

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

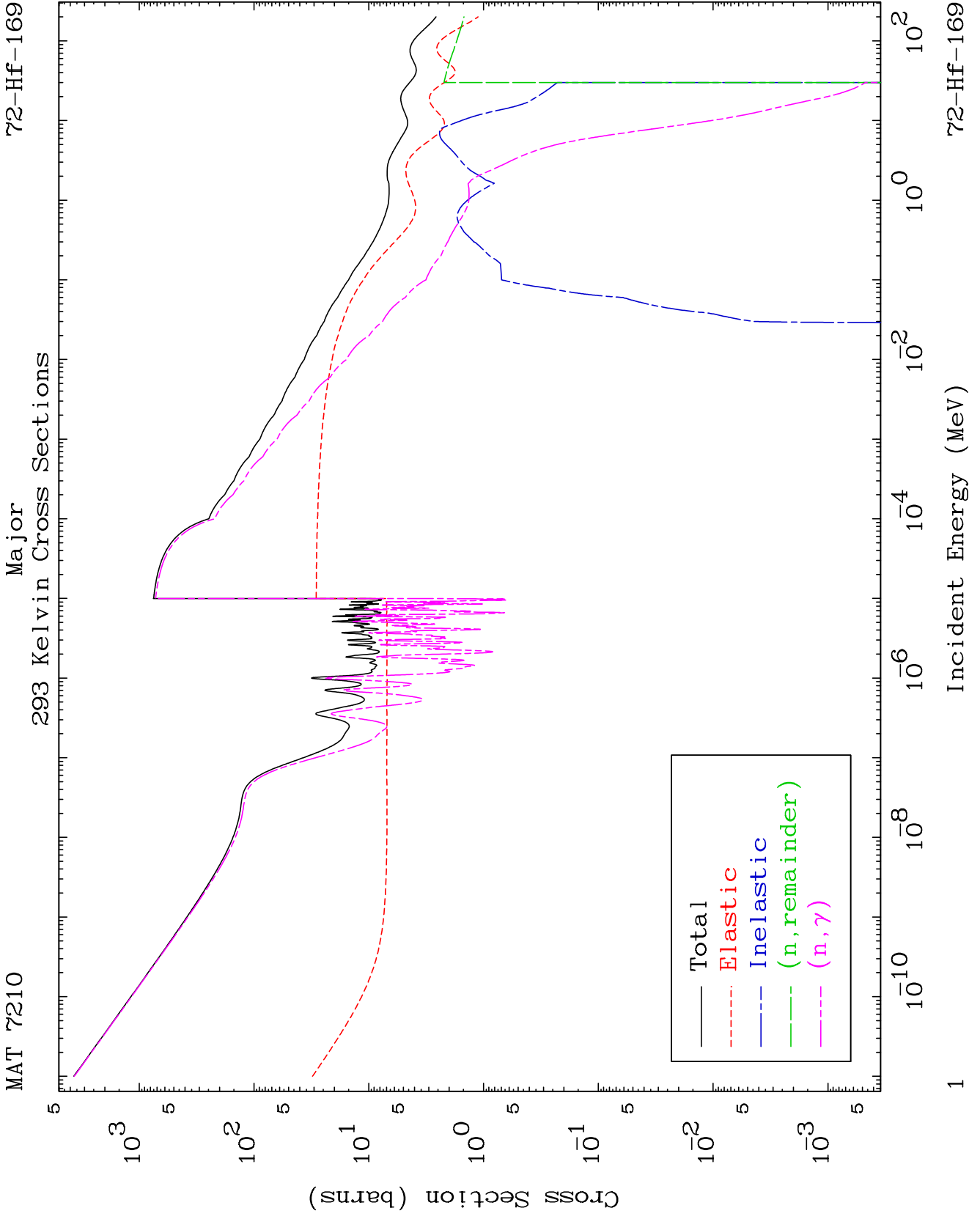
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

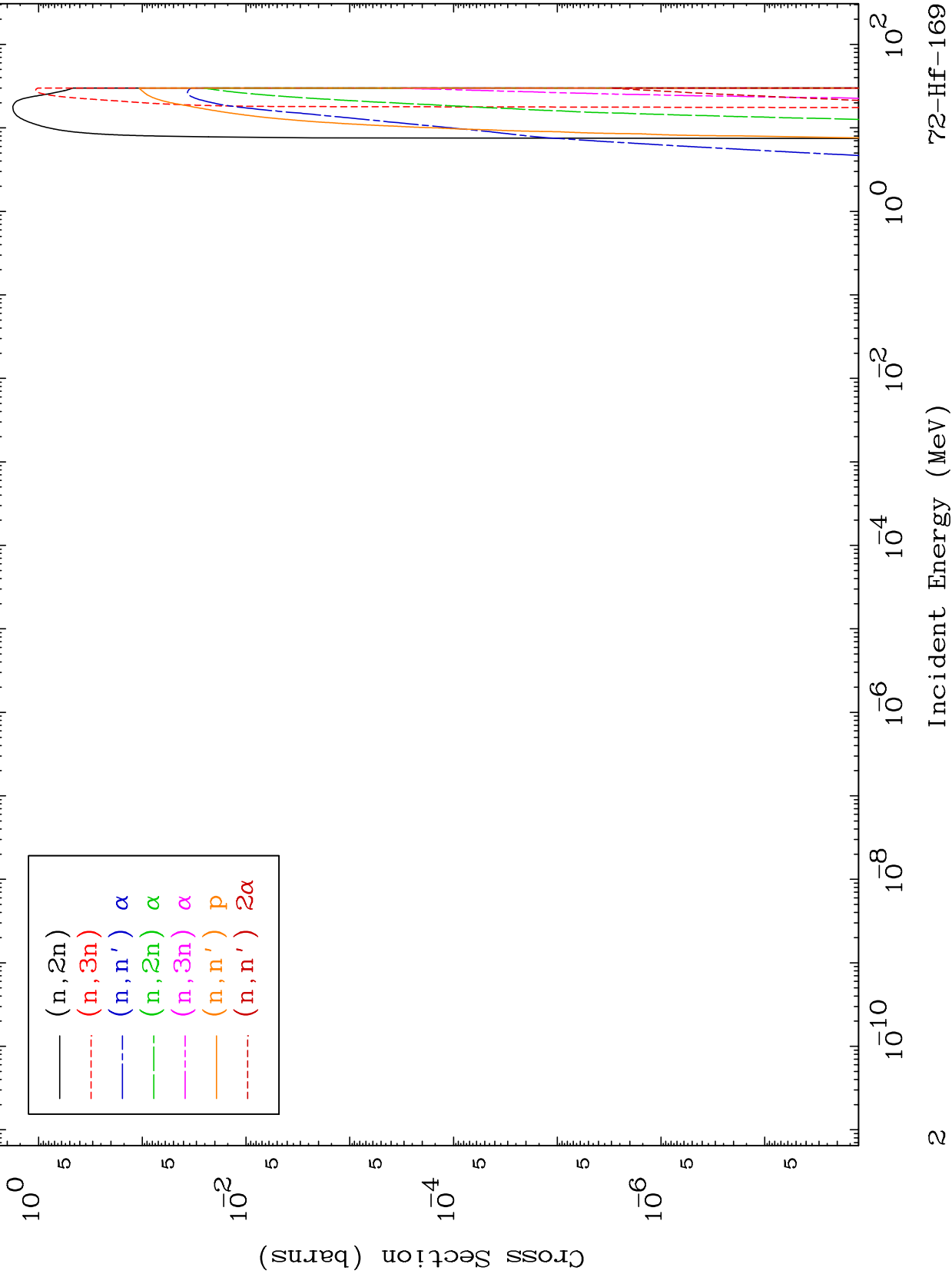
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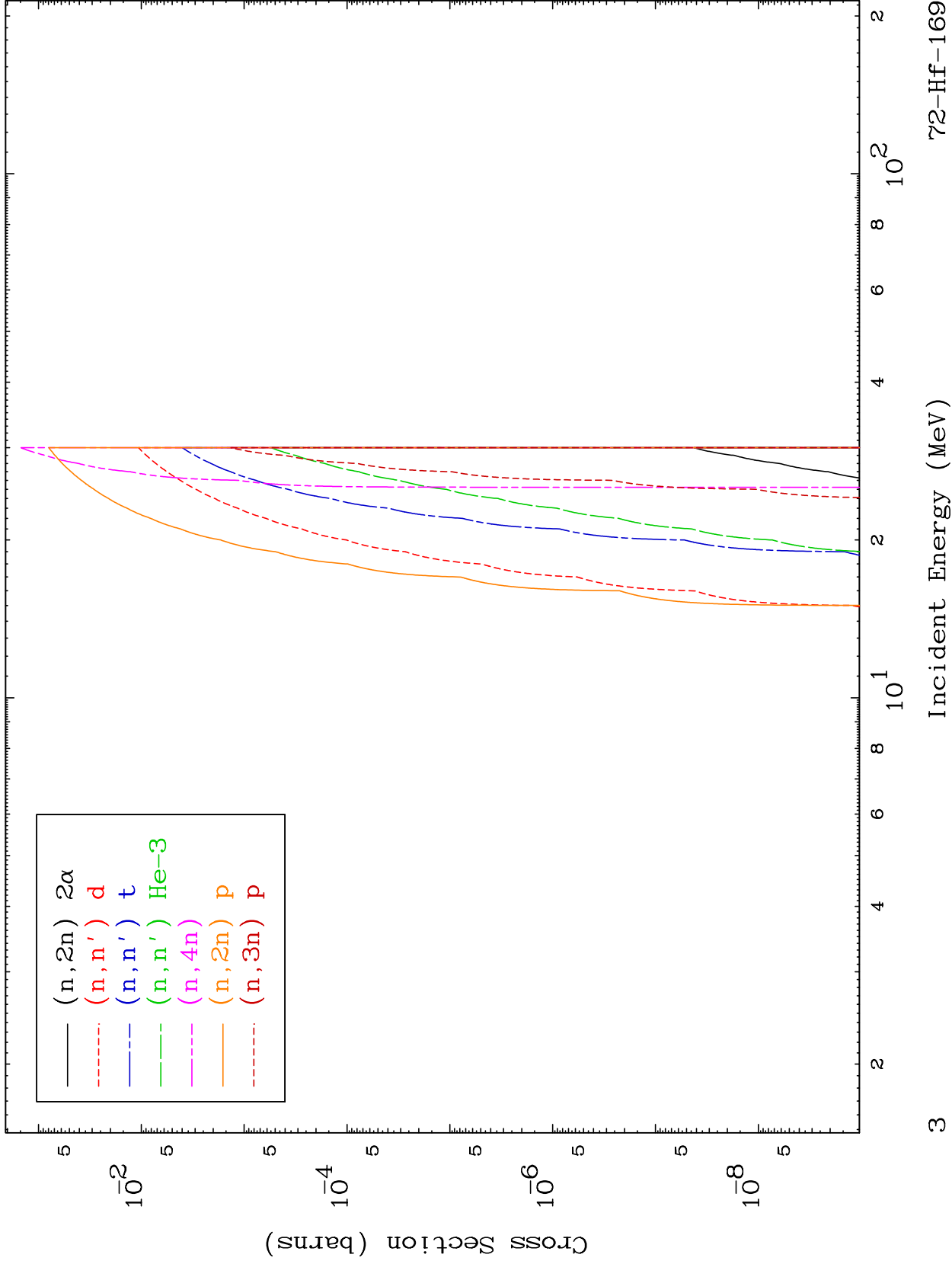


