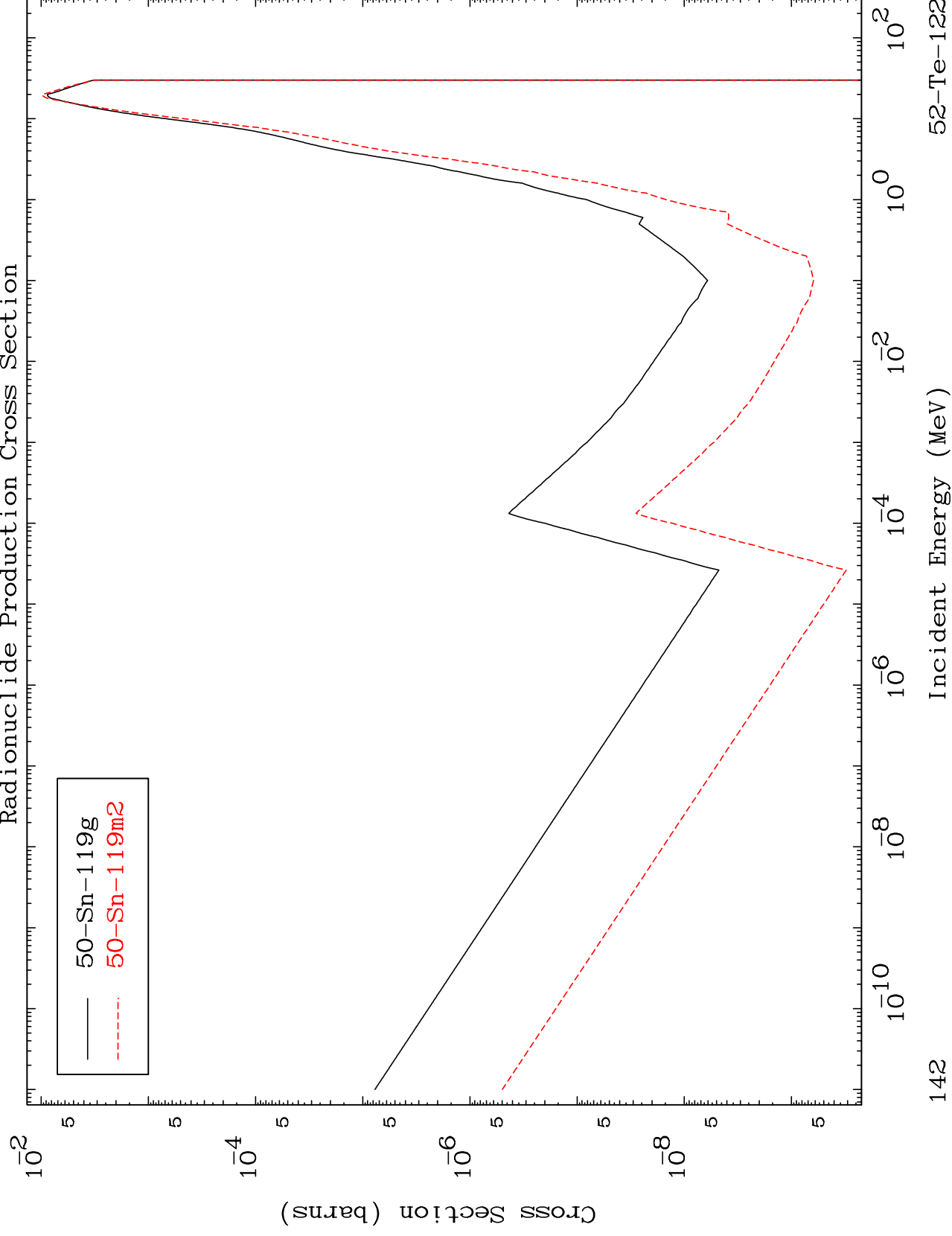
Incident Energy (MeV)

52-Te-122

MAT 5231

52-Te-122

Radionuclide Production Cross Section
(n, α)