MAT 7210

Neutron Production
293 Kelvin Cross Sections

72-Hf-169

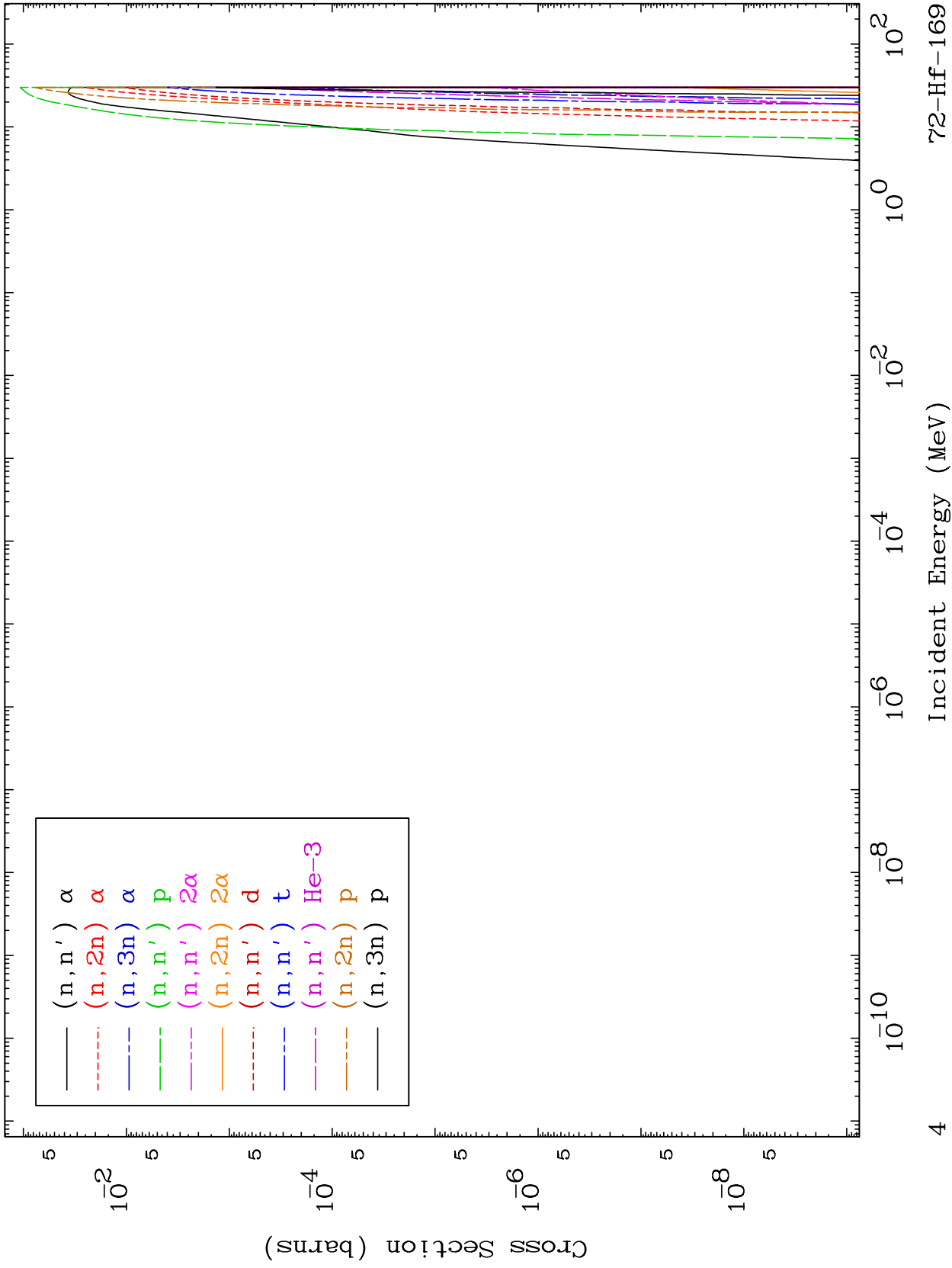


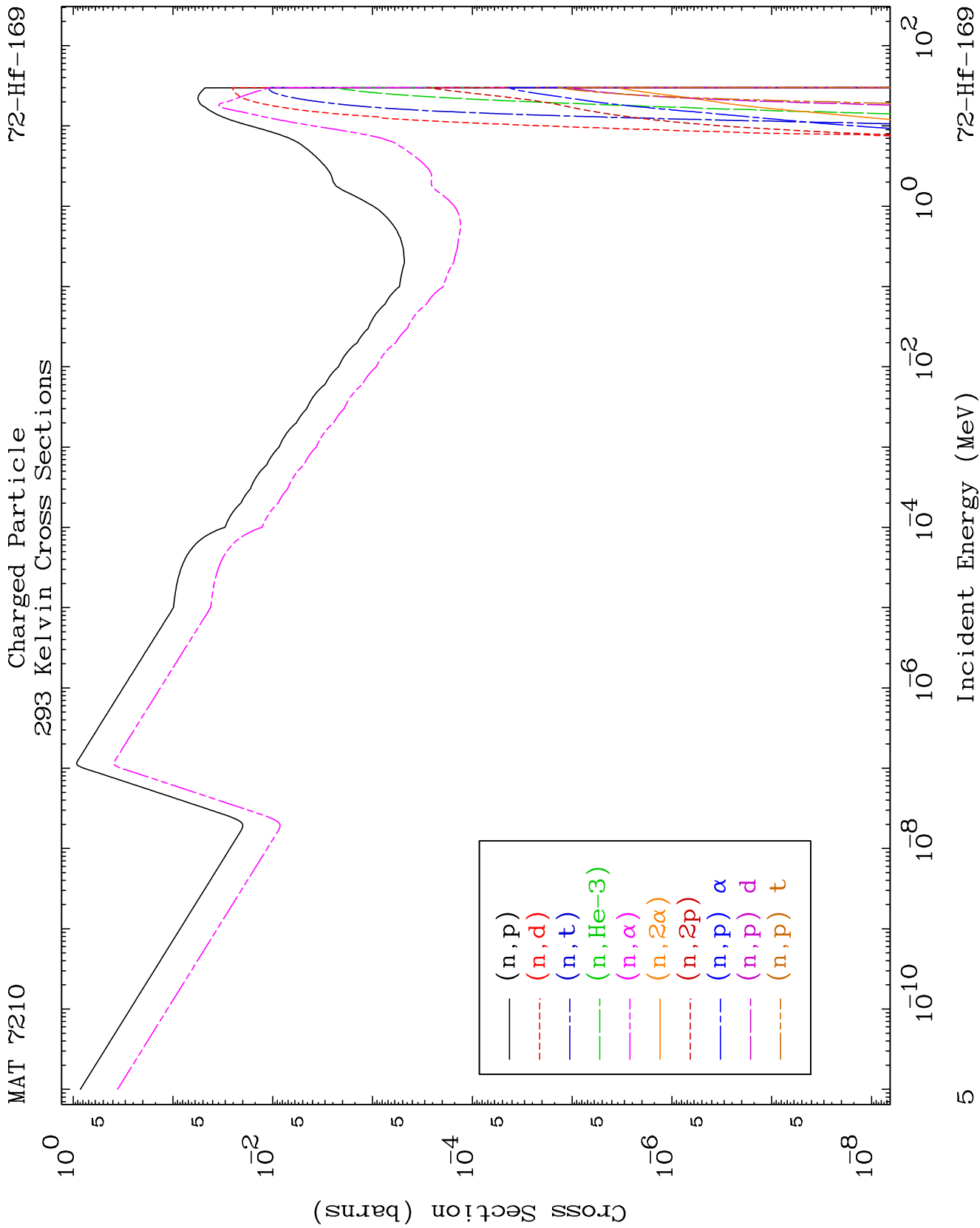


MAT 7210

Charged Particle
293 Kelvin Cross Sections

72-Hf-169

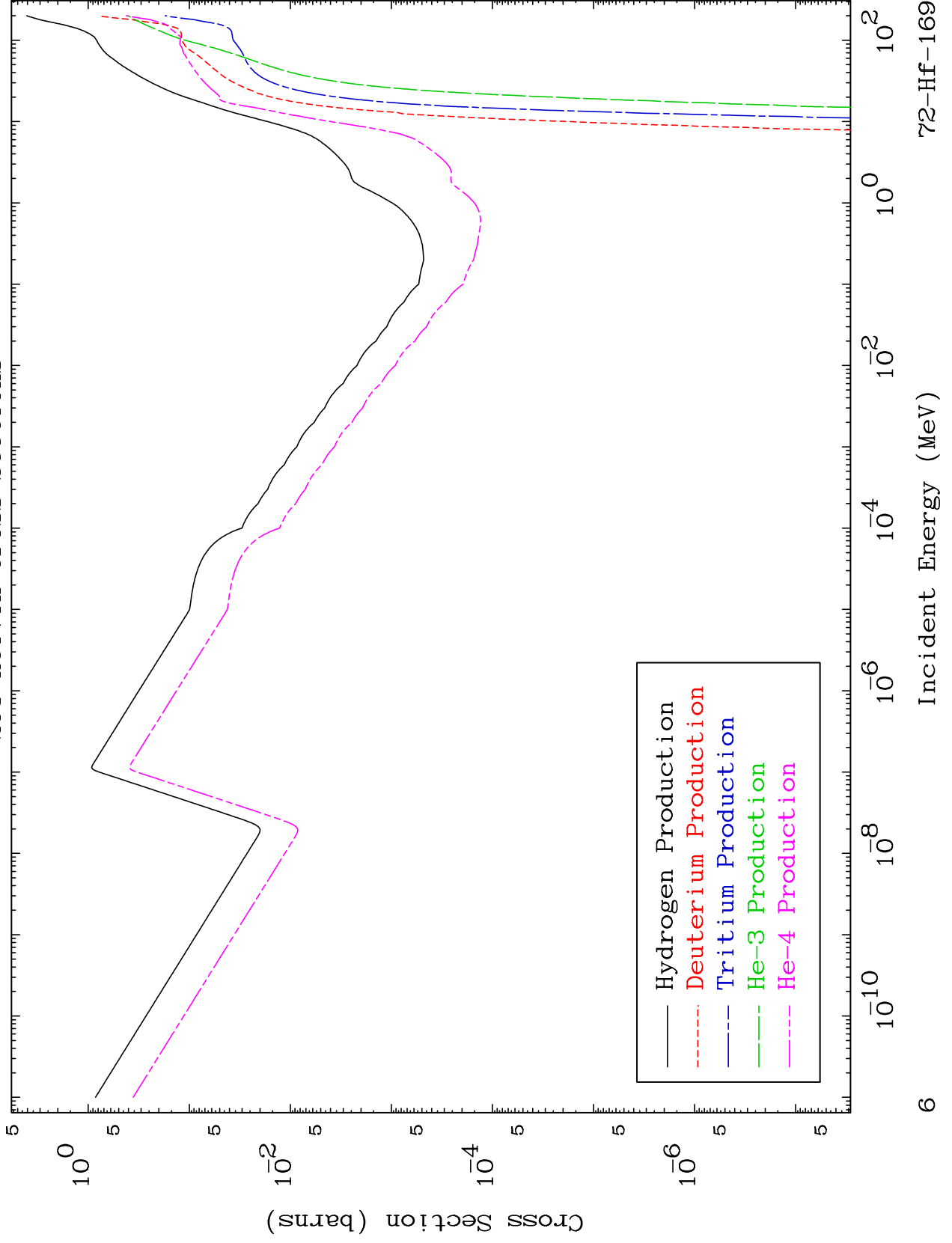


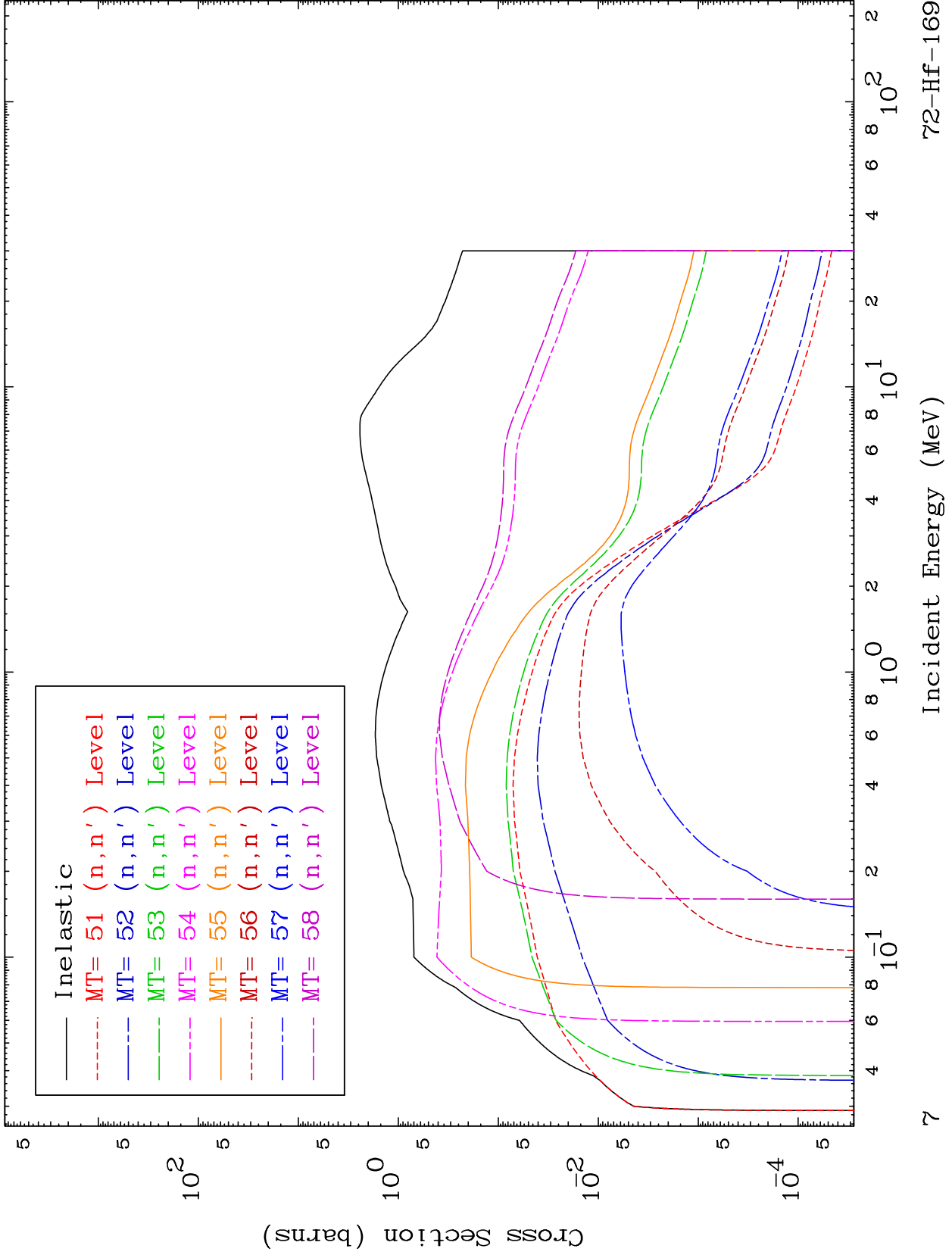


MAT 7210

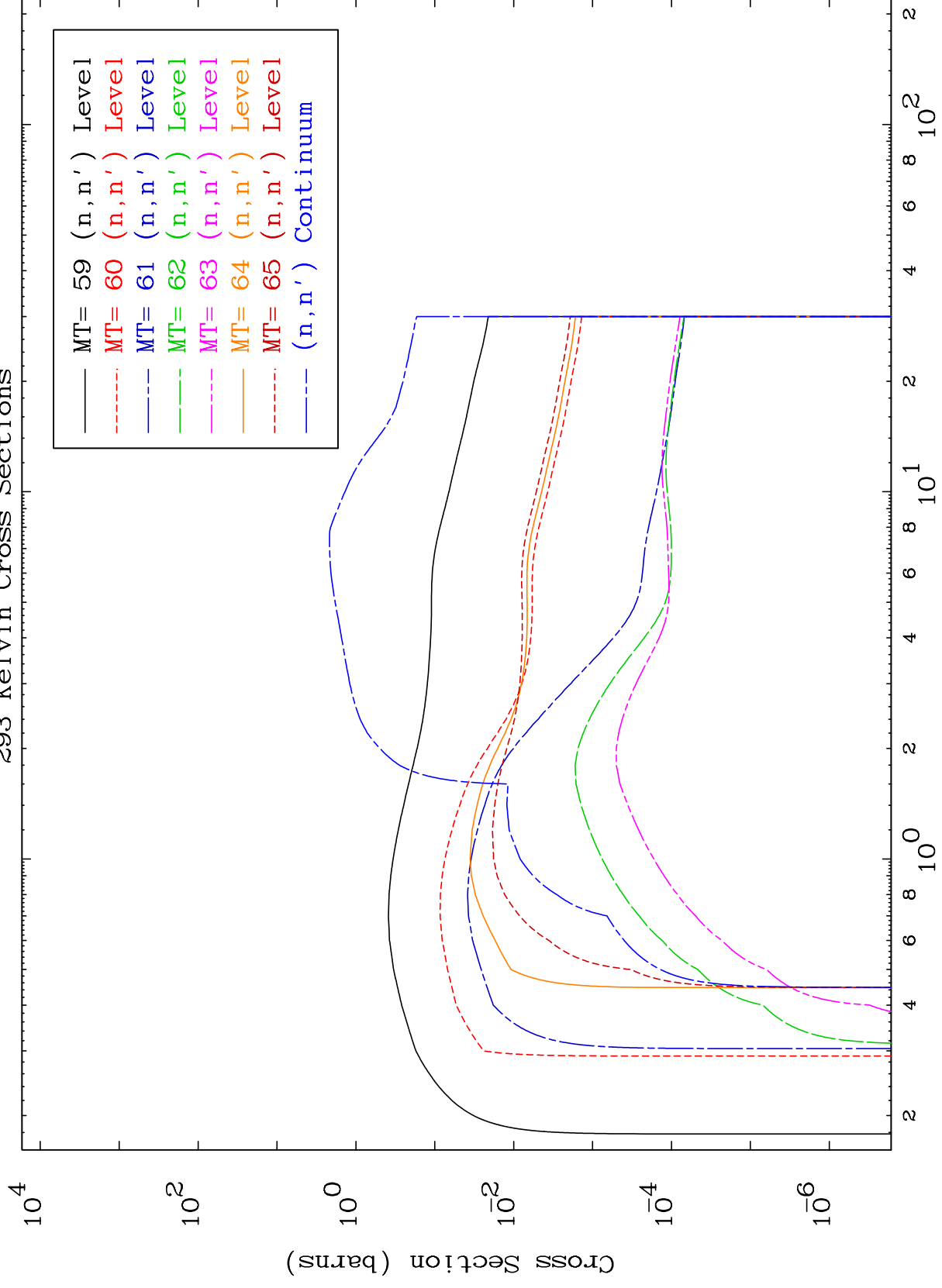
Particle Production
293 Kelvin Cross Sections

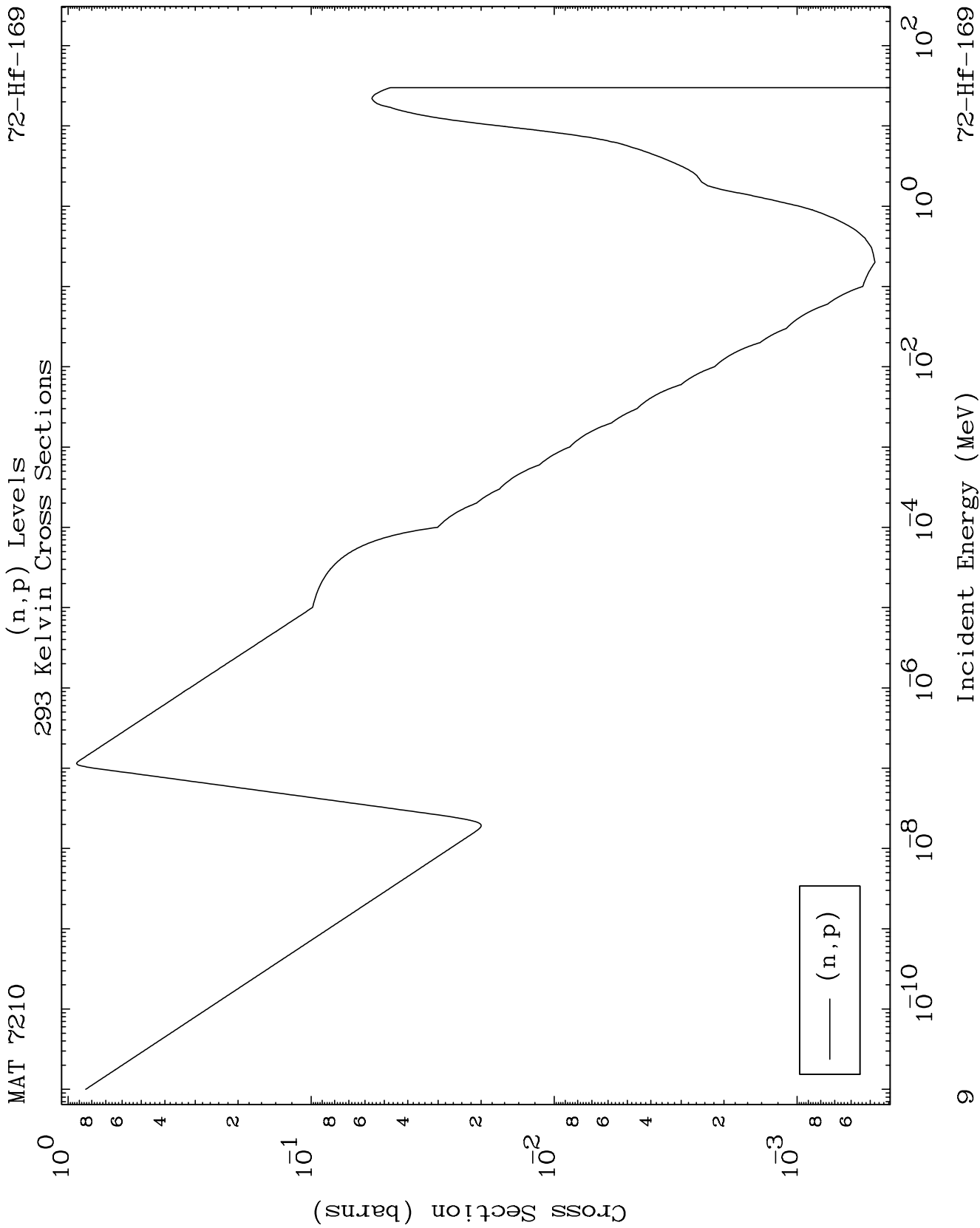
72-Hf-169





293 Kelvin Cross Sections

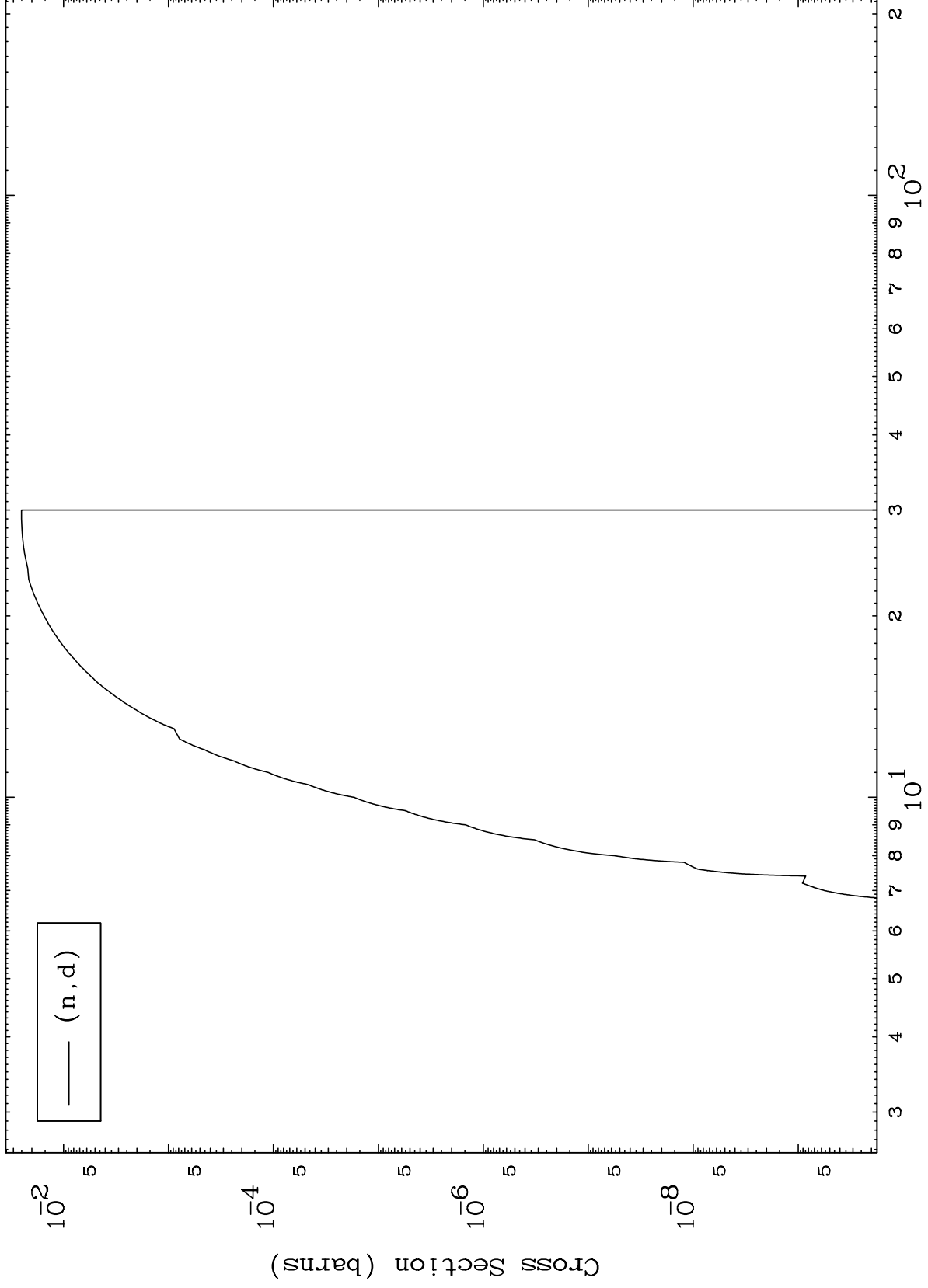




MAT 7210

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-169



(n,d)

10

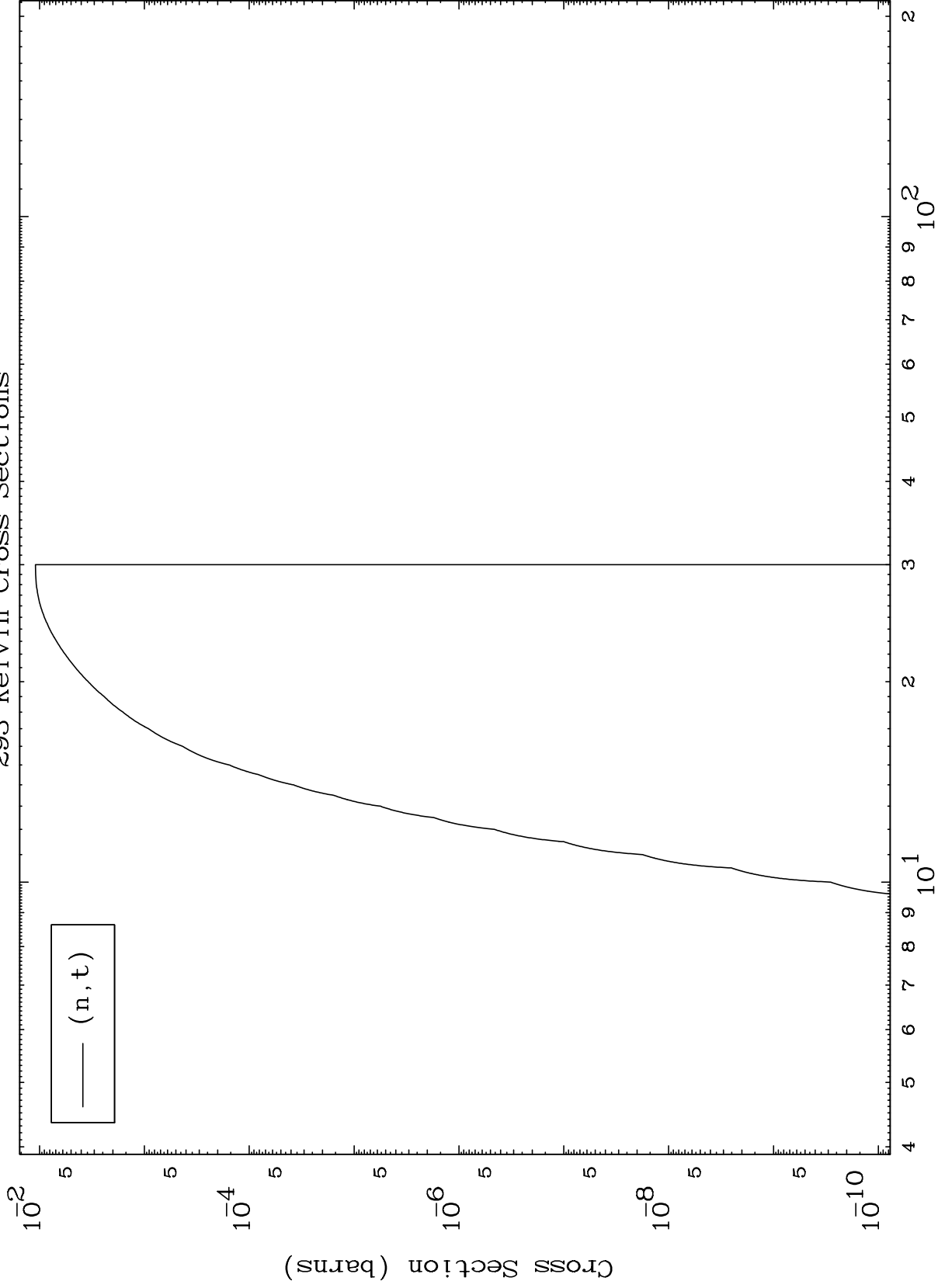
Incident Energy (MeV)

72-Hf-169

MAT 7210

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-169



11

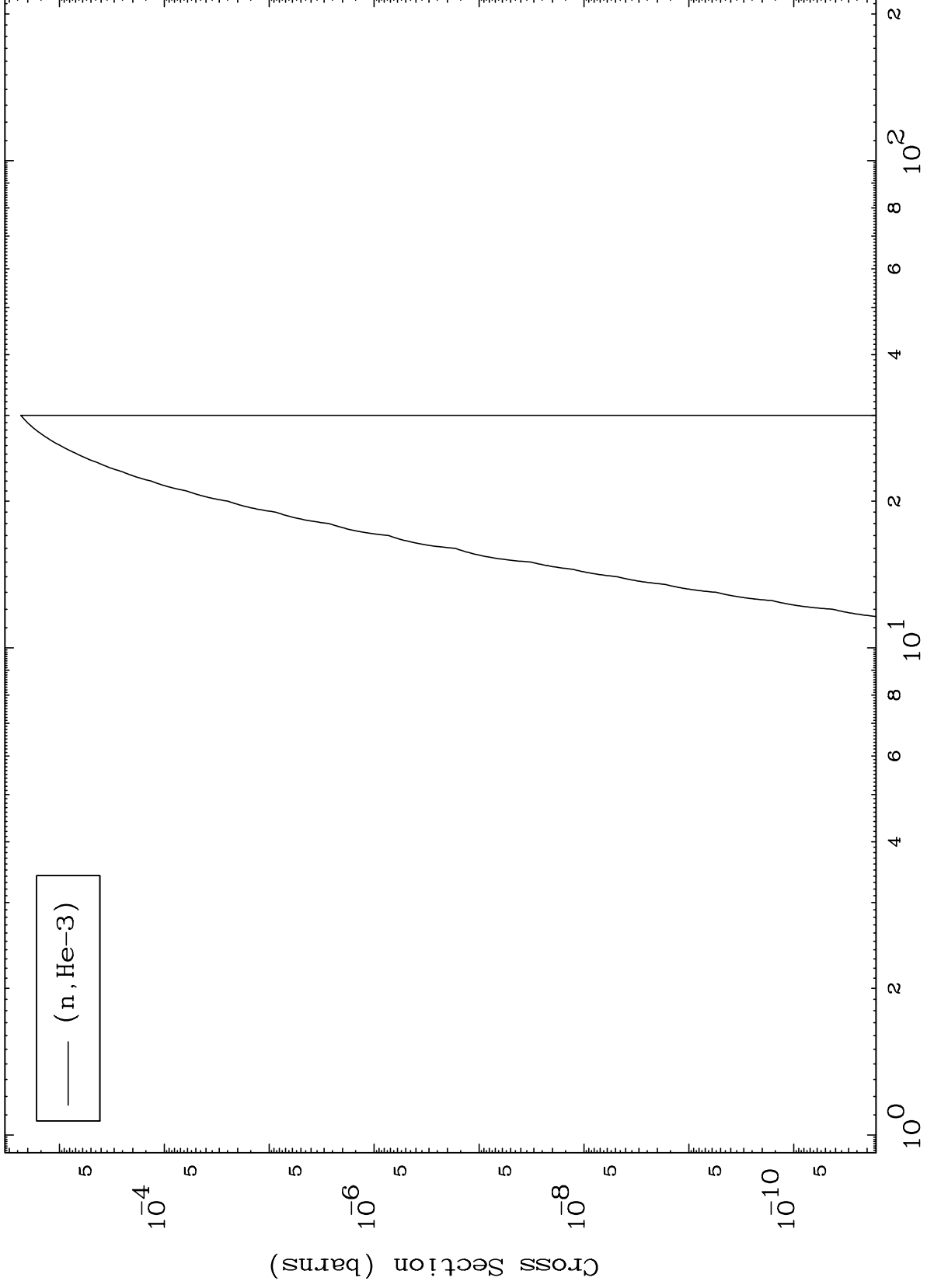
Incident Energy (MeV)

72-Hf-169

MAT 7210

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-169



12

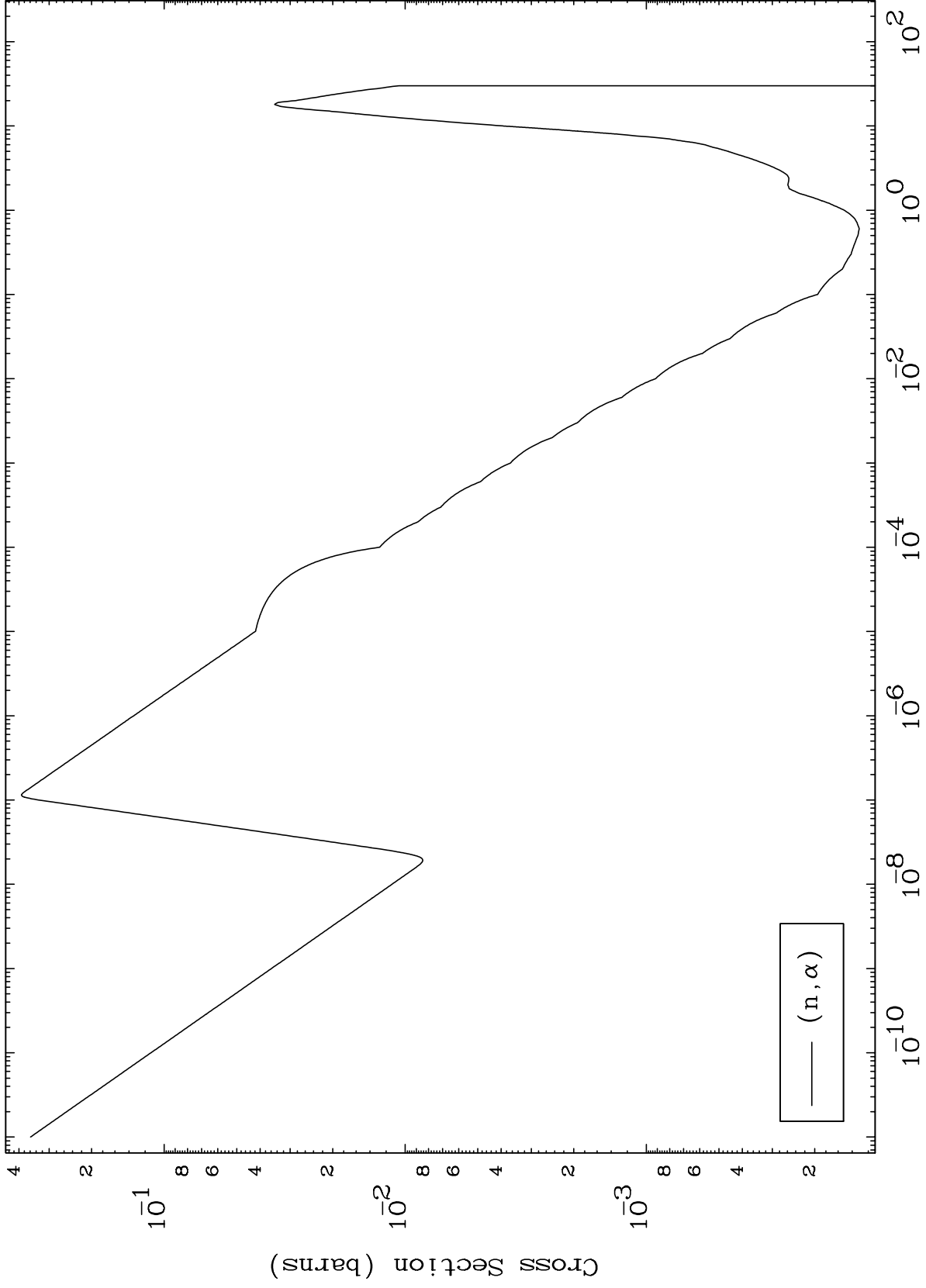
Incident Energy (MeV)

72-Hf-169

MAT 7210

(n, α) Levels
293 Kelvin Cross Sections

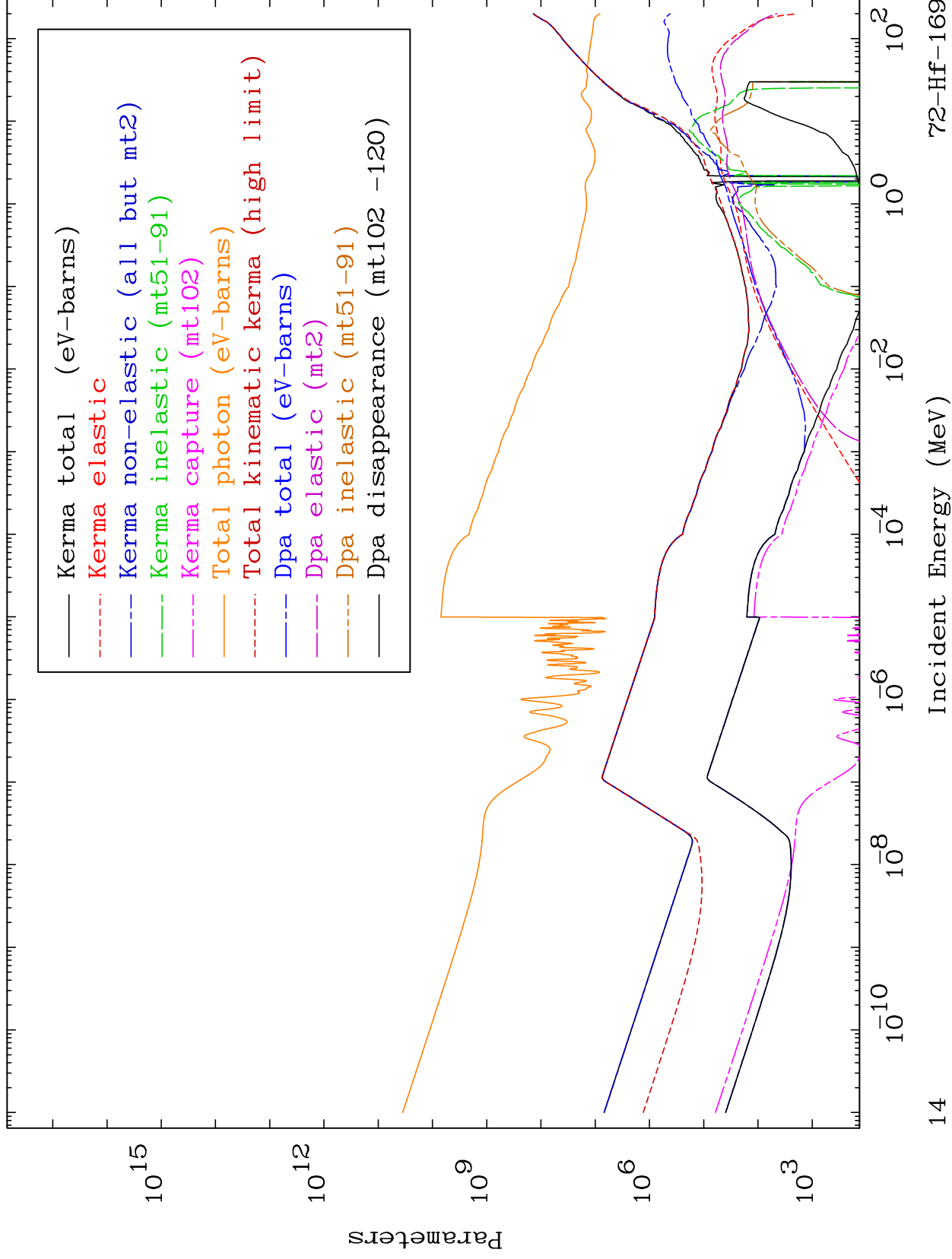
72-Hf-169

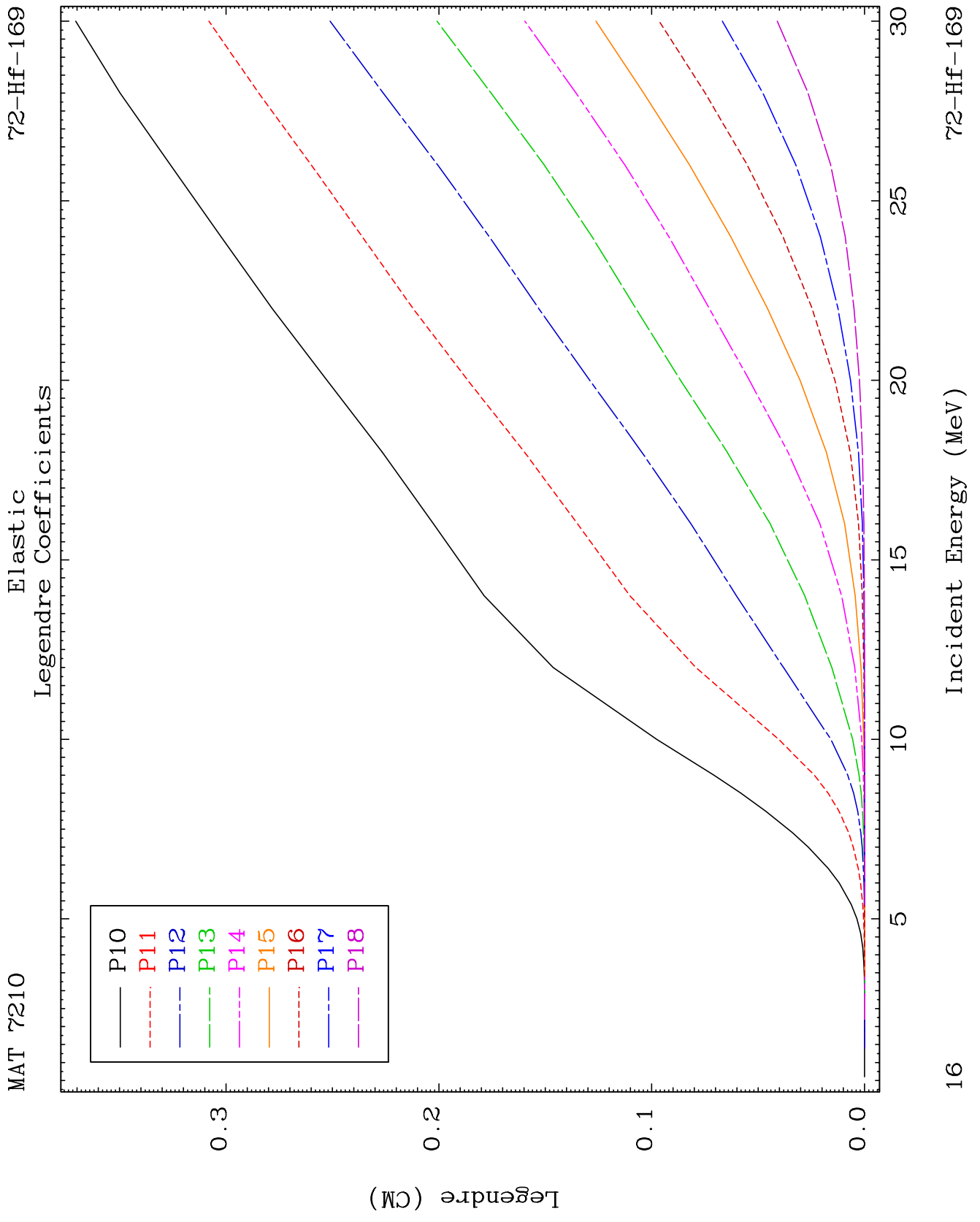


13

Incident Energy (MeV)

72-Hf-169

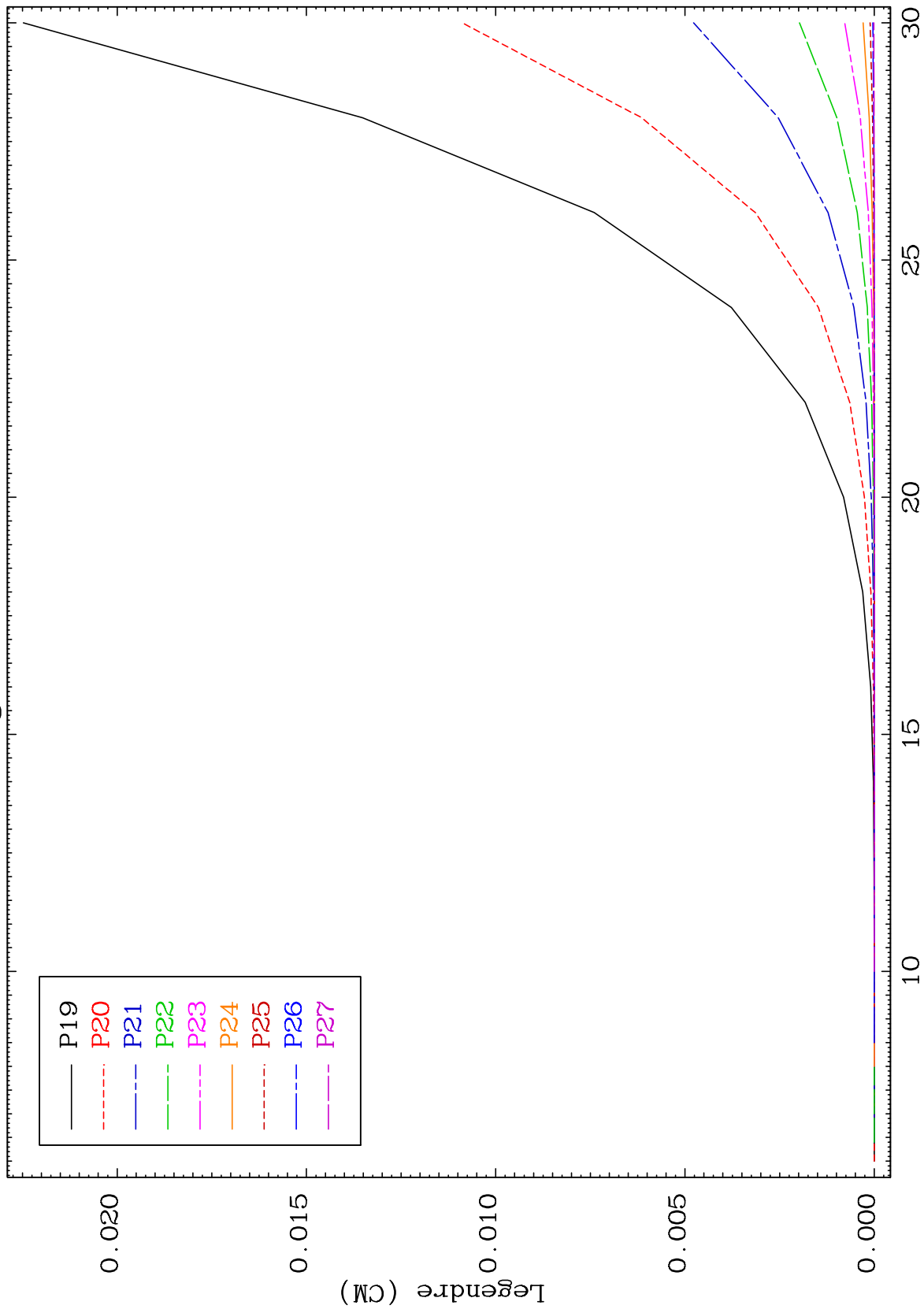




MAT 7210

Elastic Legendre Coefficients

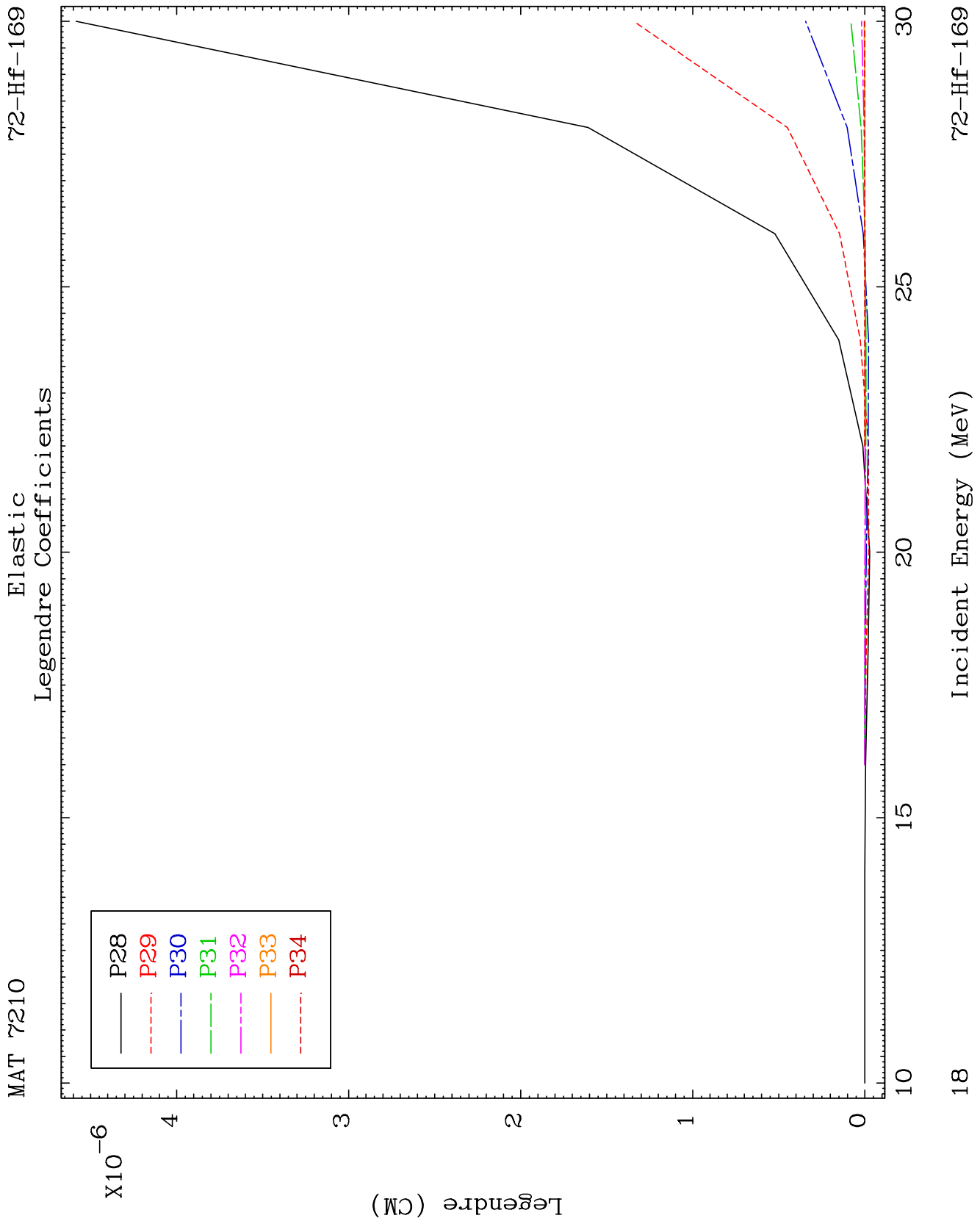
72-Hf-169



17

Incident Energy (MeV)

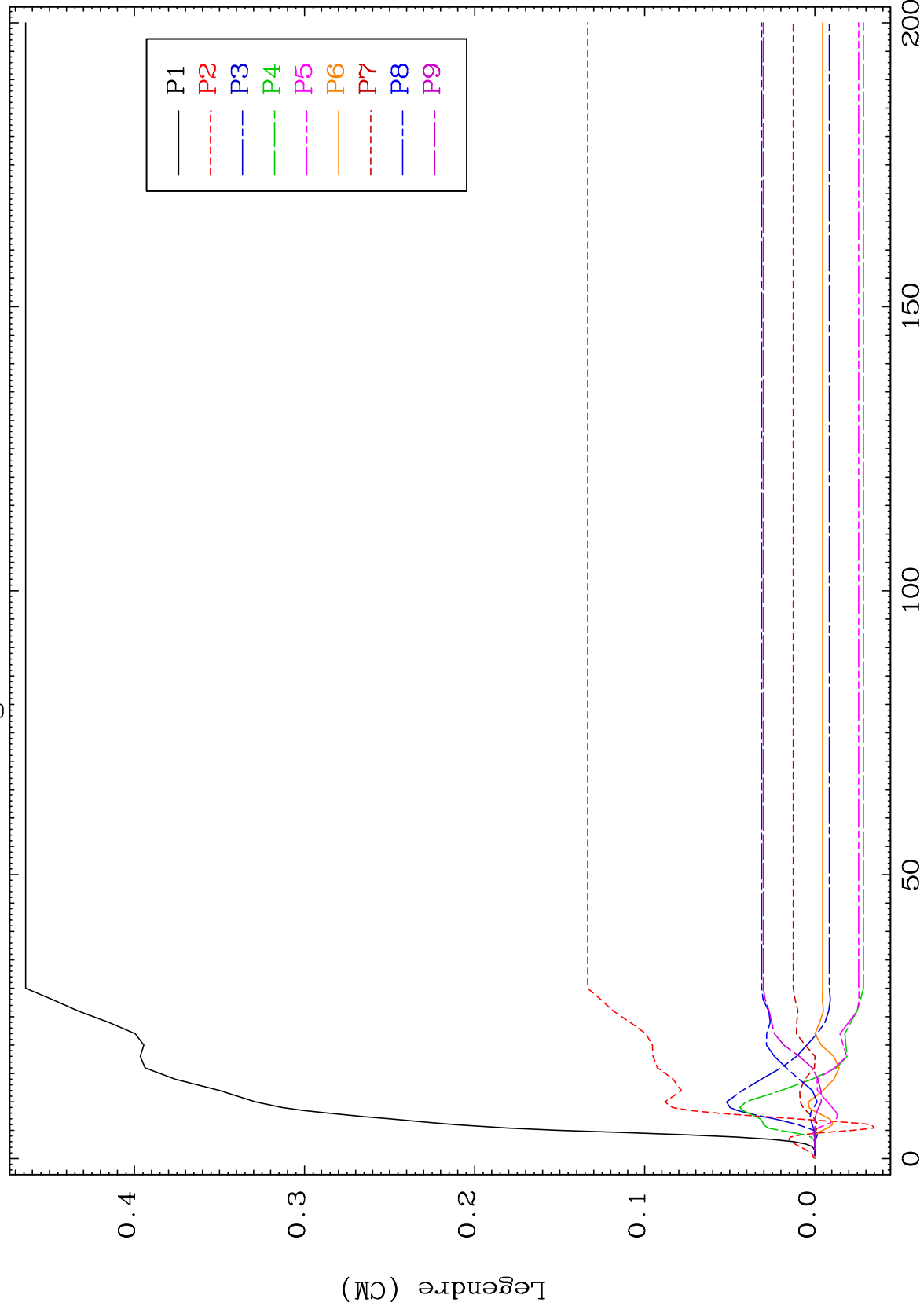
72-Hf-169



MAT 7210

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

72-Hf-169



19

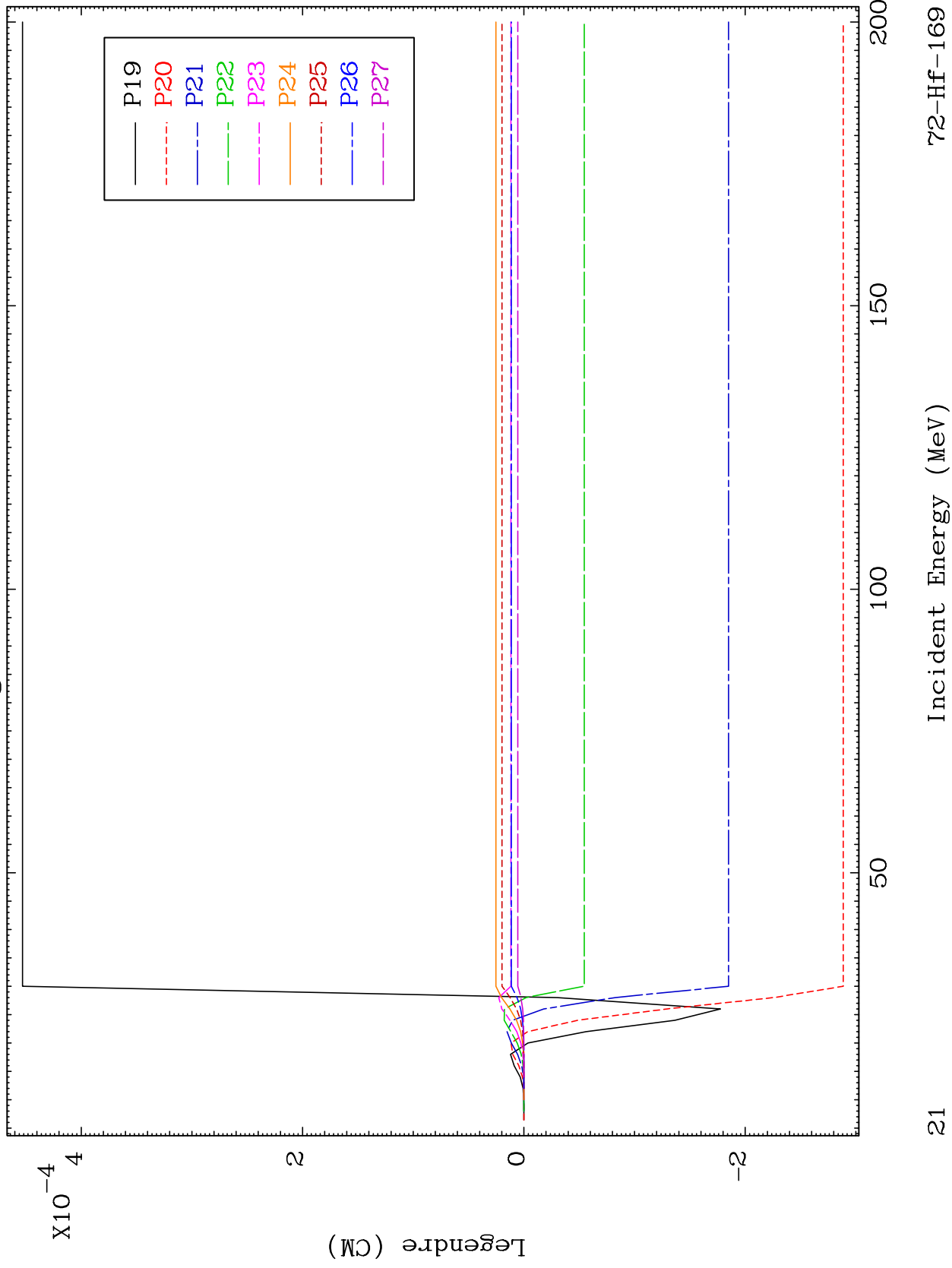
Incident Energy (MeV)