142

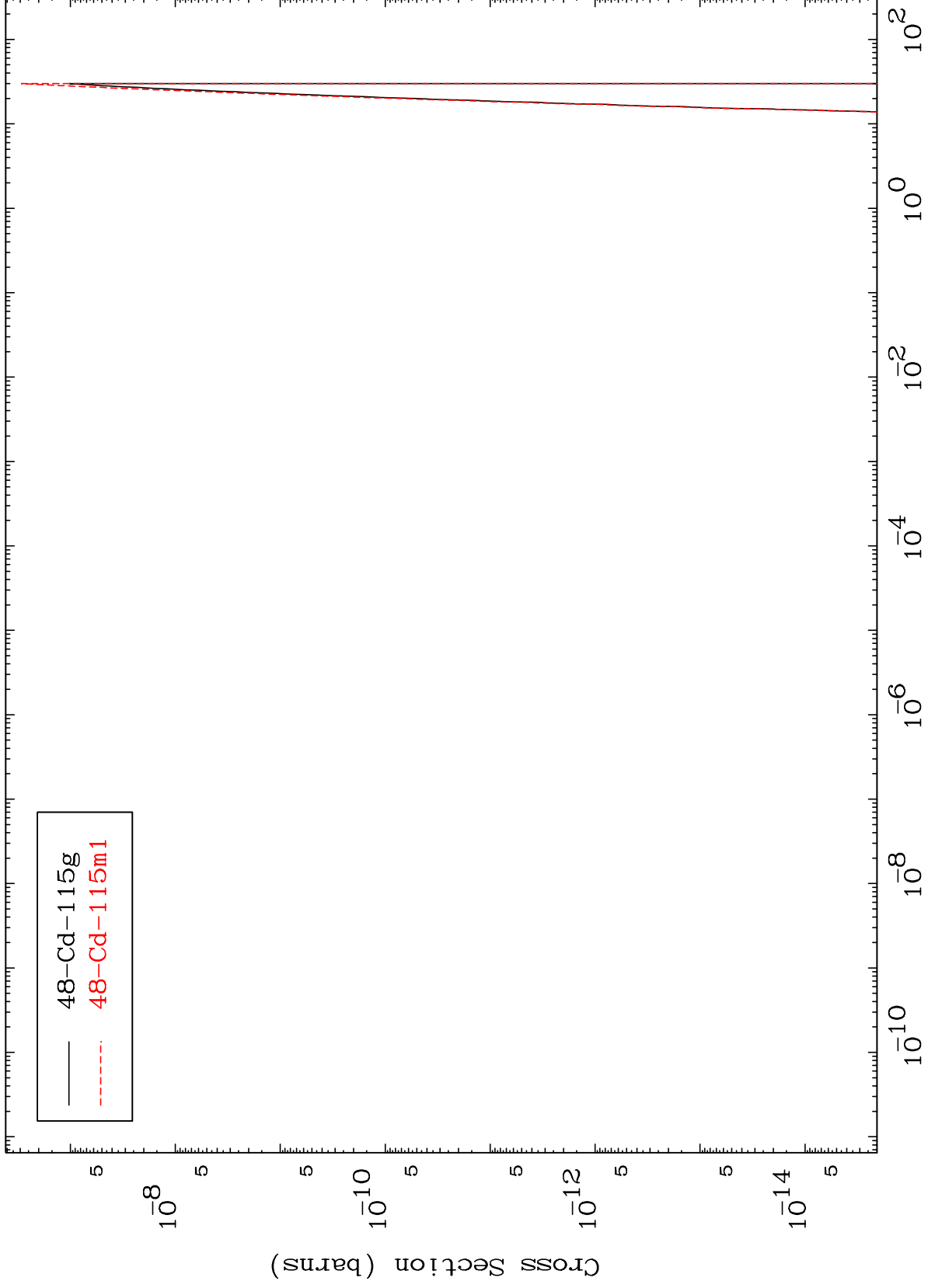
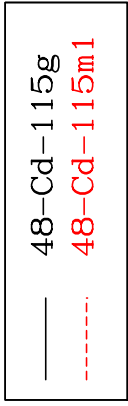
52-Te-122

MAT 5231

(n,2α)

52-Te-122

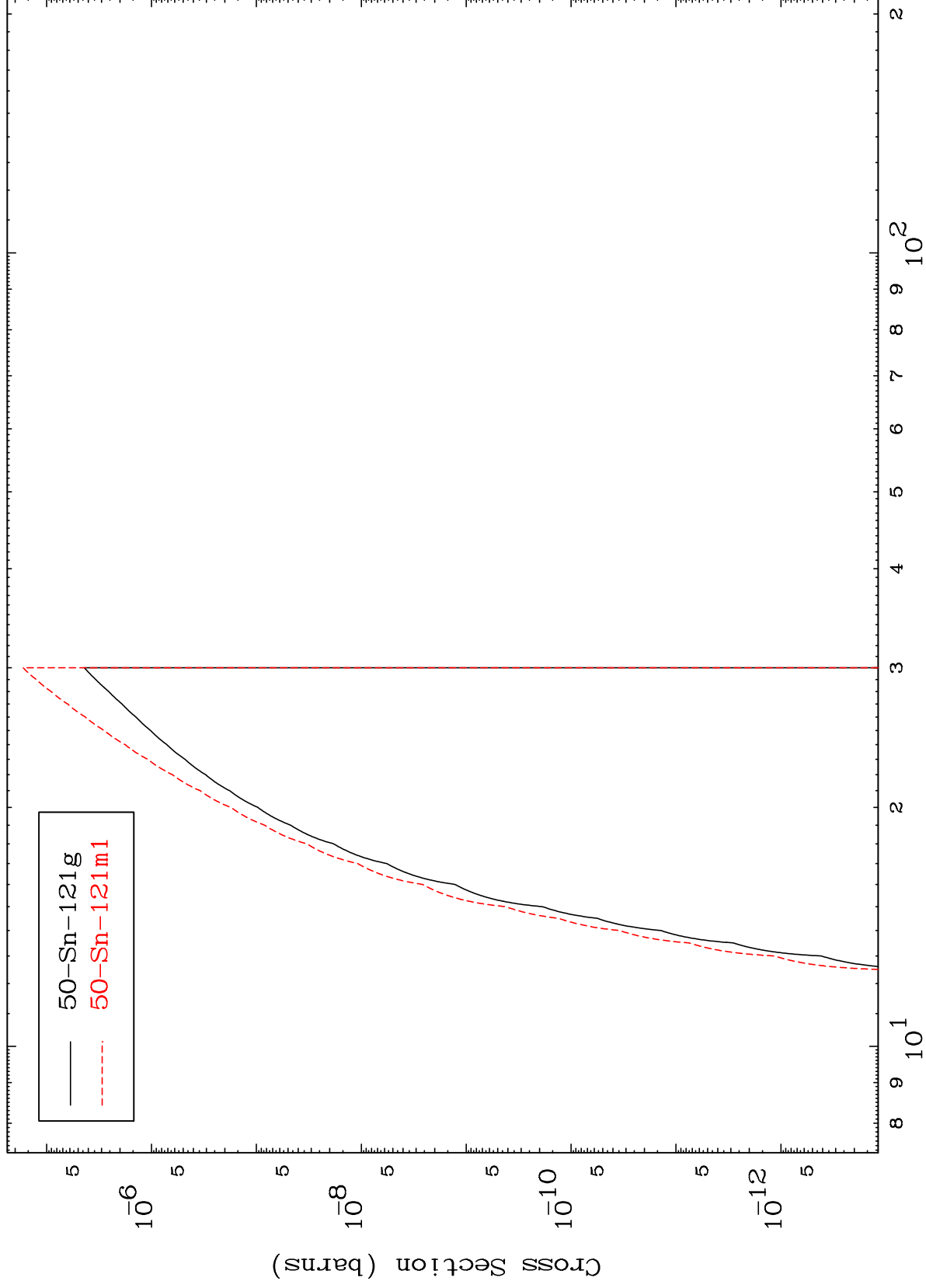
Radionuclide Production Cross Section



MAT 5231

52-Te-122

(n,2p)
Radionuclide Production Cross Section



144

Incident Energy (MeV)