72-Hf-169

MAT 7210

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

72-Hf-169

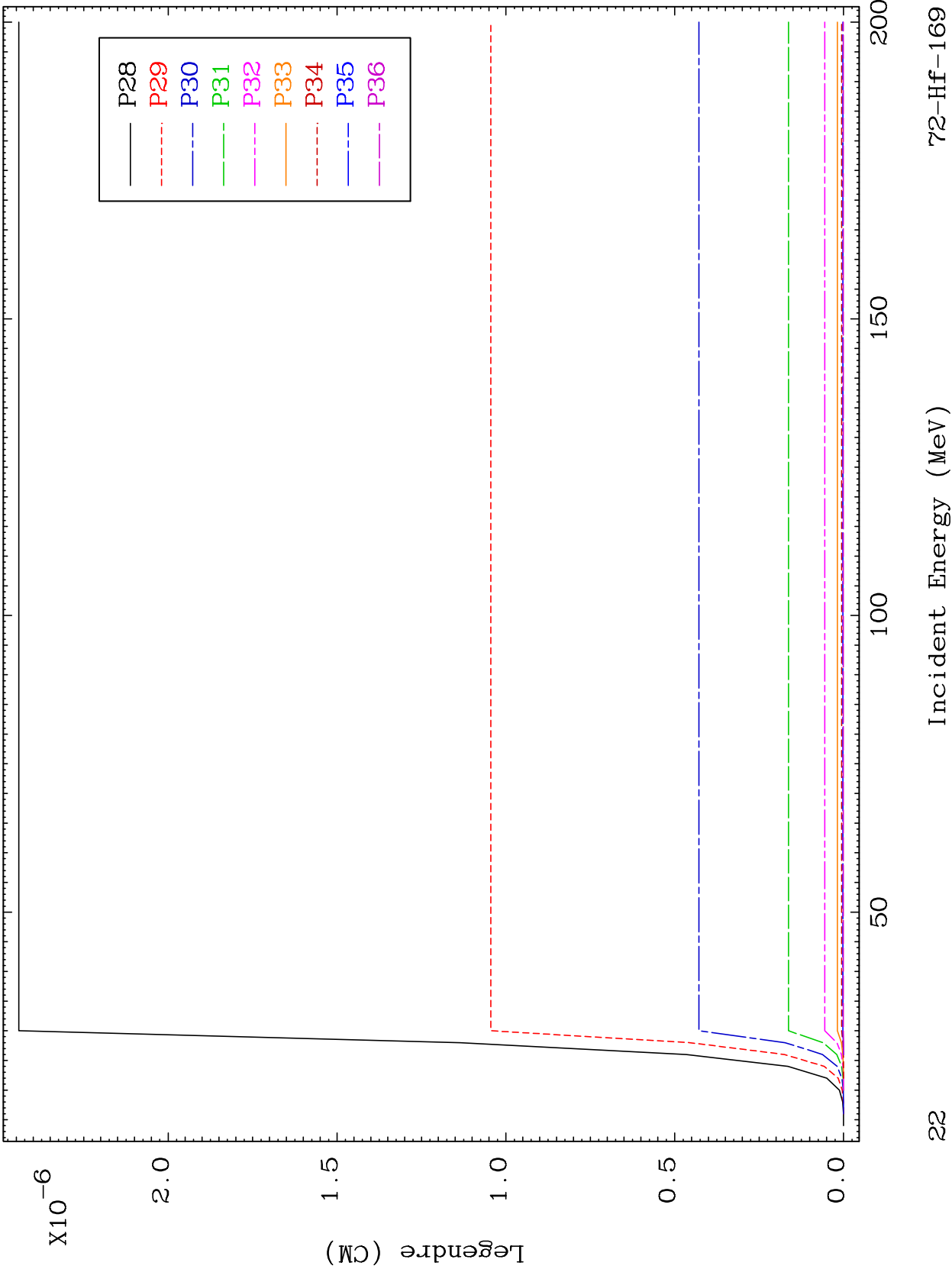


21

MAT 7210

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

72-Hf-169



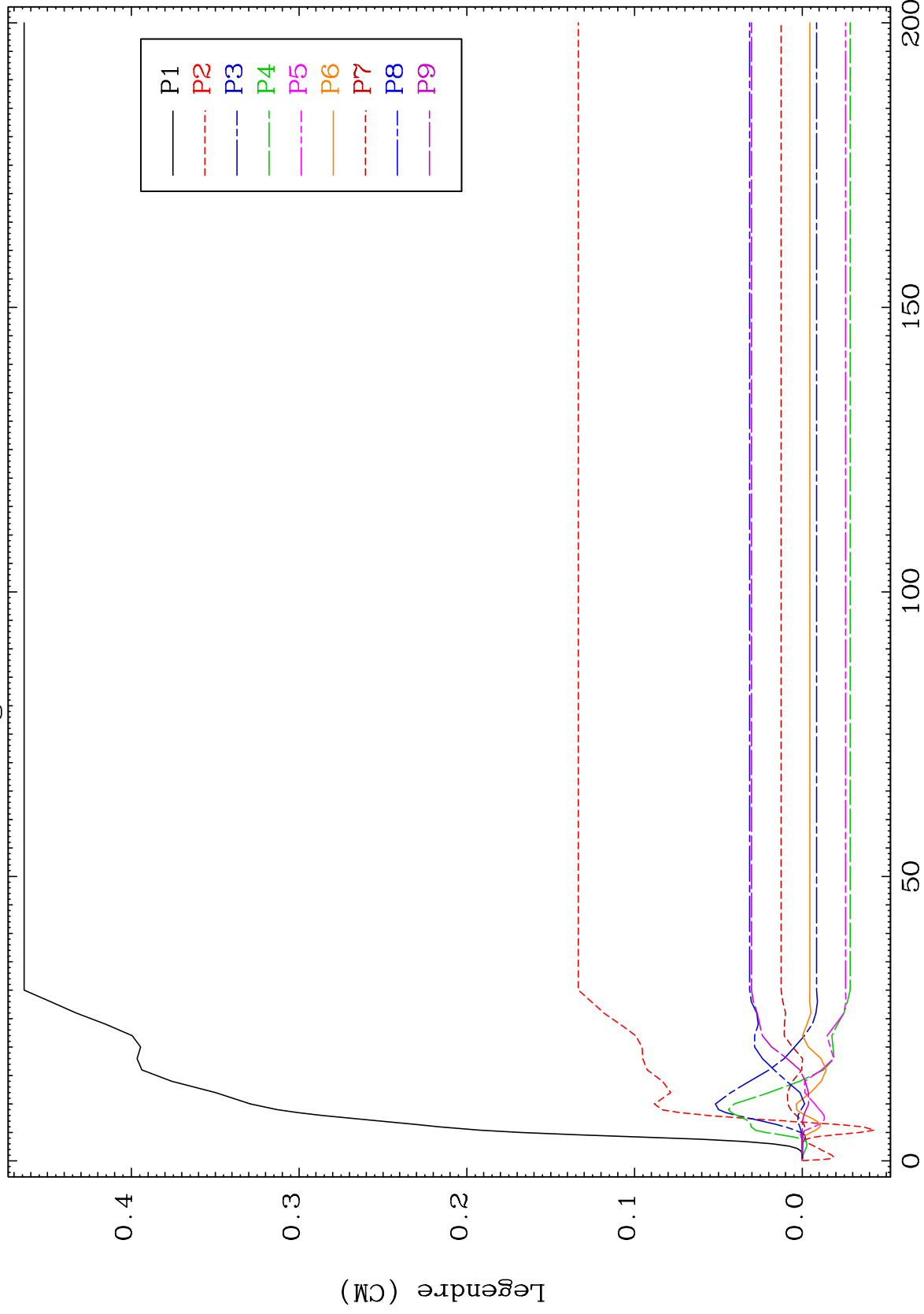
22

72-Hf-169

MAT 7210

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

72-Hf-169



23

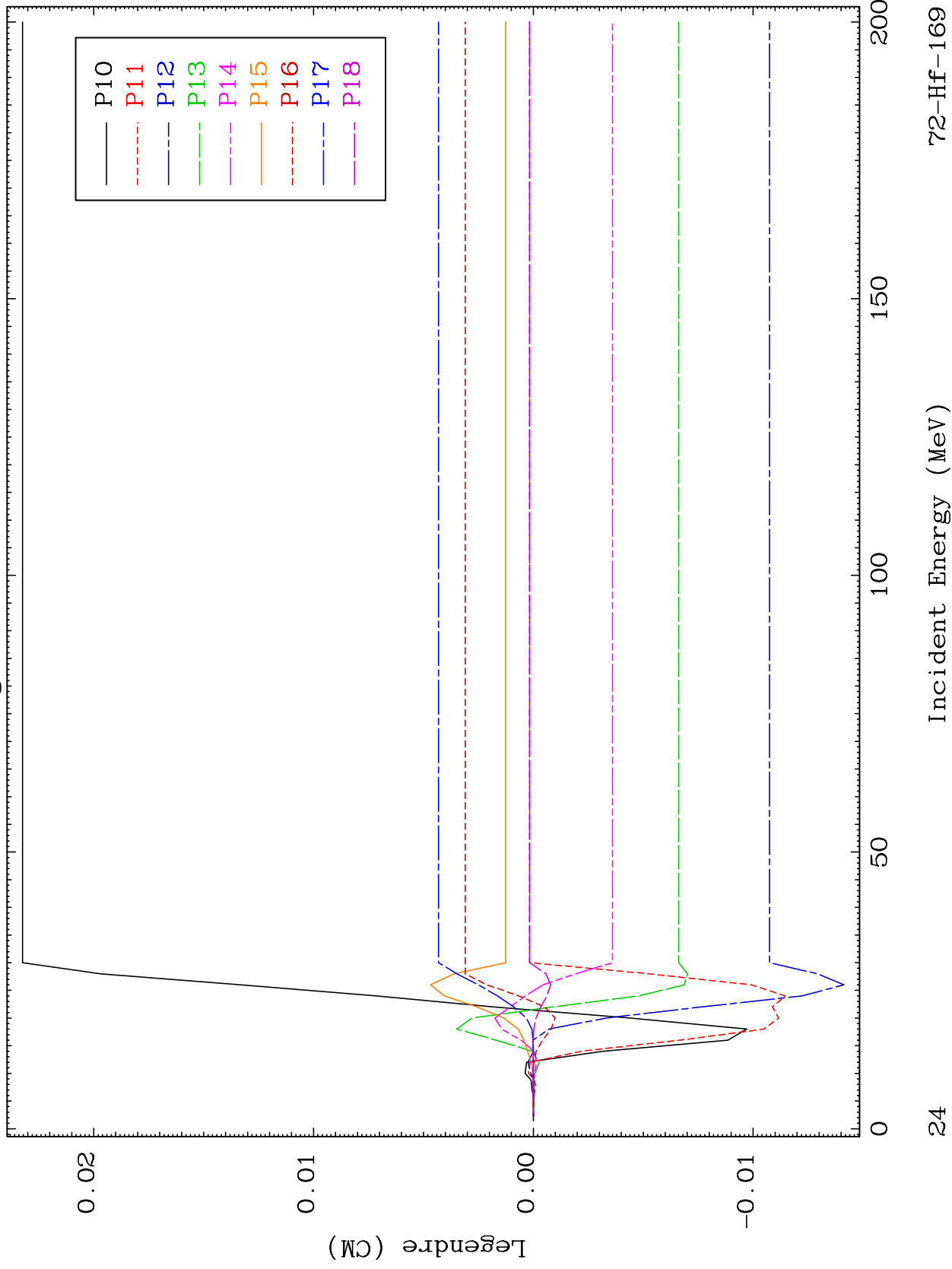
Incident Energy (MeV)

72-Hf-169

MAT 7210

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

72-Hf-169



72-Hf-169

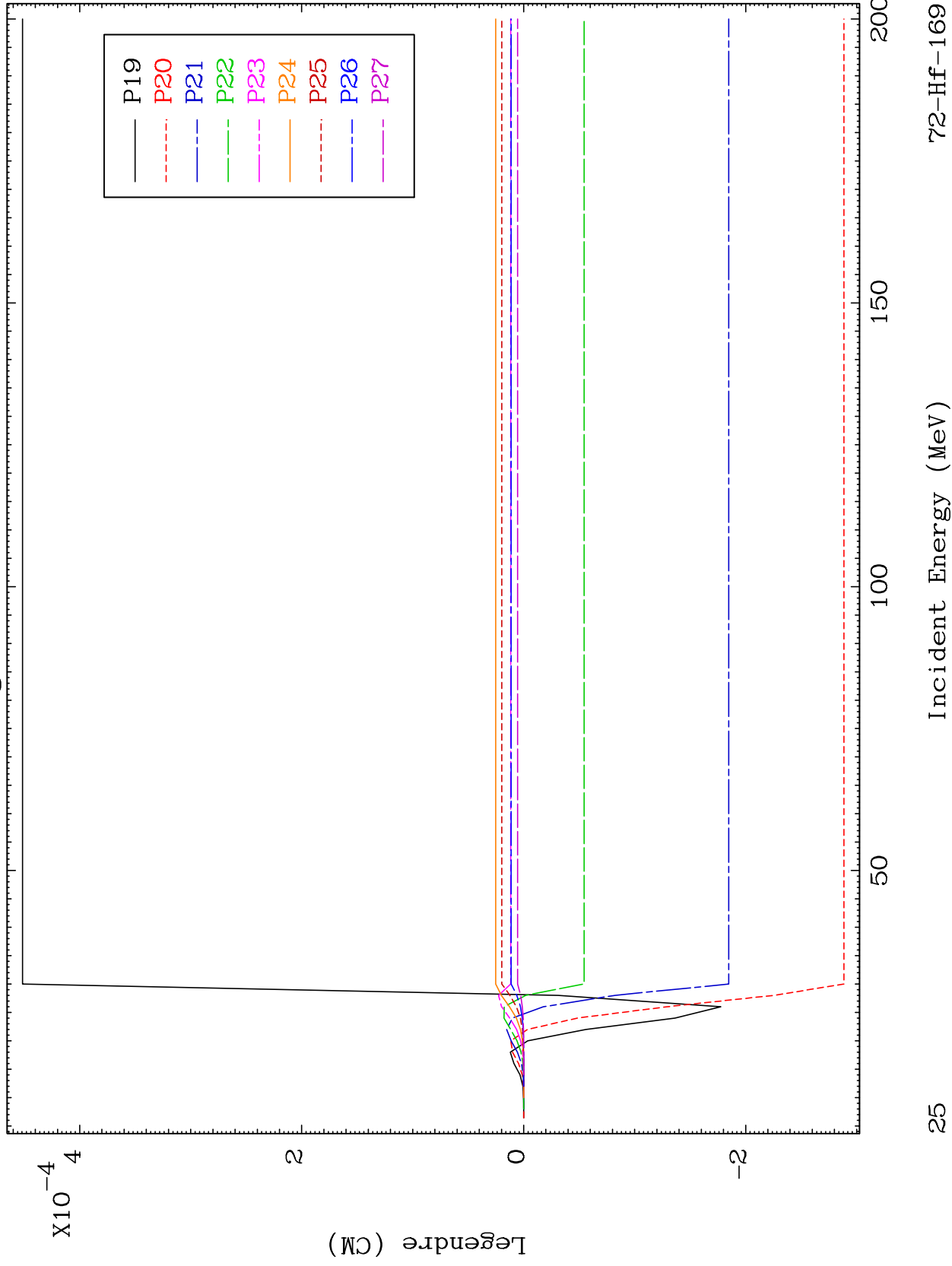
Incident Energy (MeV)

24

MAT 7210

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

72-Hf-169



25

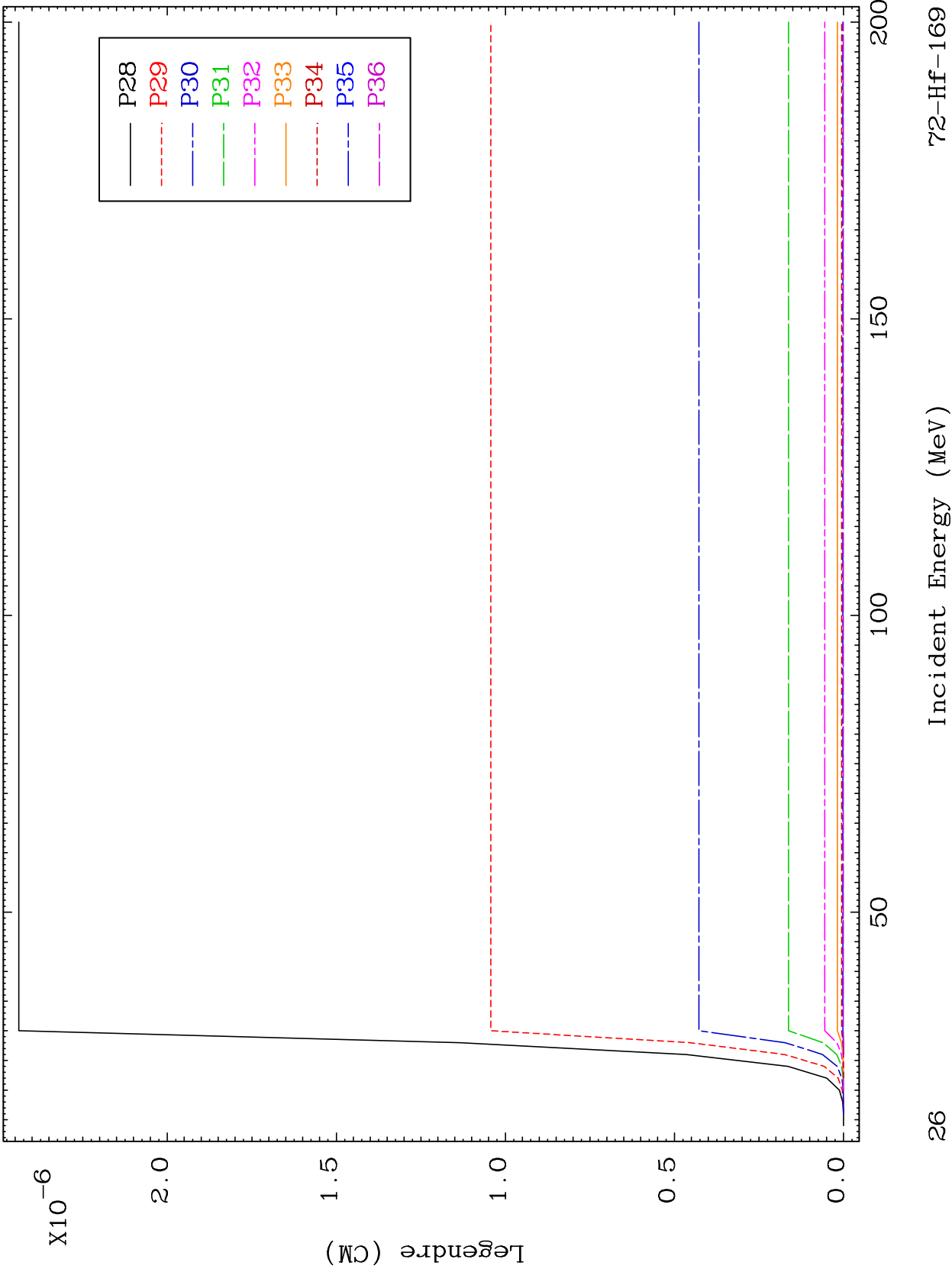
Incident Energy (MeV)

72-Hf-169

MAT 7210

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

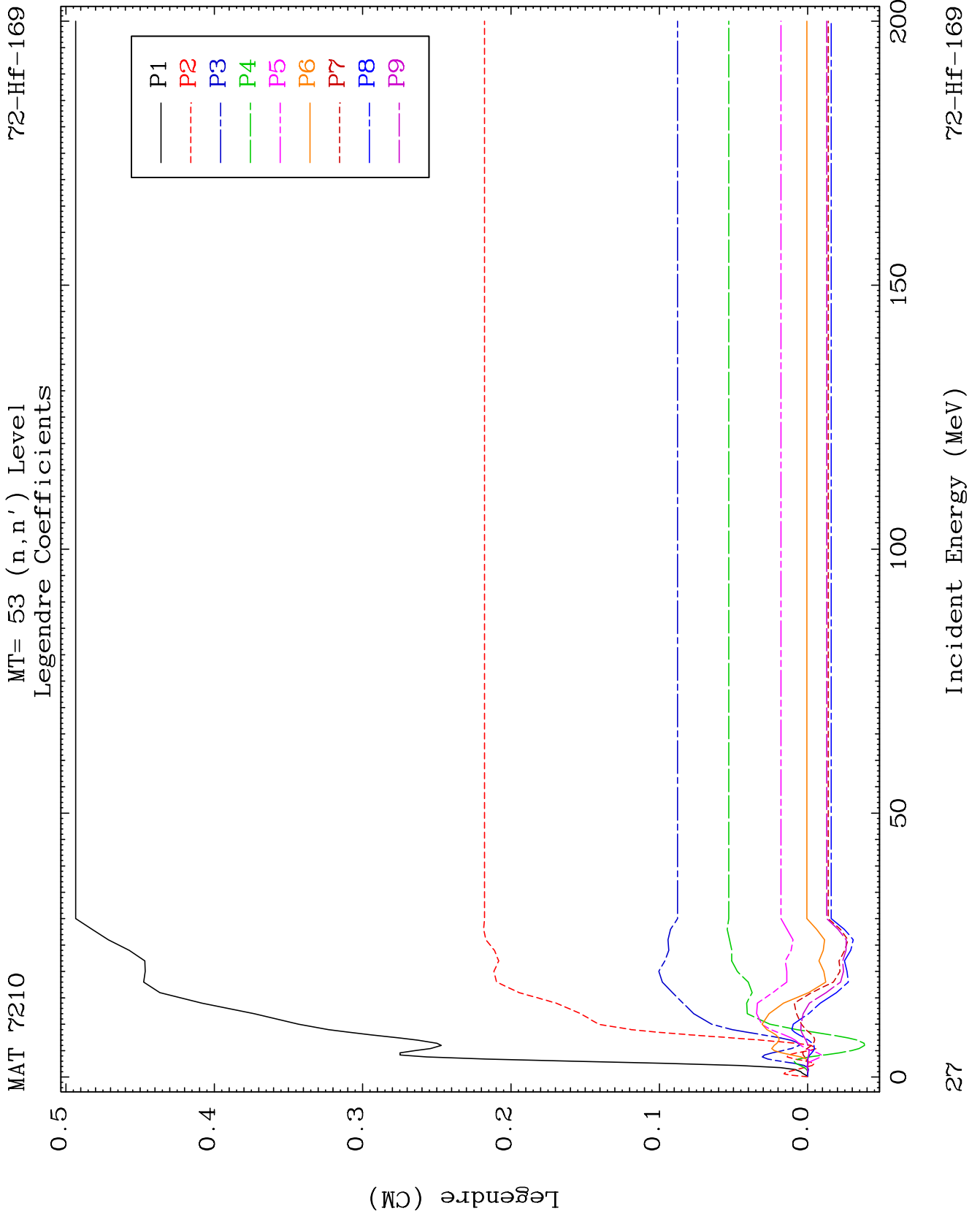
72-Hf-169



26

Incident Energy (MeV)

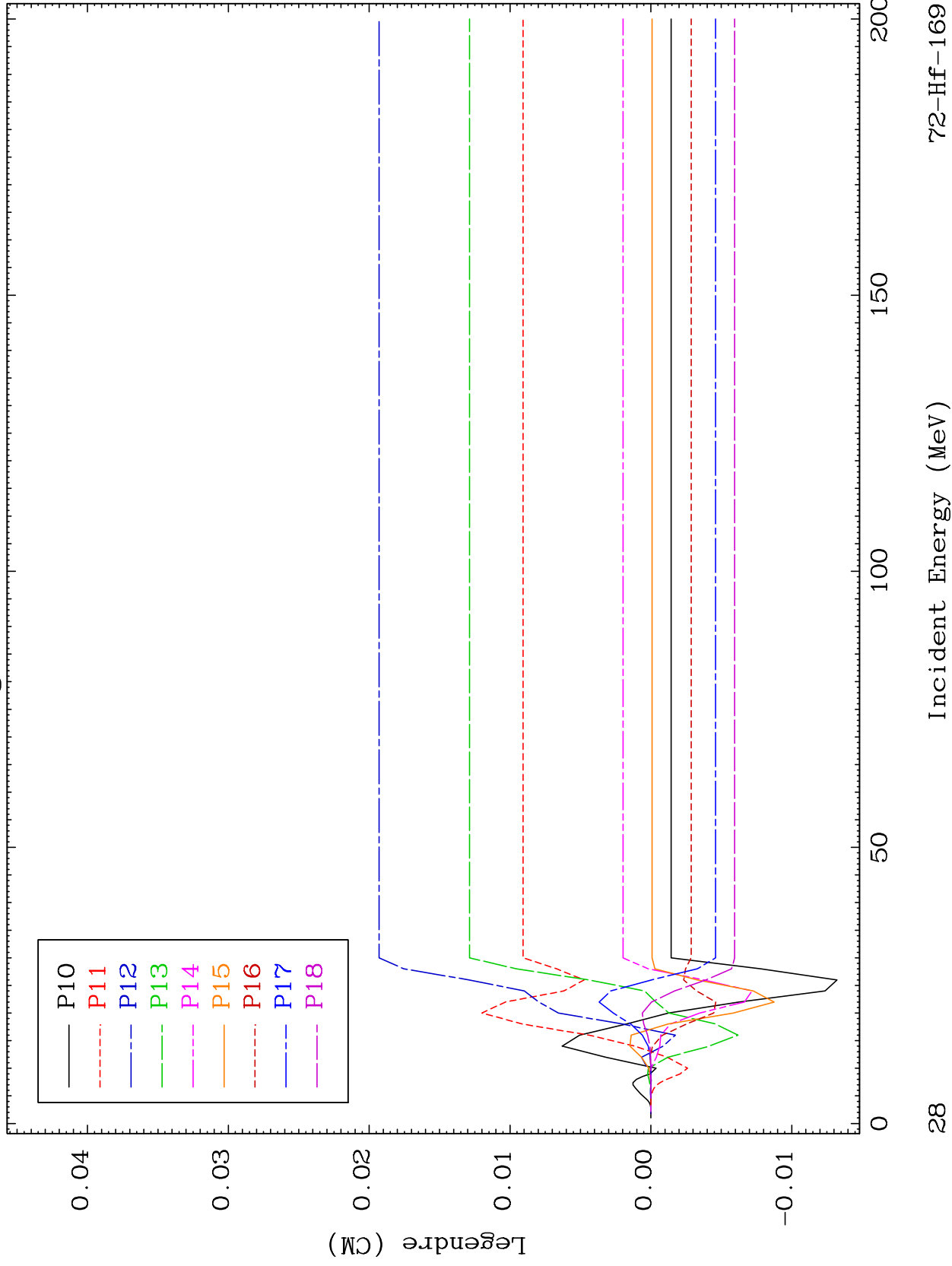
72-Hf-169



MAT 7210

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

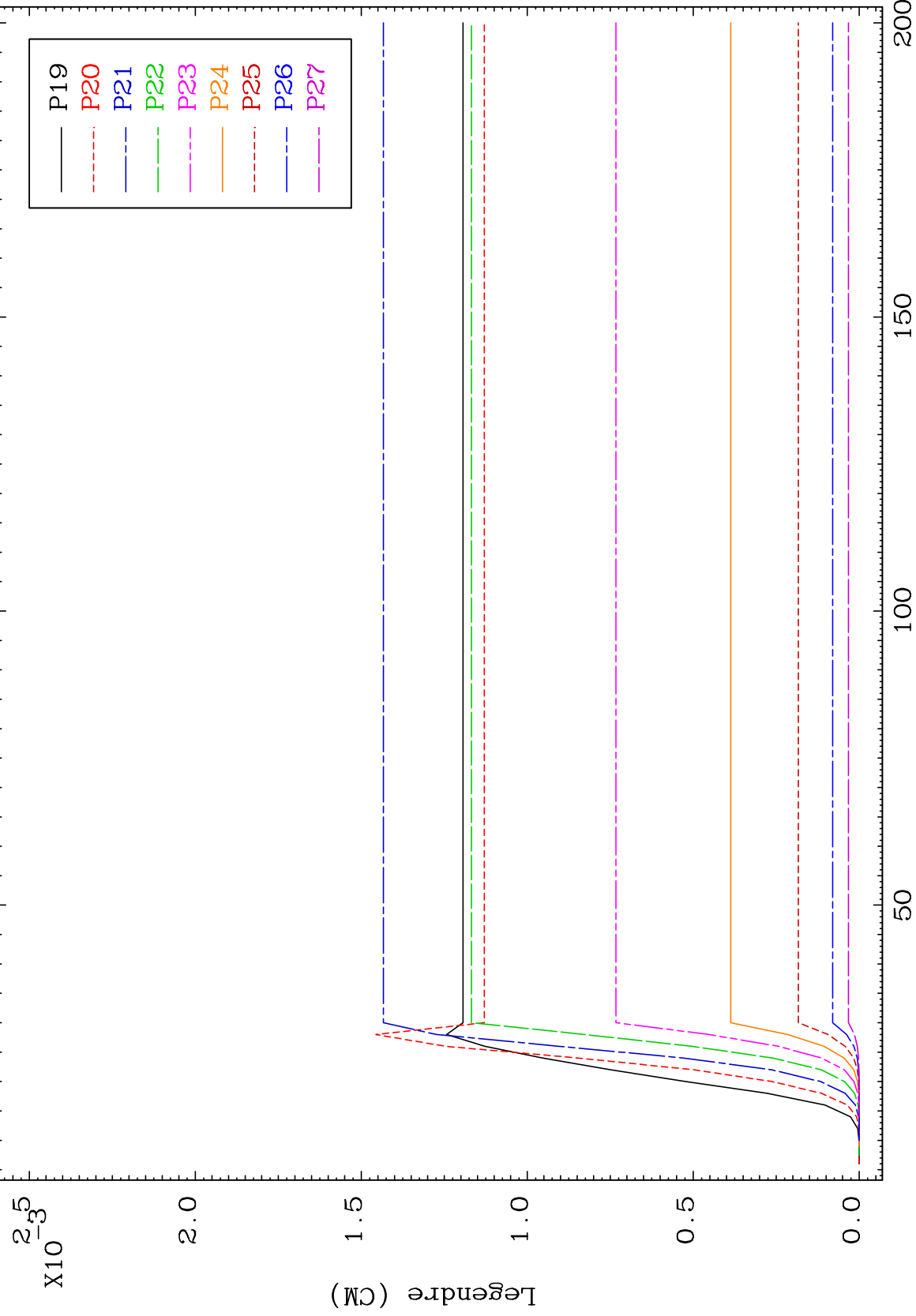
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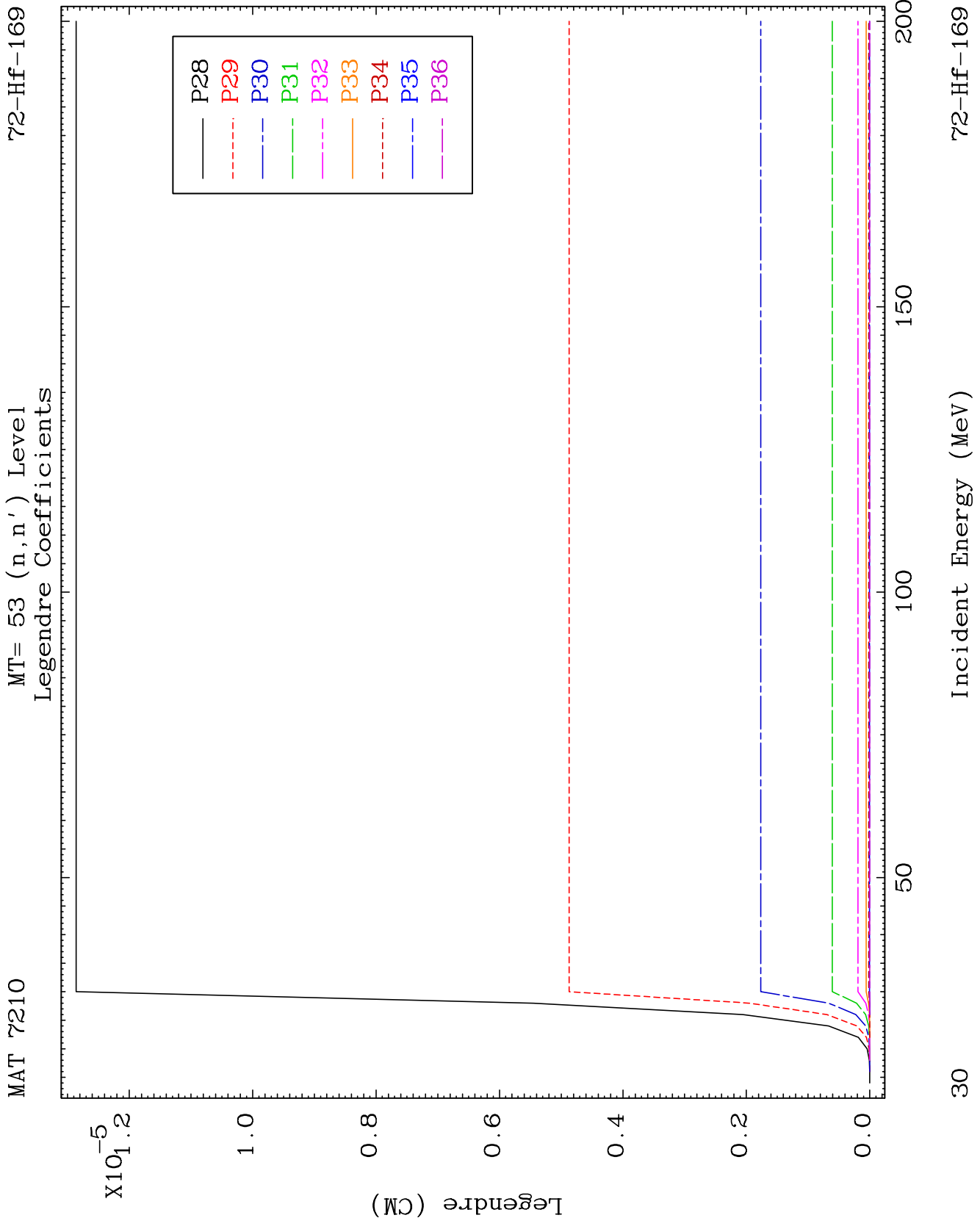


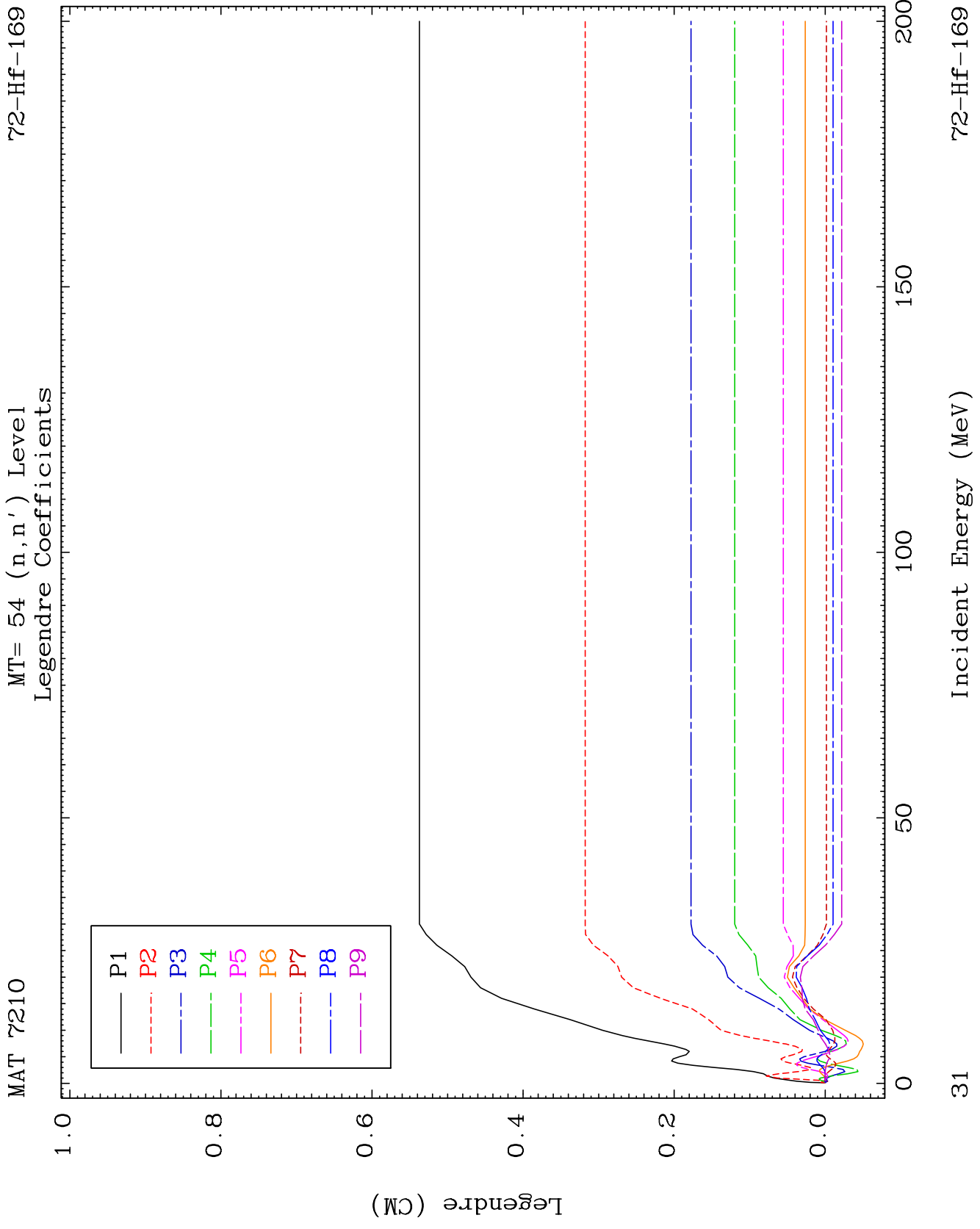
72-Hf-169

Incident Energy (MeV)

28



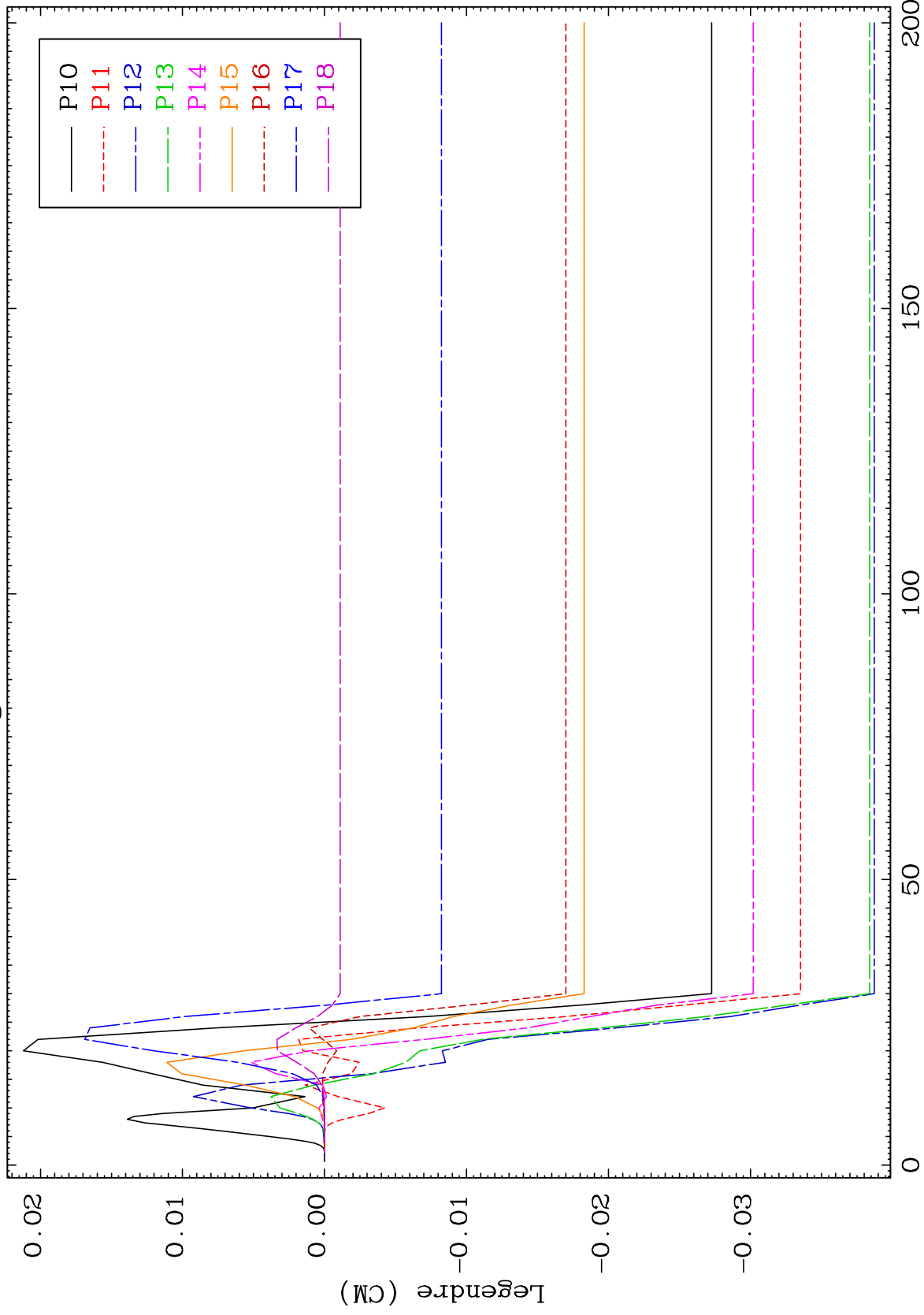




MAT 7210

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

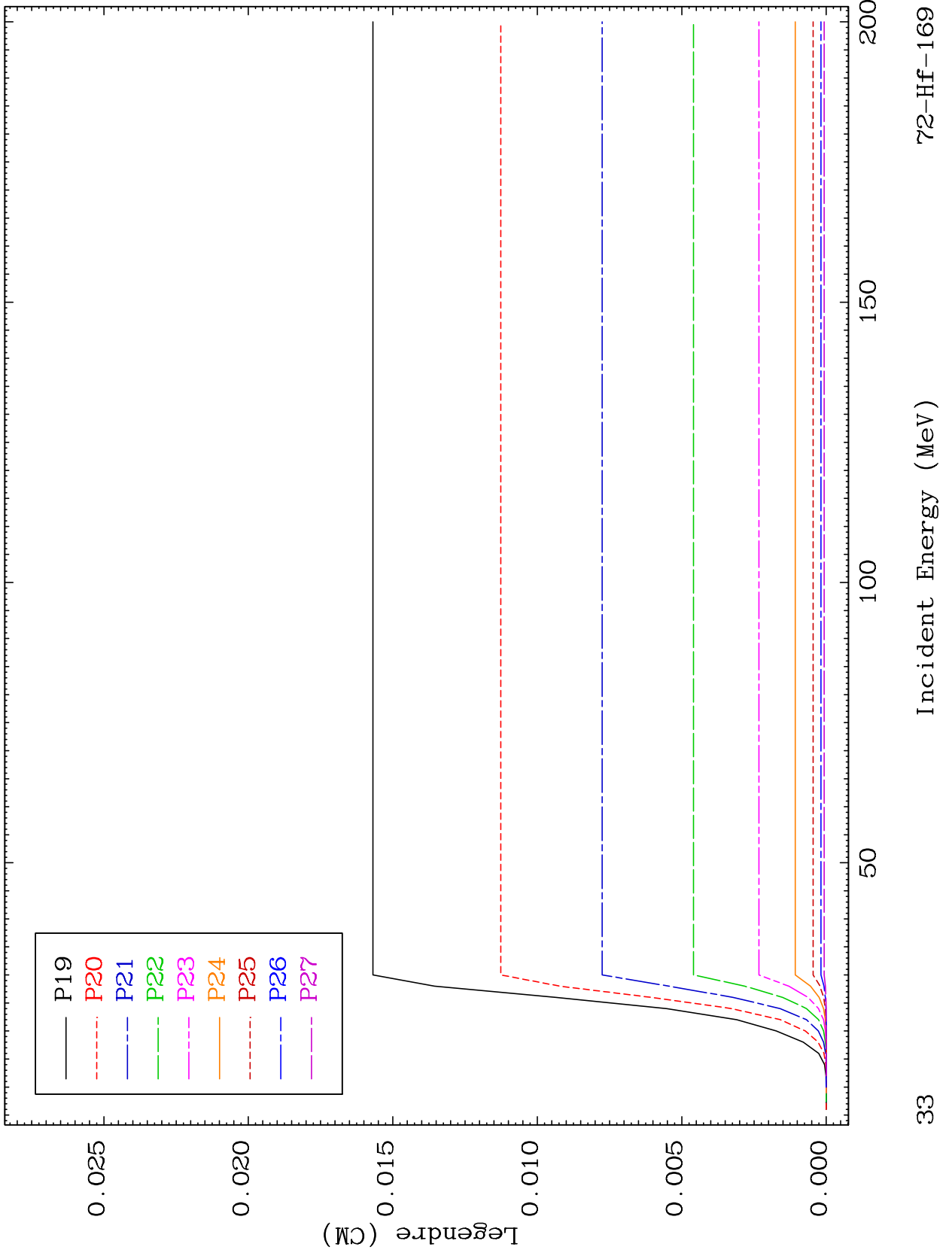
72-Hf-169



32

Incident Energy (MeV)