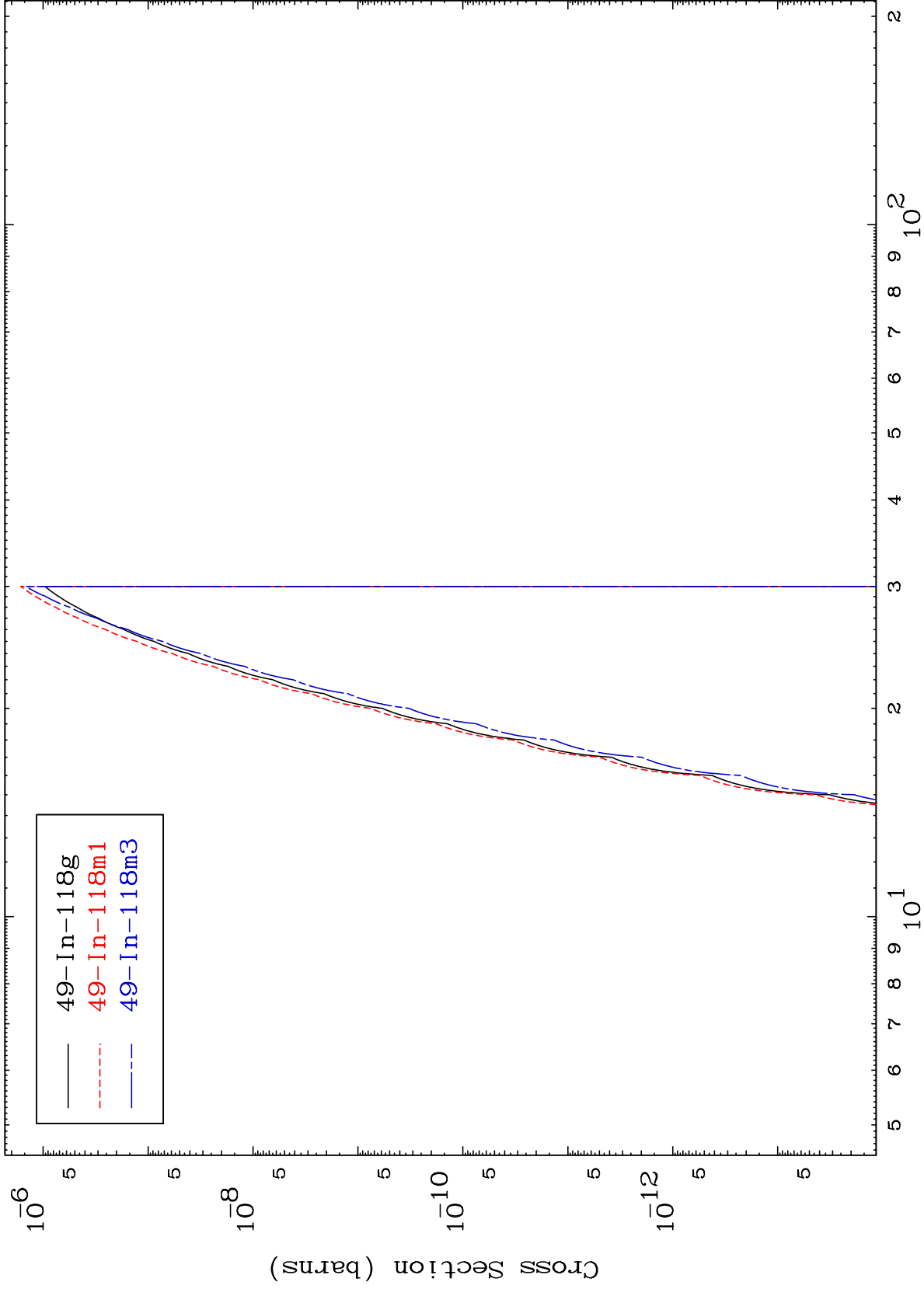
52-Te-122

MAT 5231

52-Te-122

(n,p) α

Radionuclide Production Cross Section



145

Incident Energy (MeV)