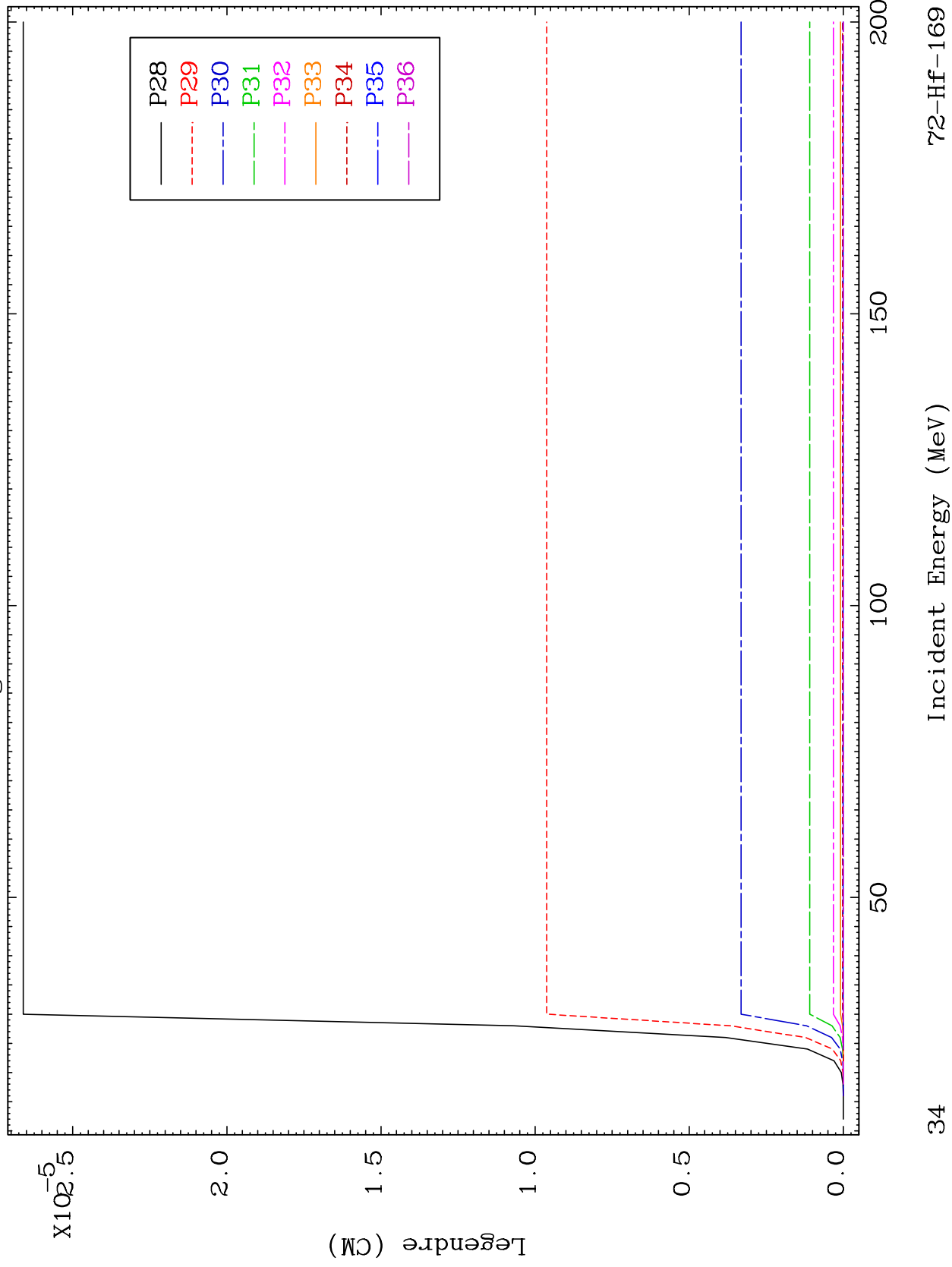
72-Hf-169



MAT 7210

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

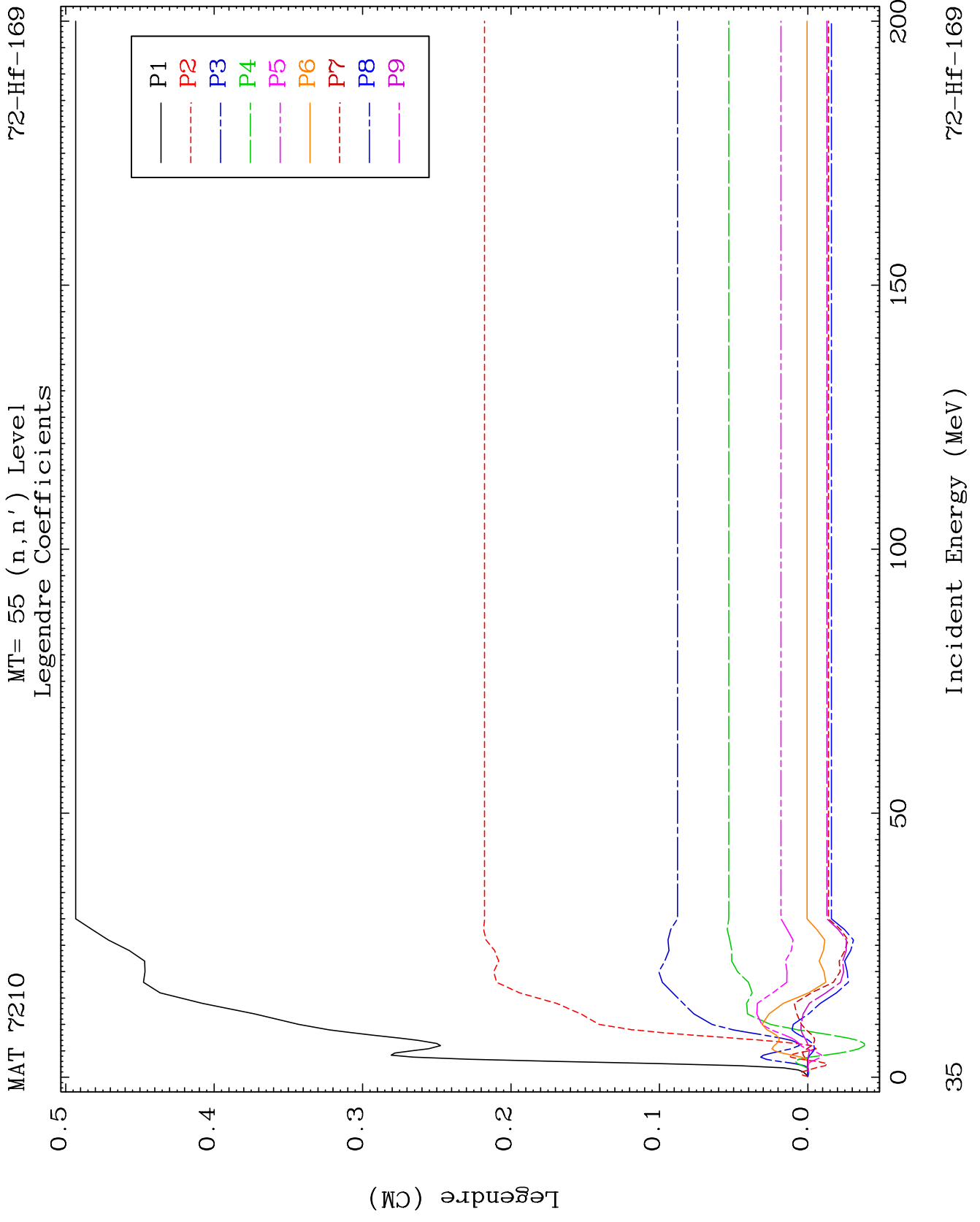
72-Hf-169



34

Incident Energy (MeV)

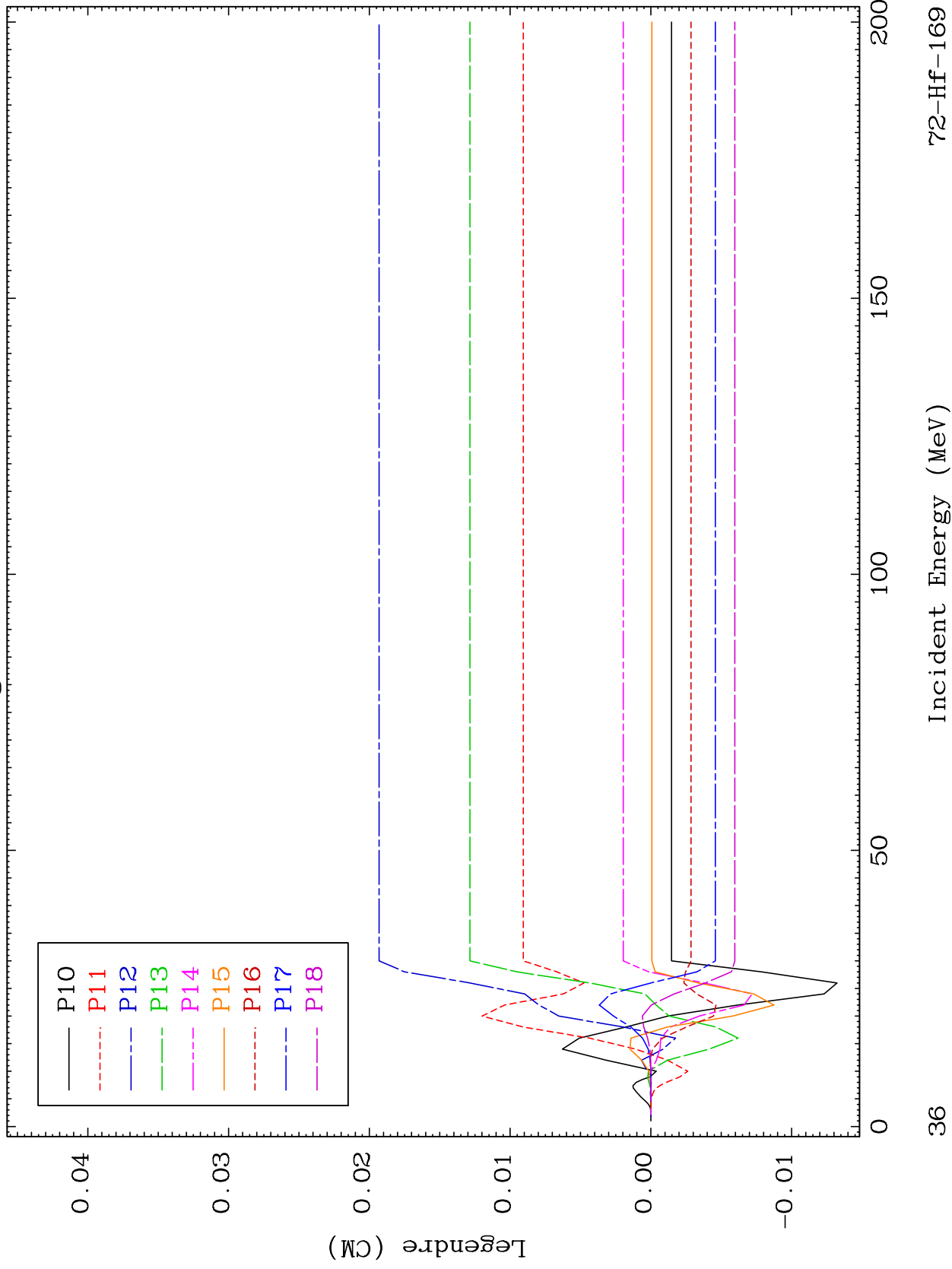
72-Hf-169



MAT 7210

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

72-Hf-169



36

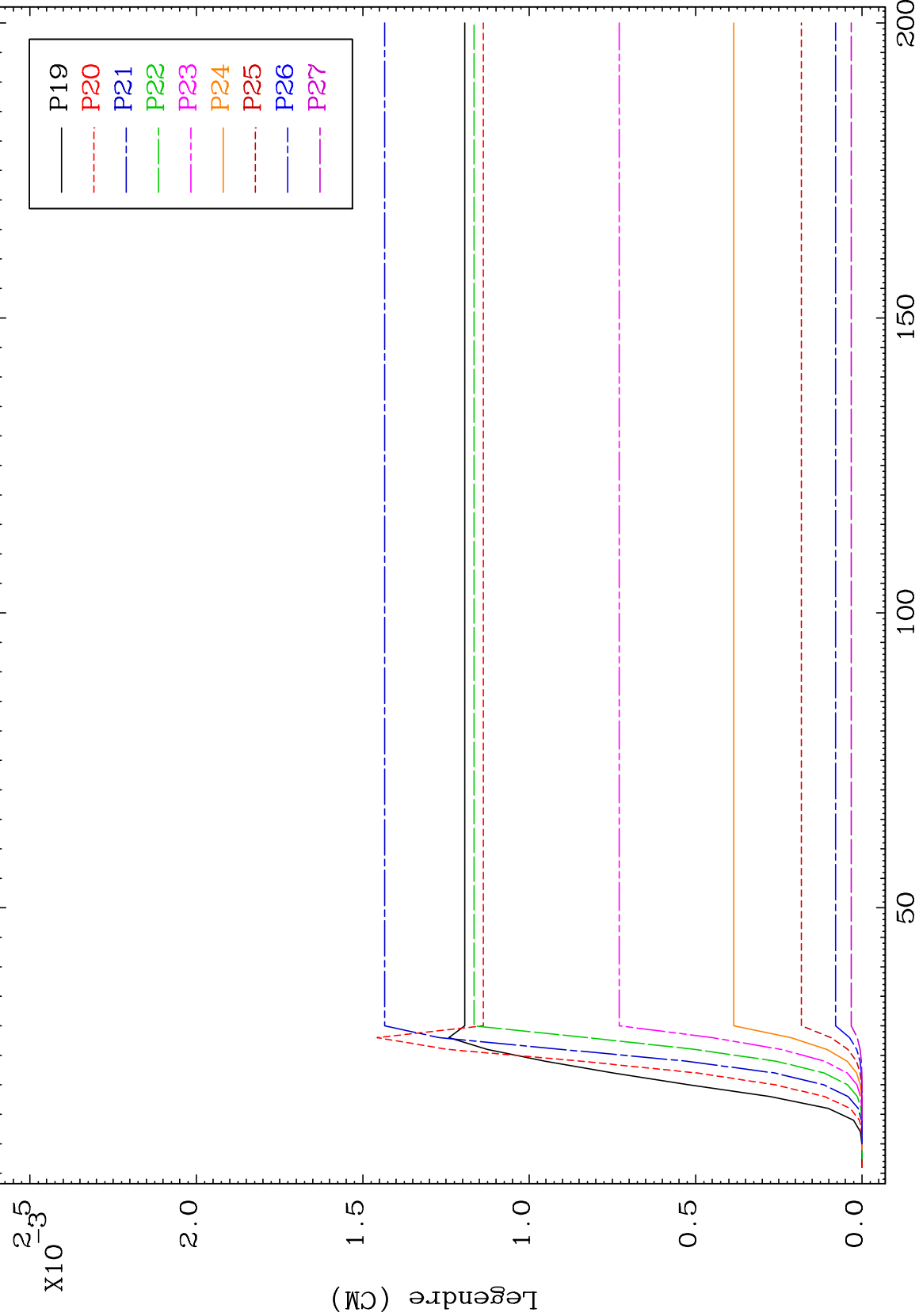
Incident Energy (MeV)

72-Hf-169

MAT 7210

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

72-Hf-169



37

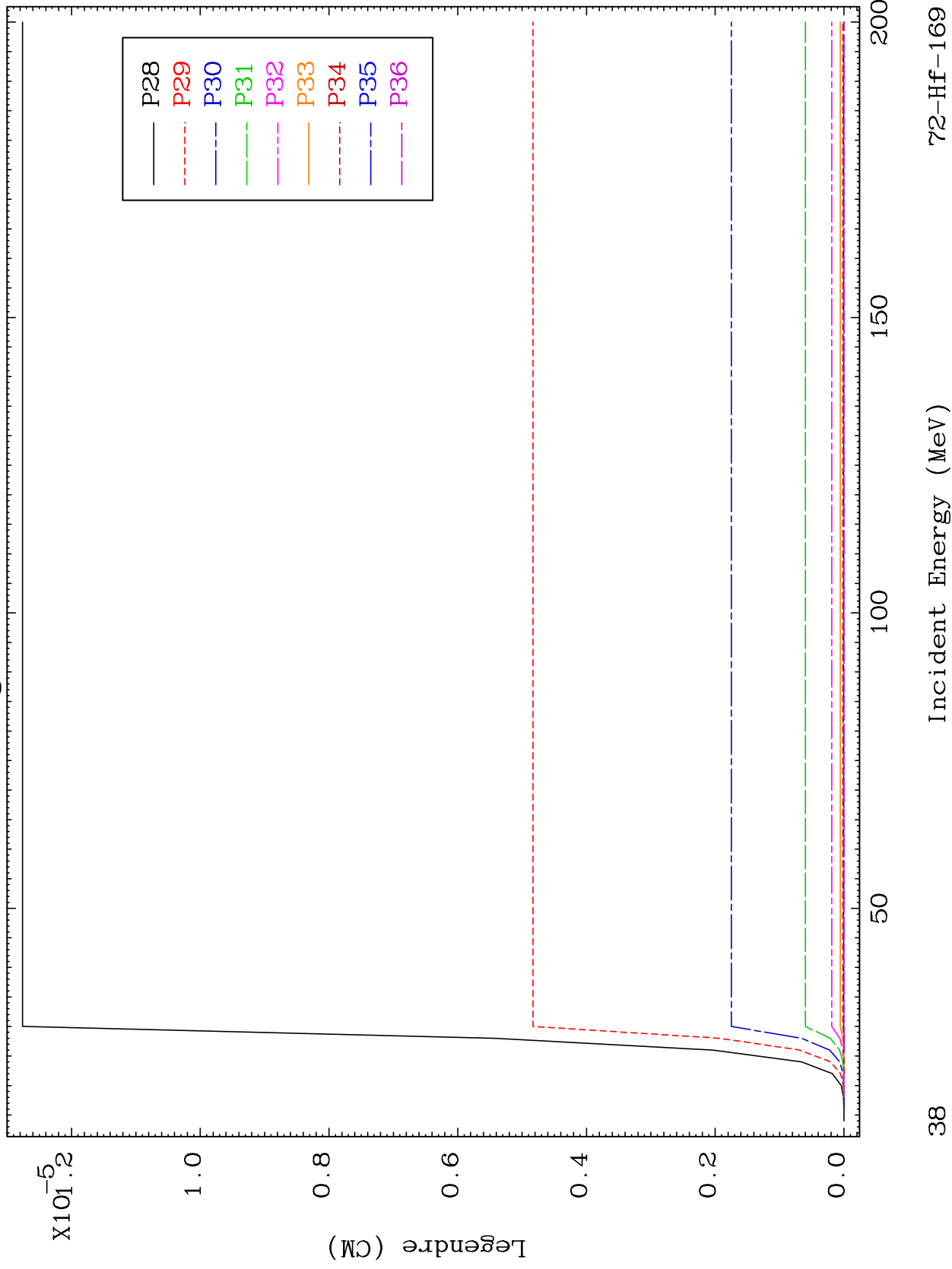
Incident Energy (MeV)

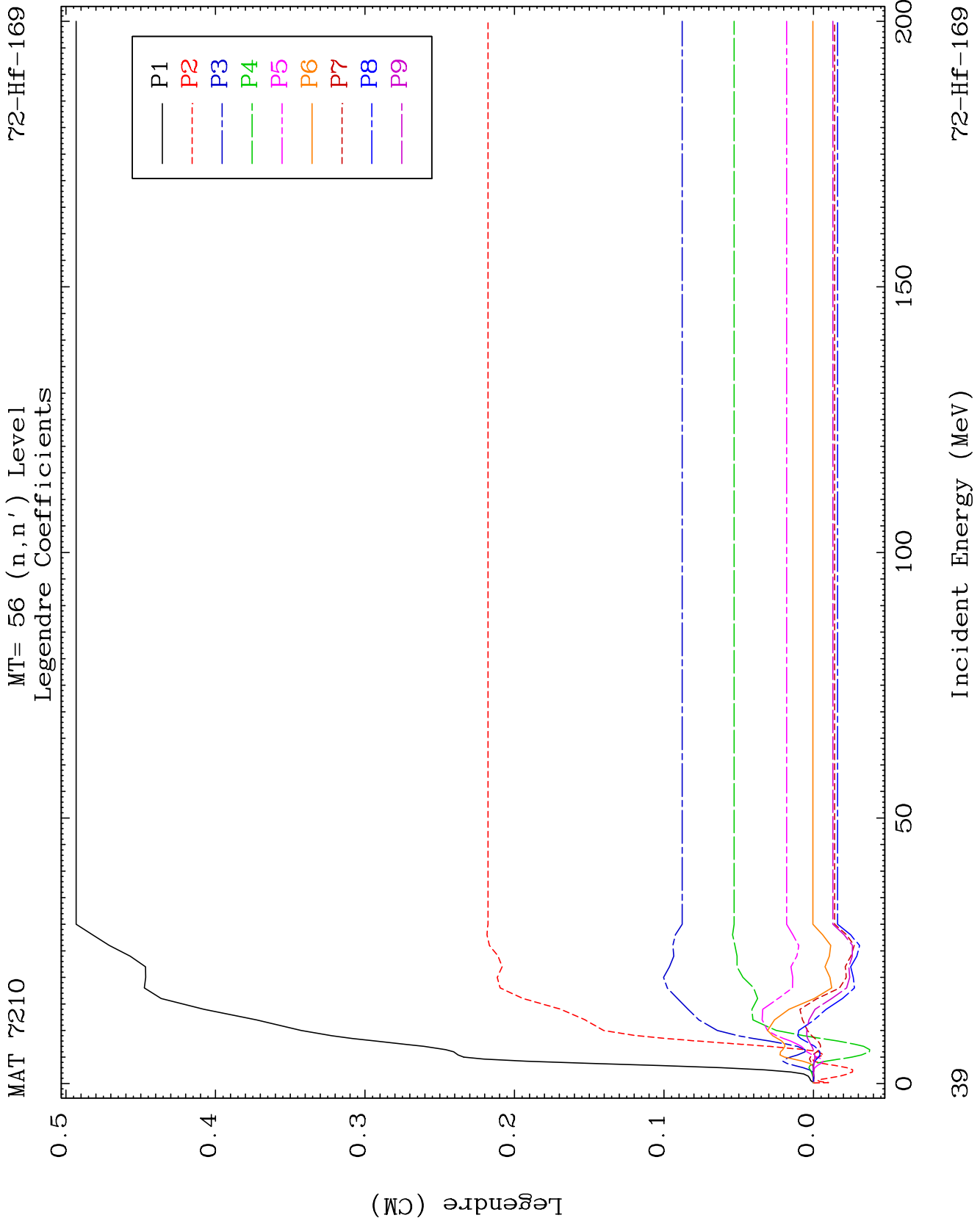
72-Hf-169

MAT 7210

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

72-Hf-169

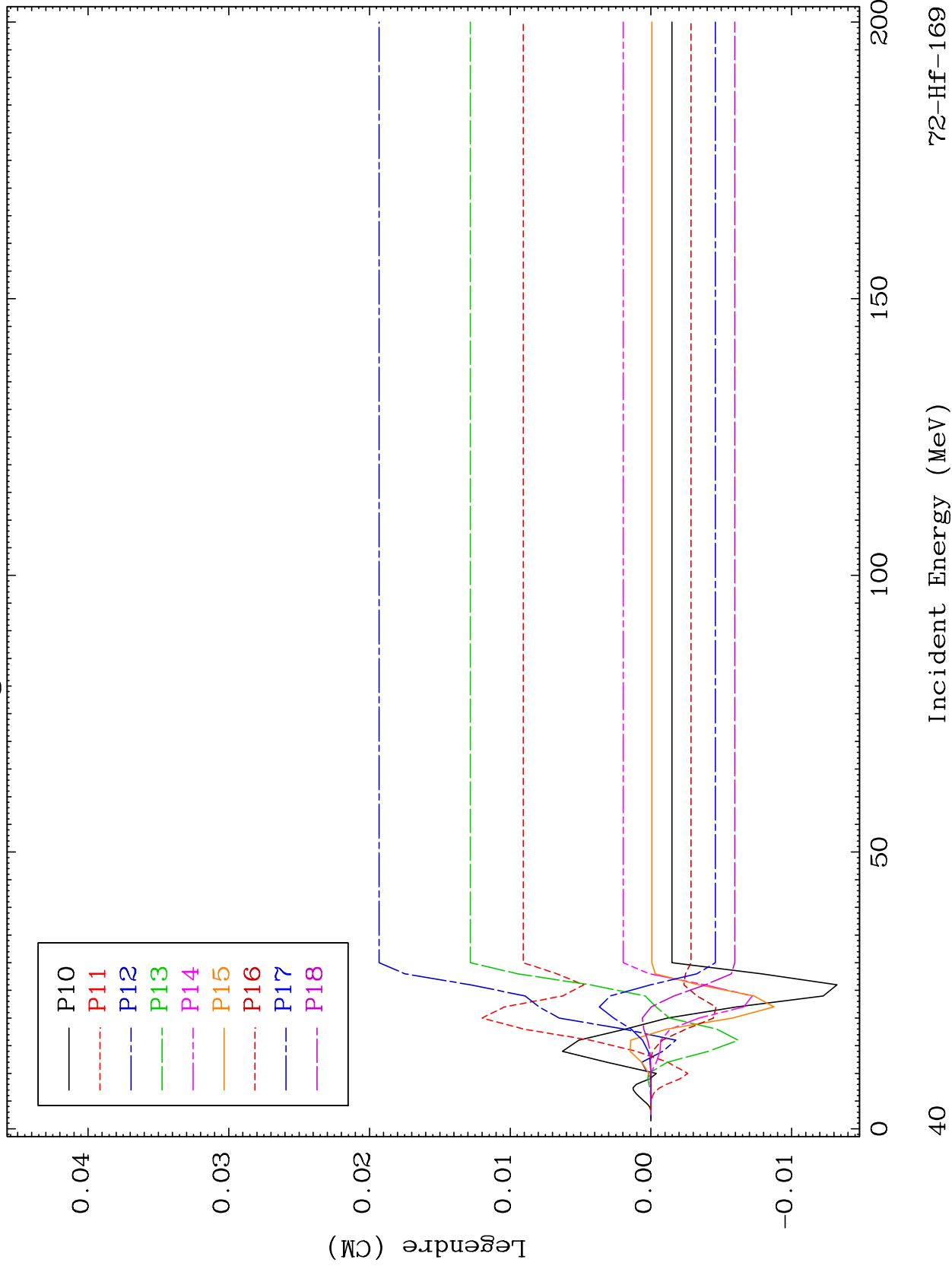




MAT 7210

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

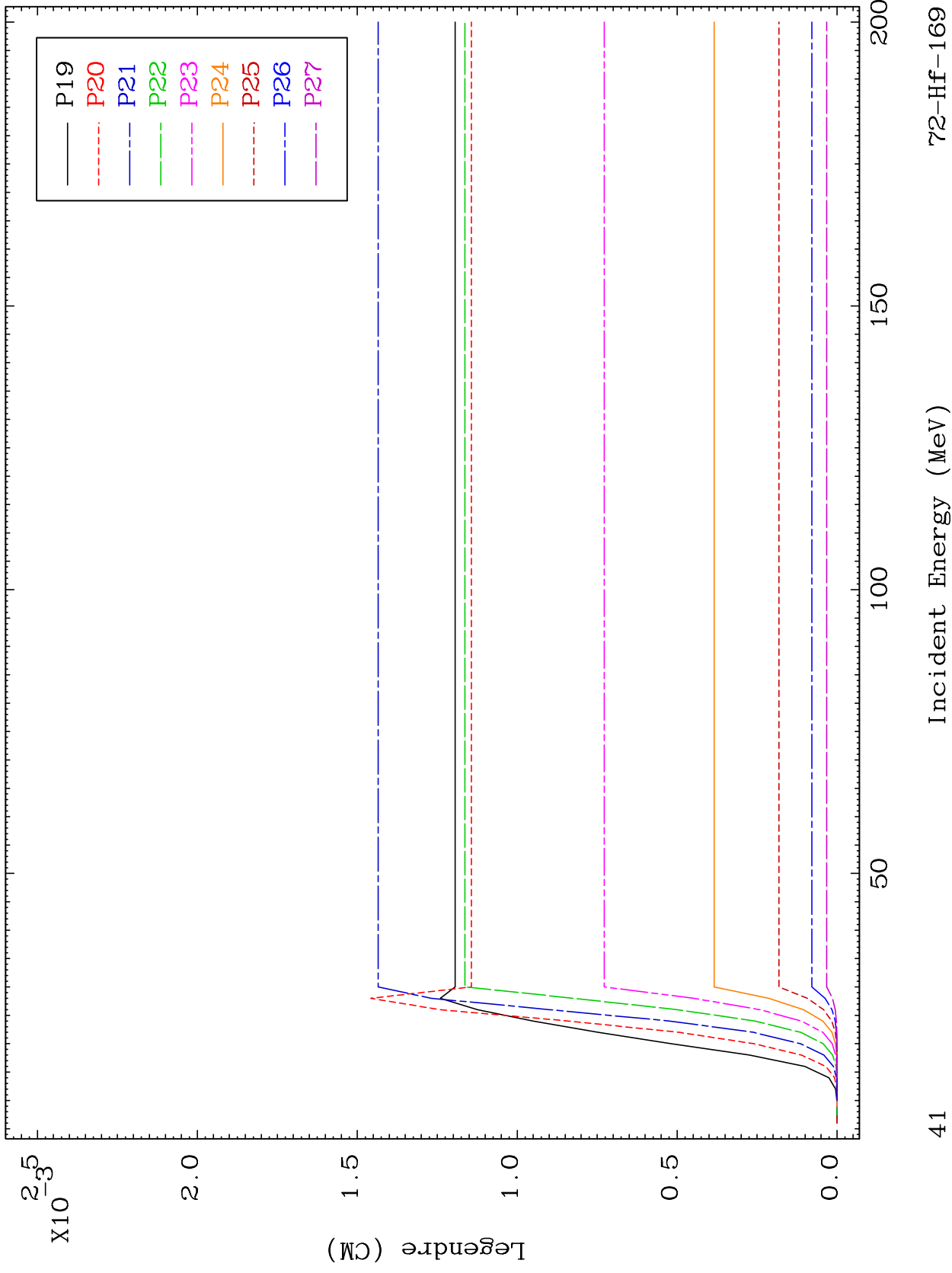
72-Hf-169



MAT 7210

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

72-Hf-169



41

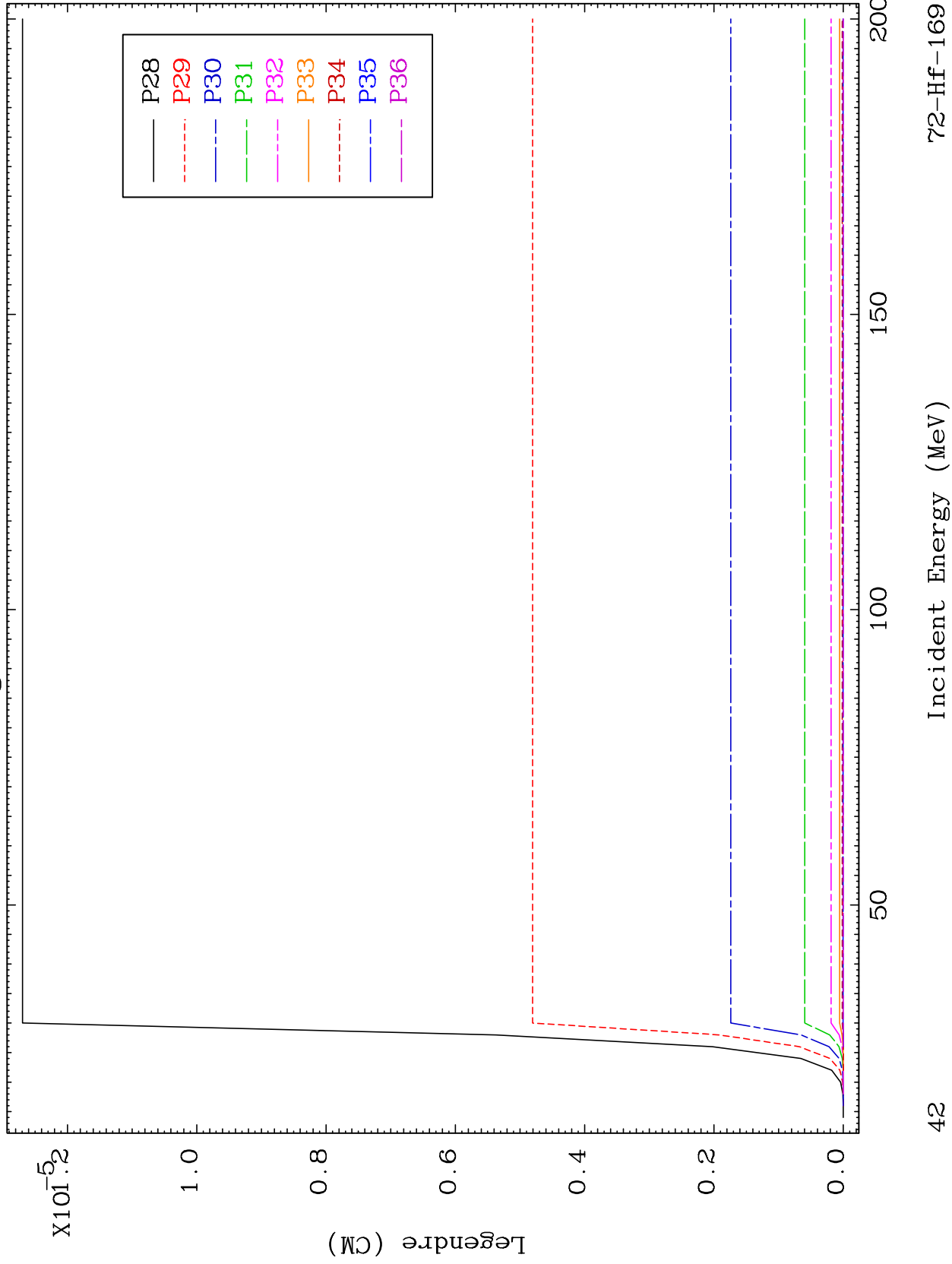
Incident Energy (MeV)

72-Hf-169

MAT 7210

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

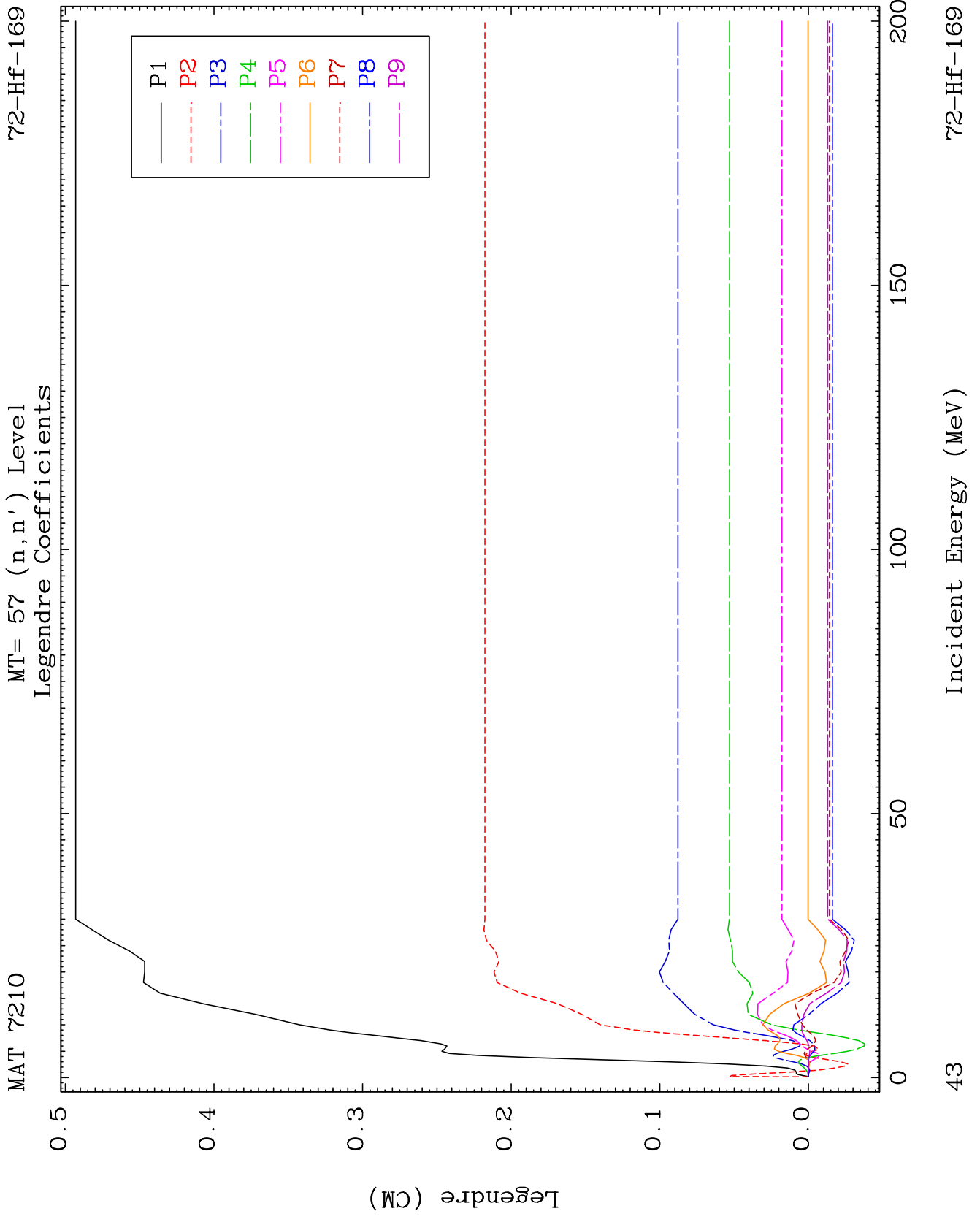
72-Hf-169



42

Incident Energy (MeV)

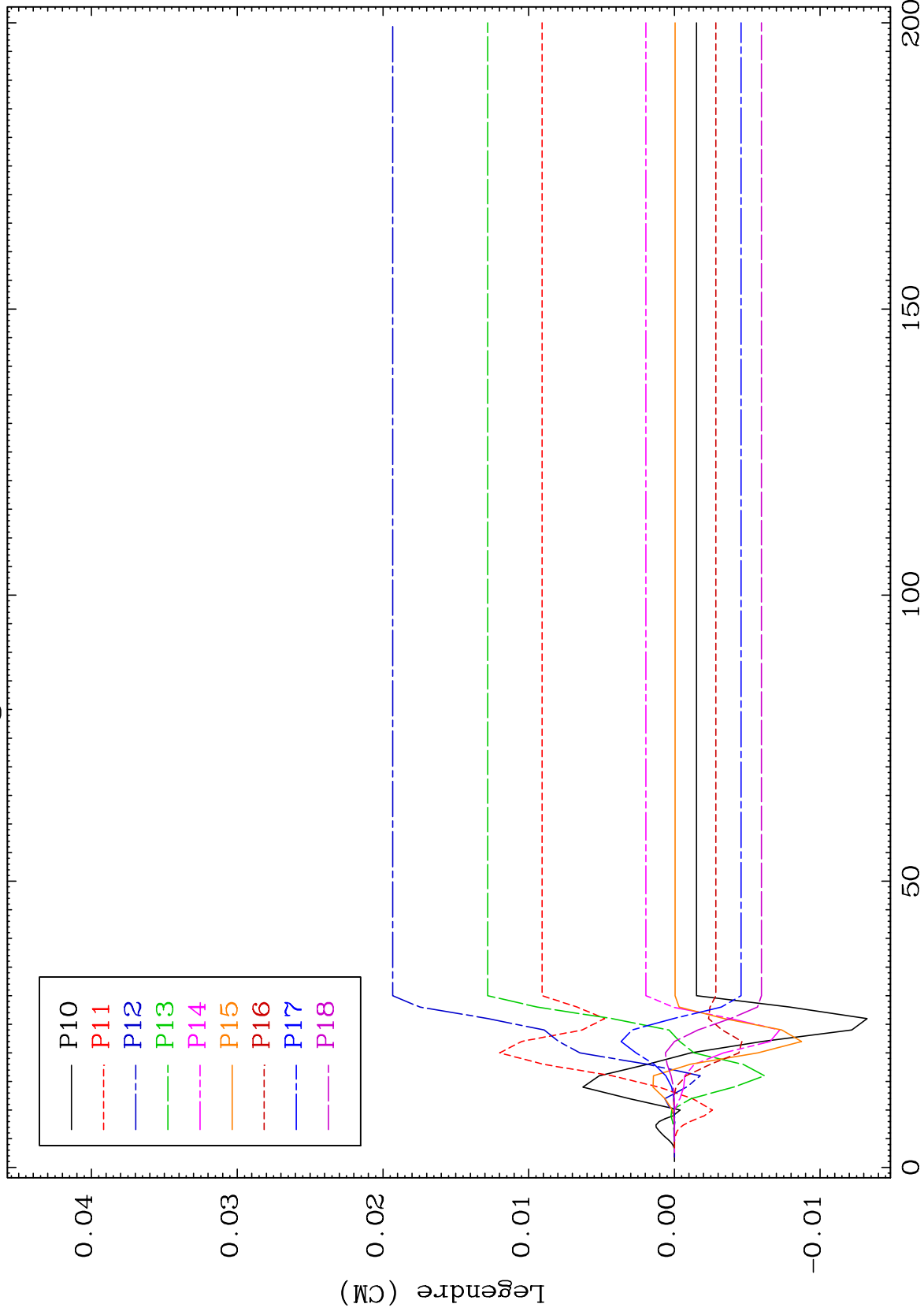
72-Hf-169



MAT 7210

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

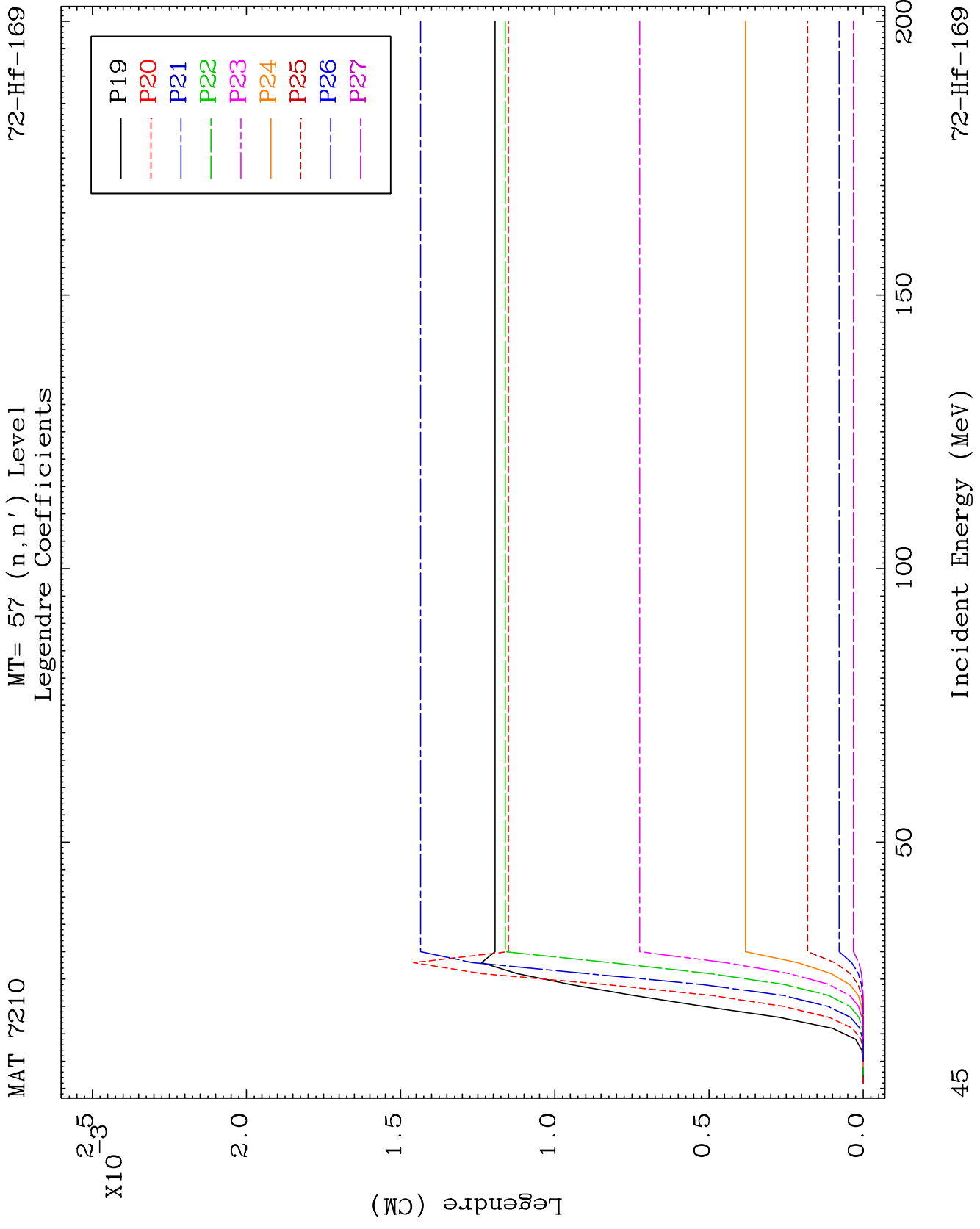
72-Hf-169



44

Incident Energy (MeV)