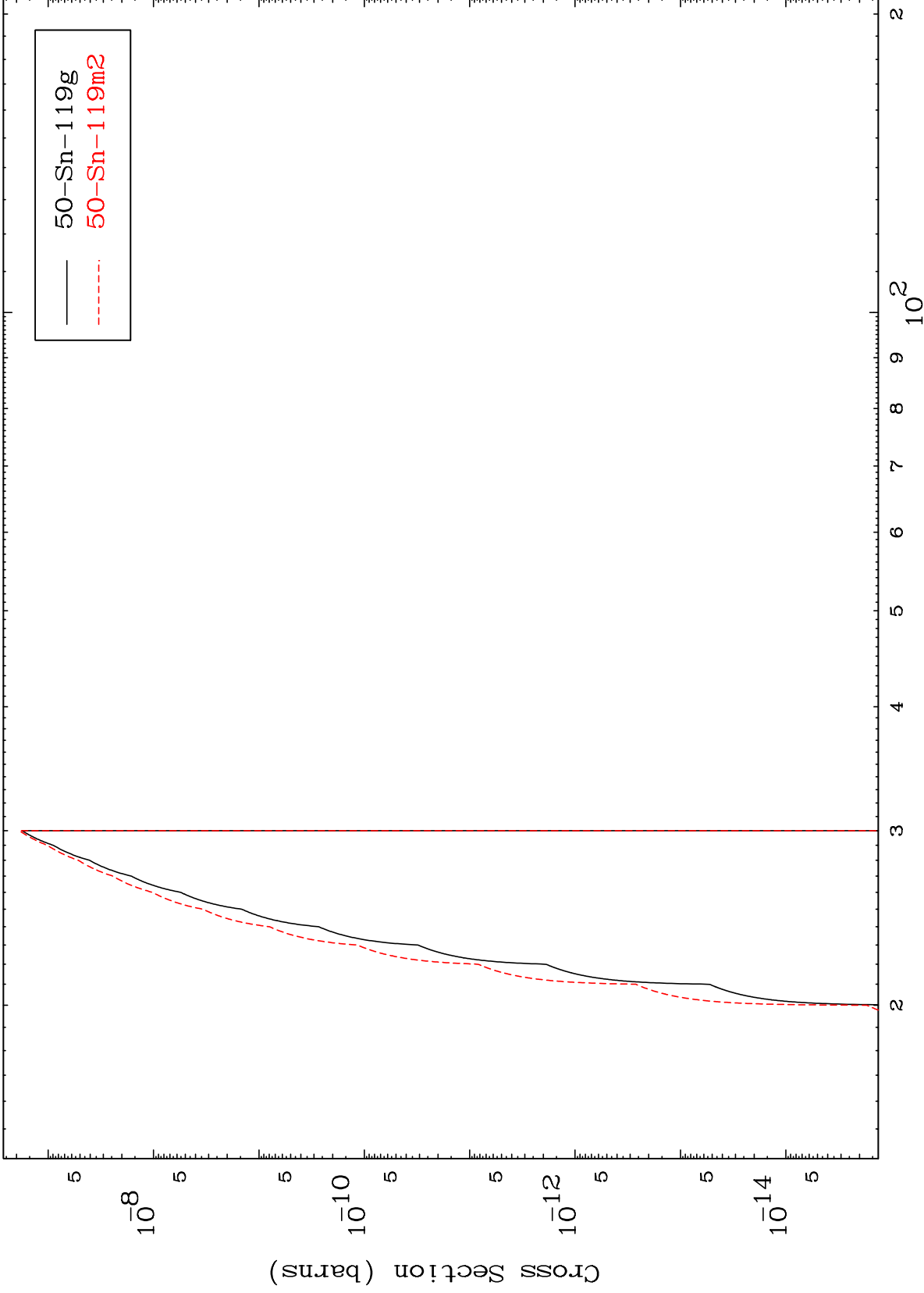
52-Te-122

MAT 5231

(n,p) t

52-Te-122

Radionuclide Production Cross Section



146

Incident Energy (MeV)

52-Te-122

MAT 5231

(n,d) α

52-Te-122

Radionuclide Production Cross Section