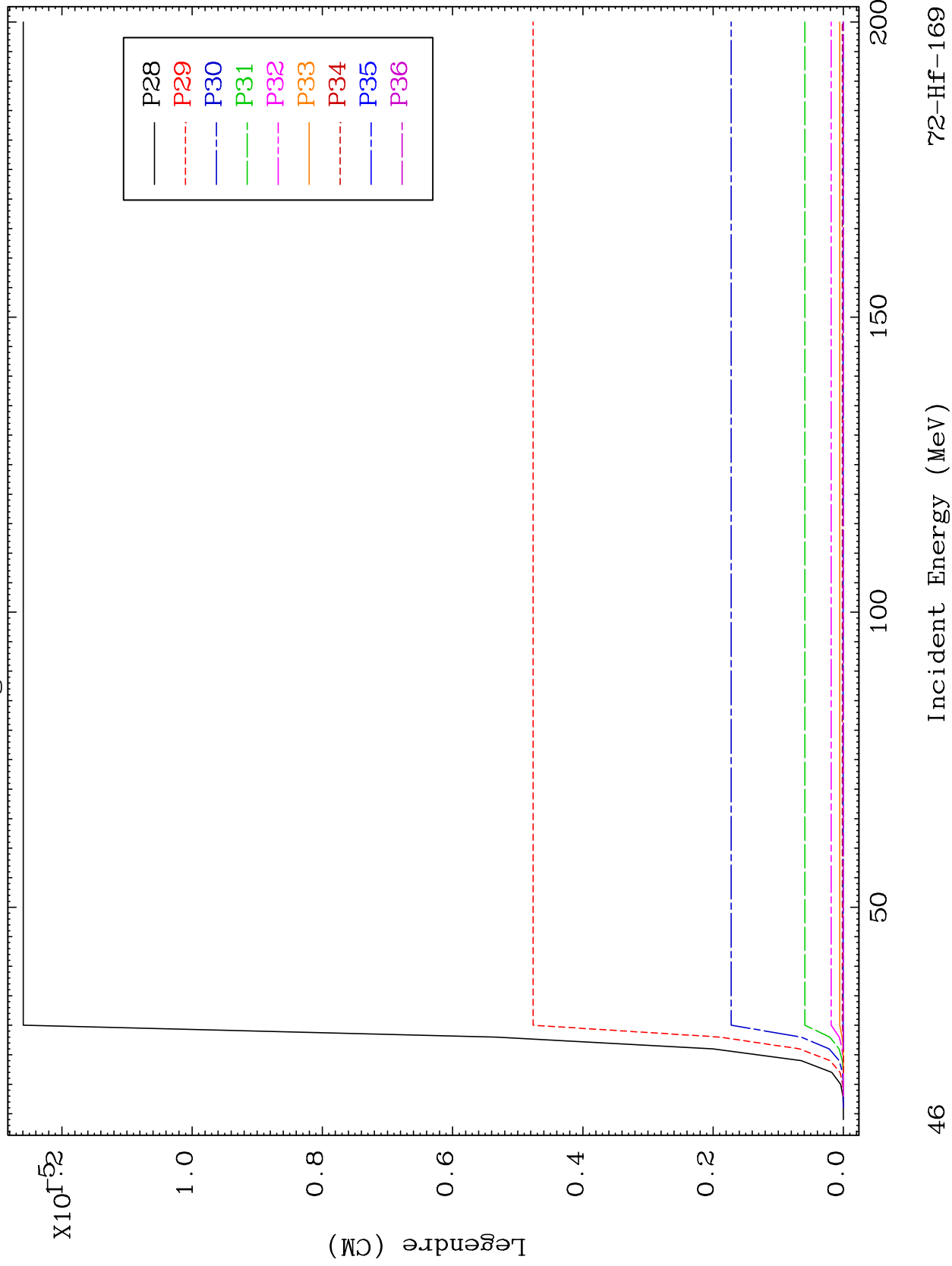
72-Hf-169



MAT 7210

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

72-Hf-169



46

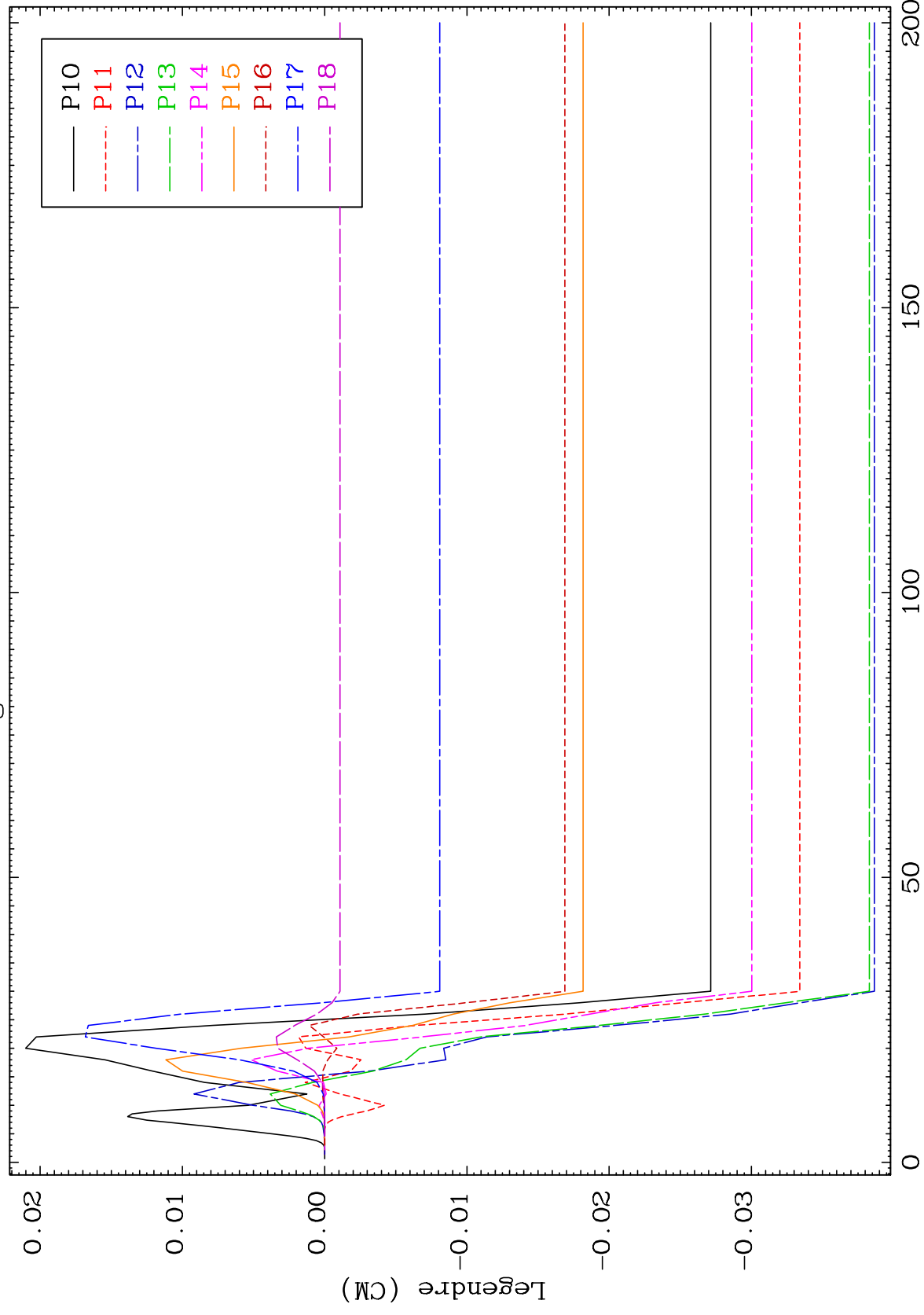
Incident Energy (MeV)

72-Hf-169

MAT 7210

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

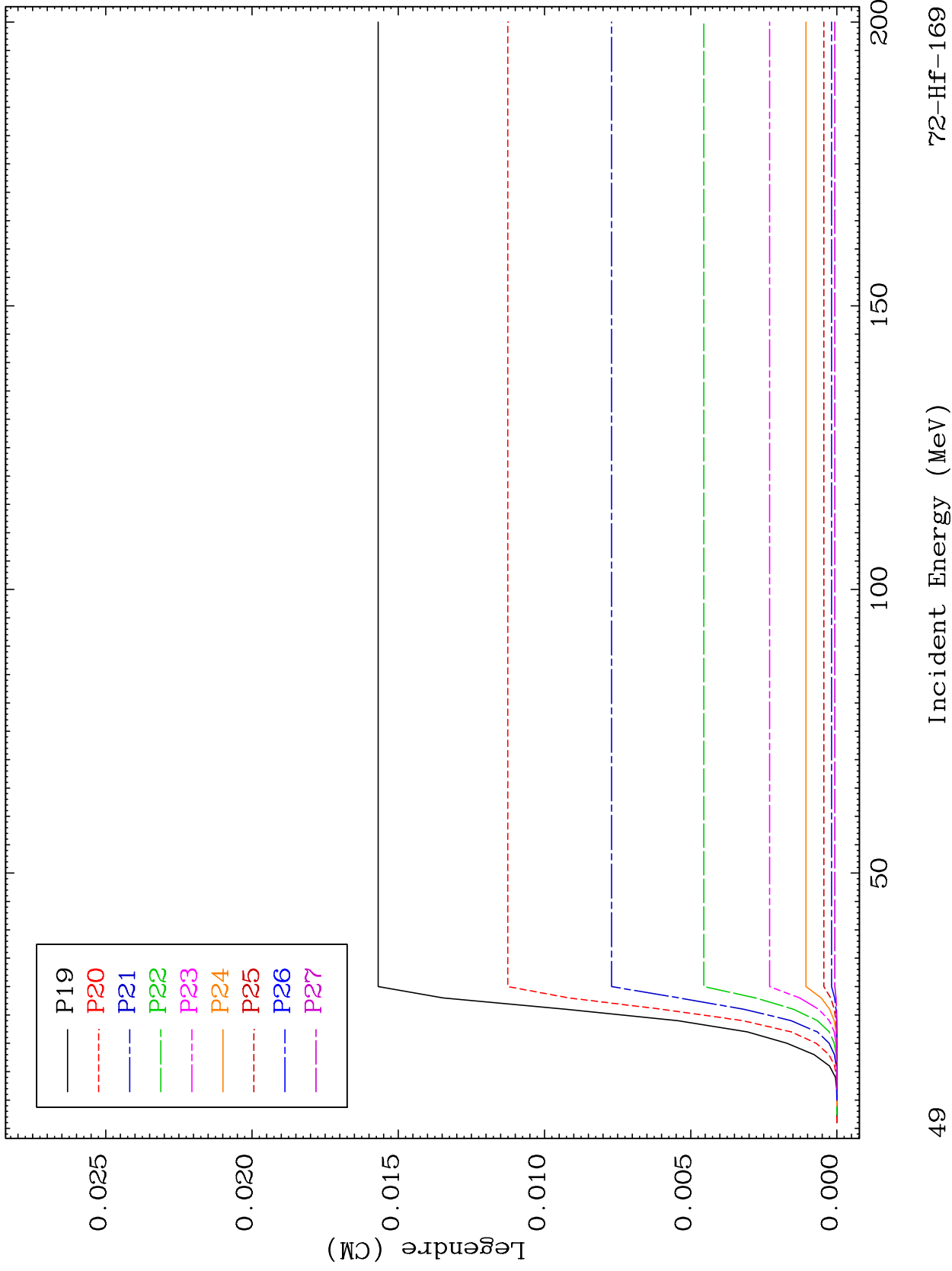
72-Hf-169



48

Incident Energy (MeV)

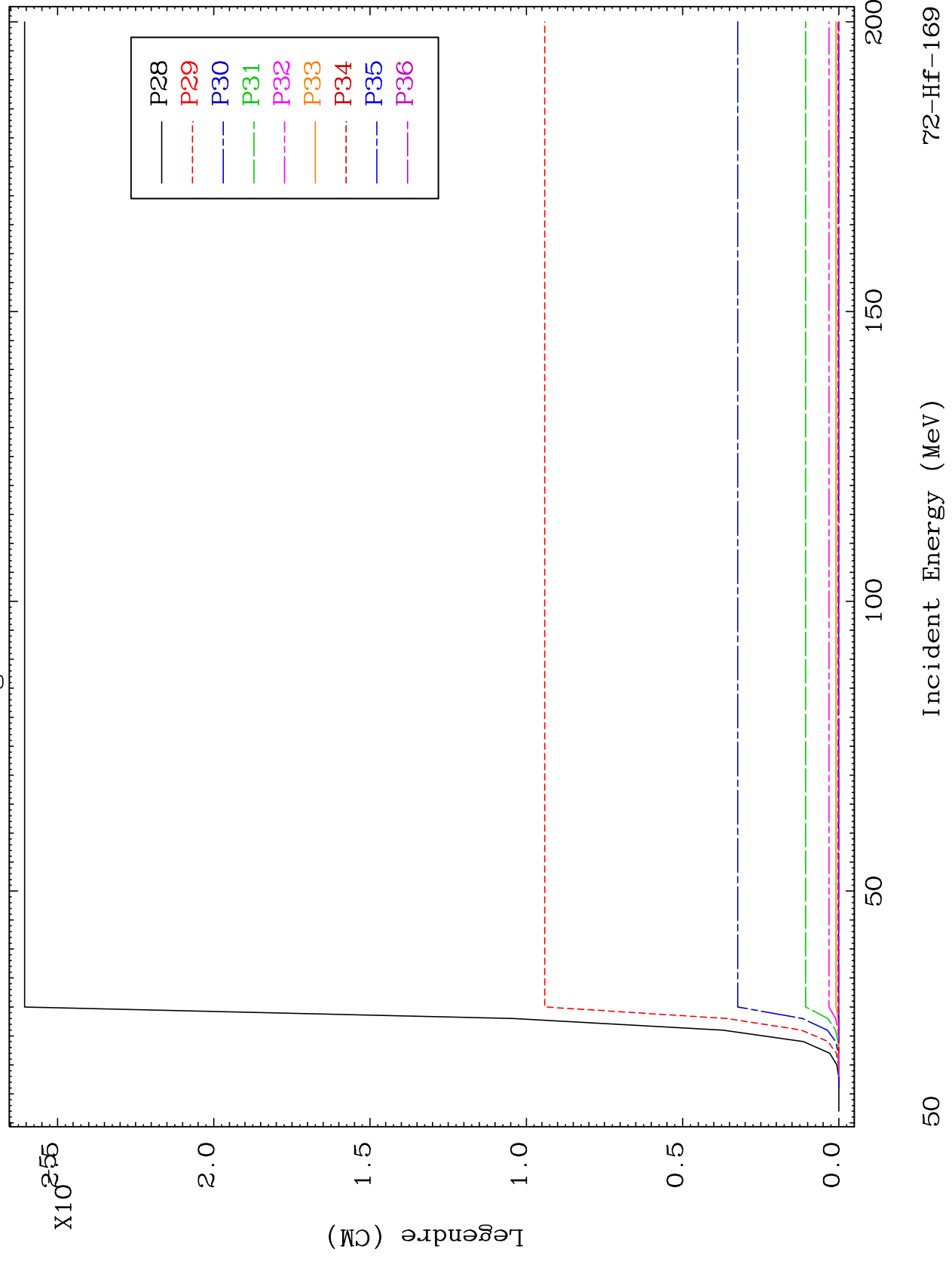
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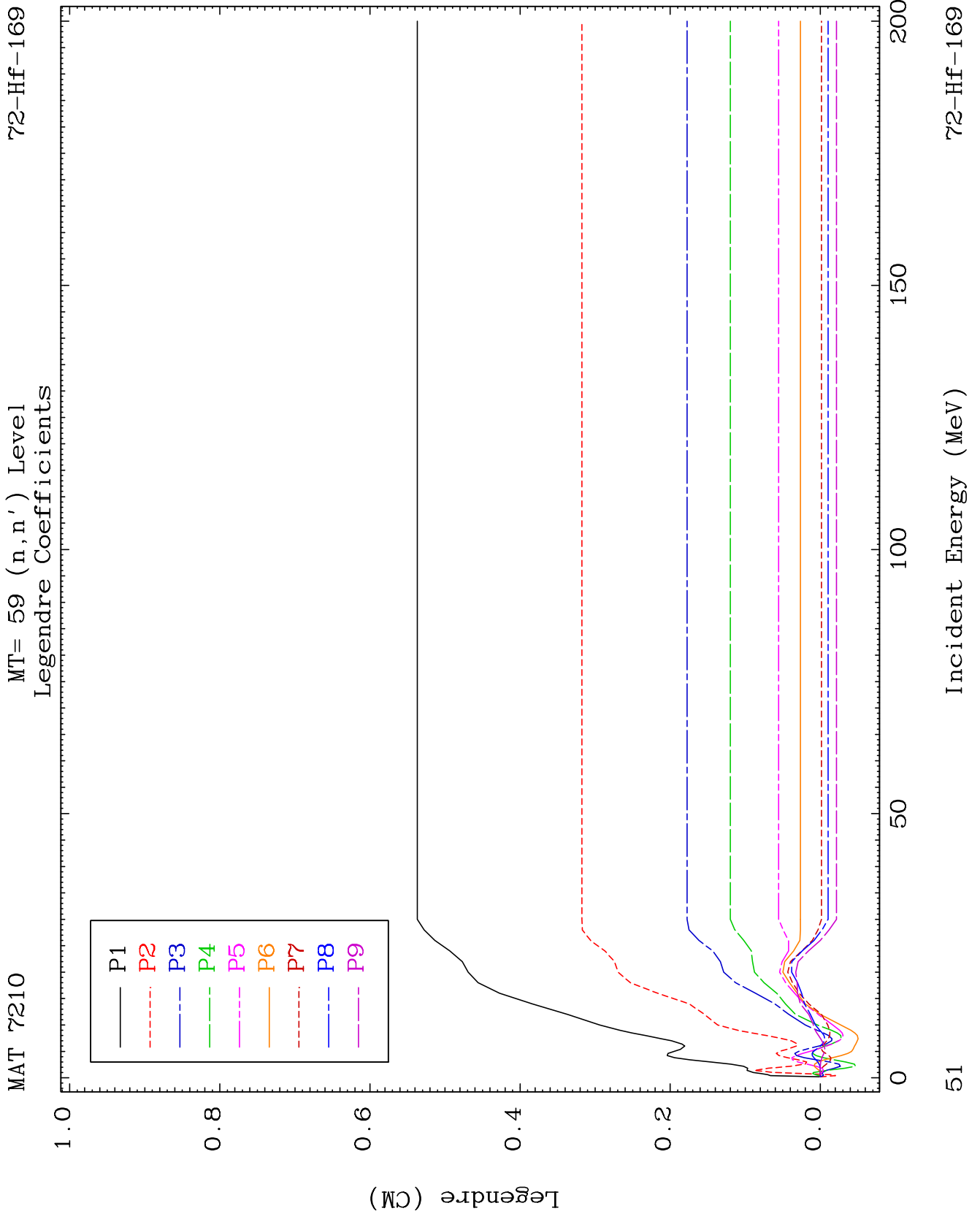


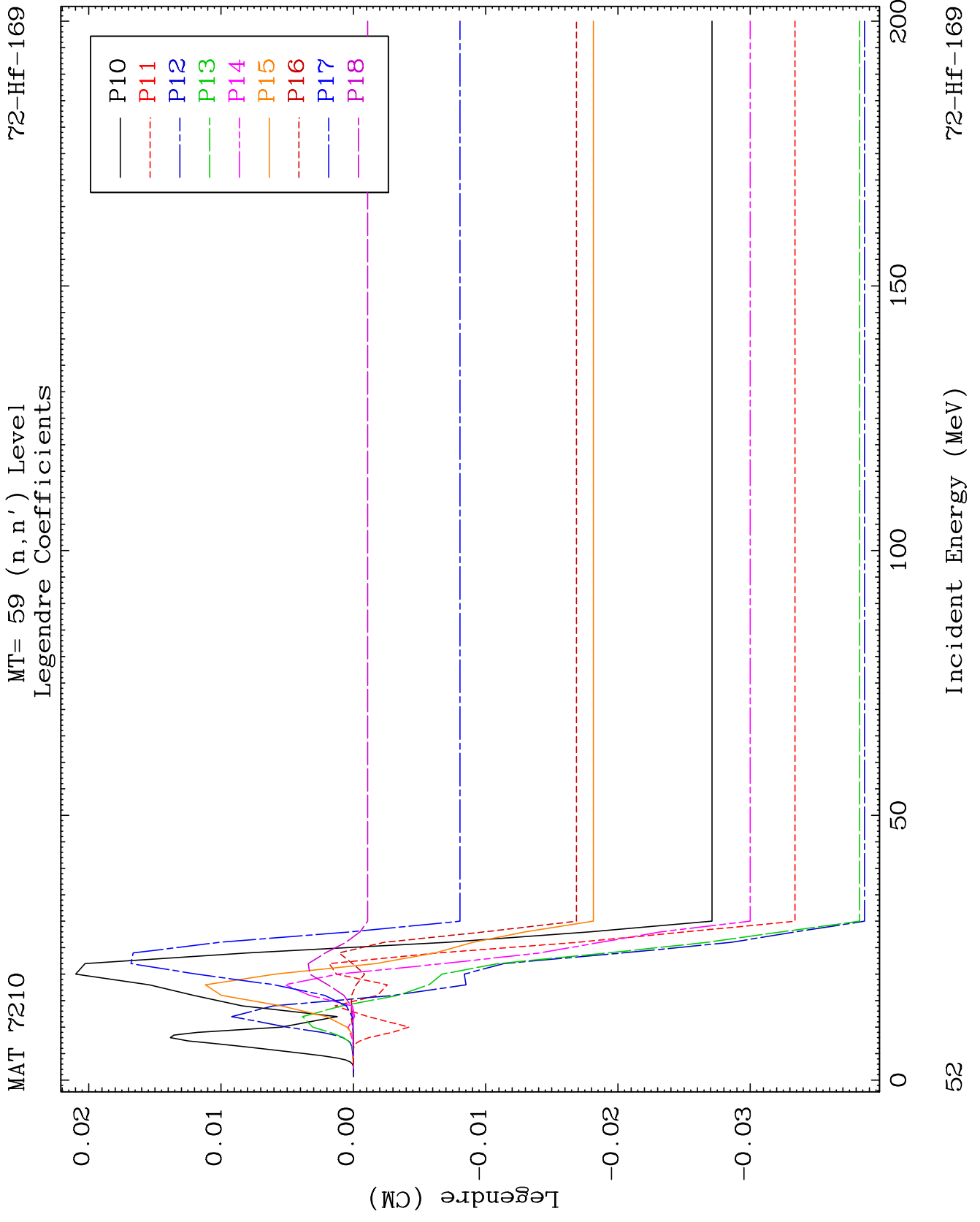
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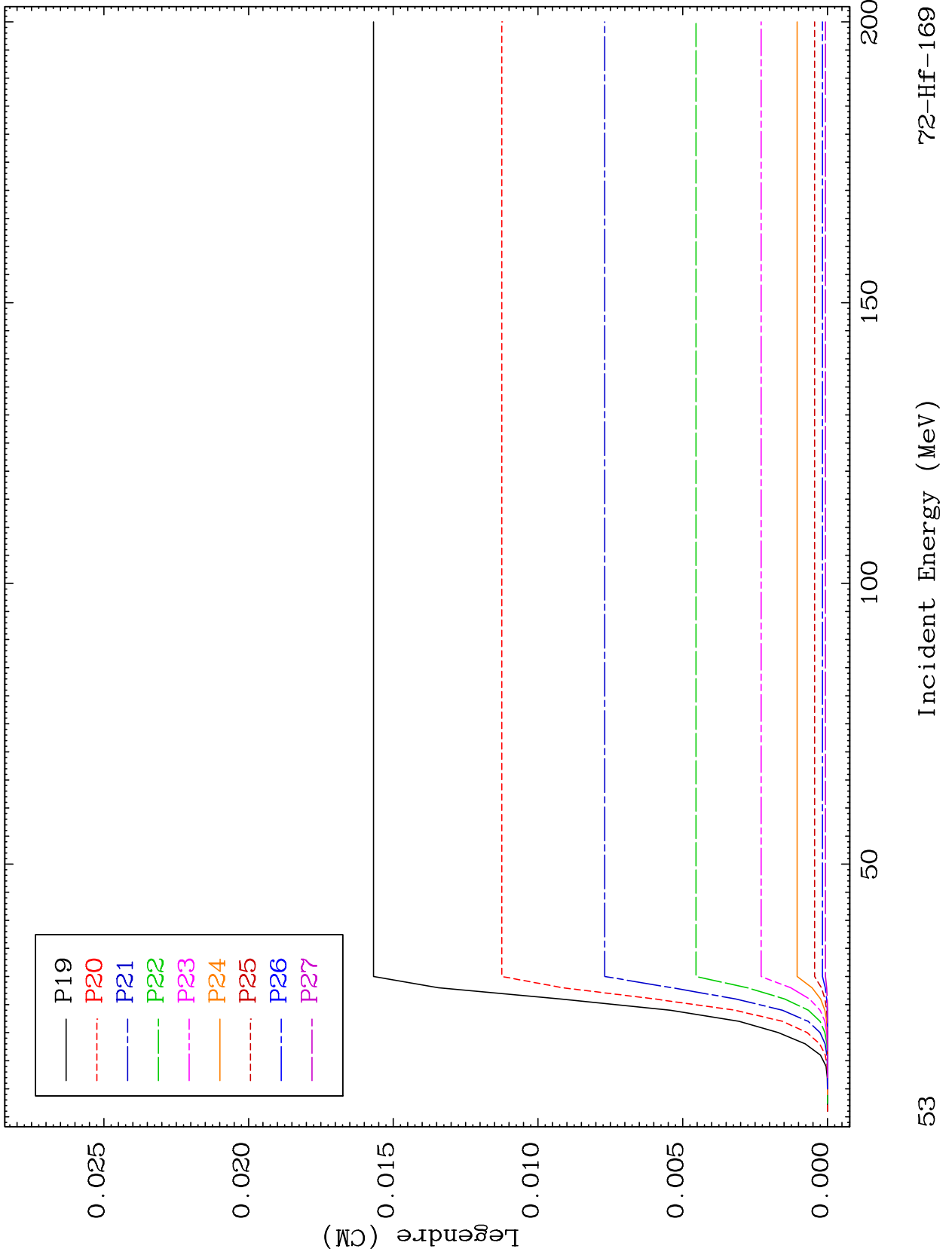
MT= 58 (n,n') Level
Legendre Coefficients

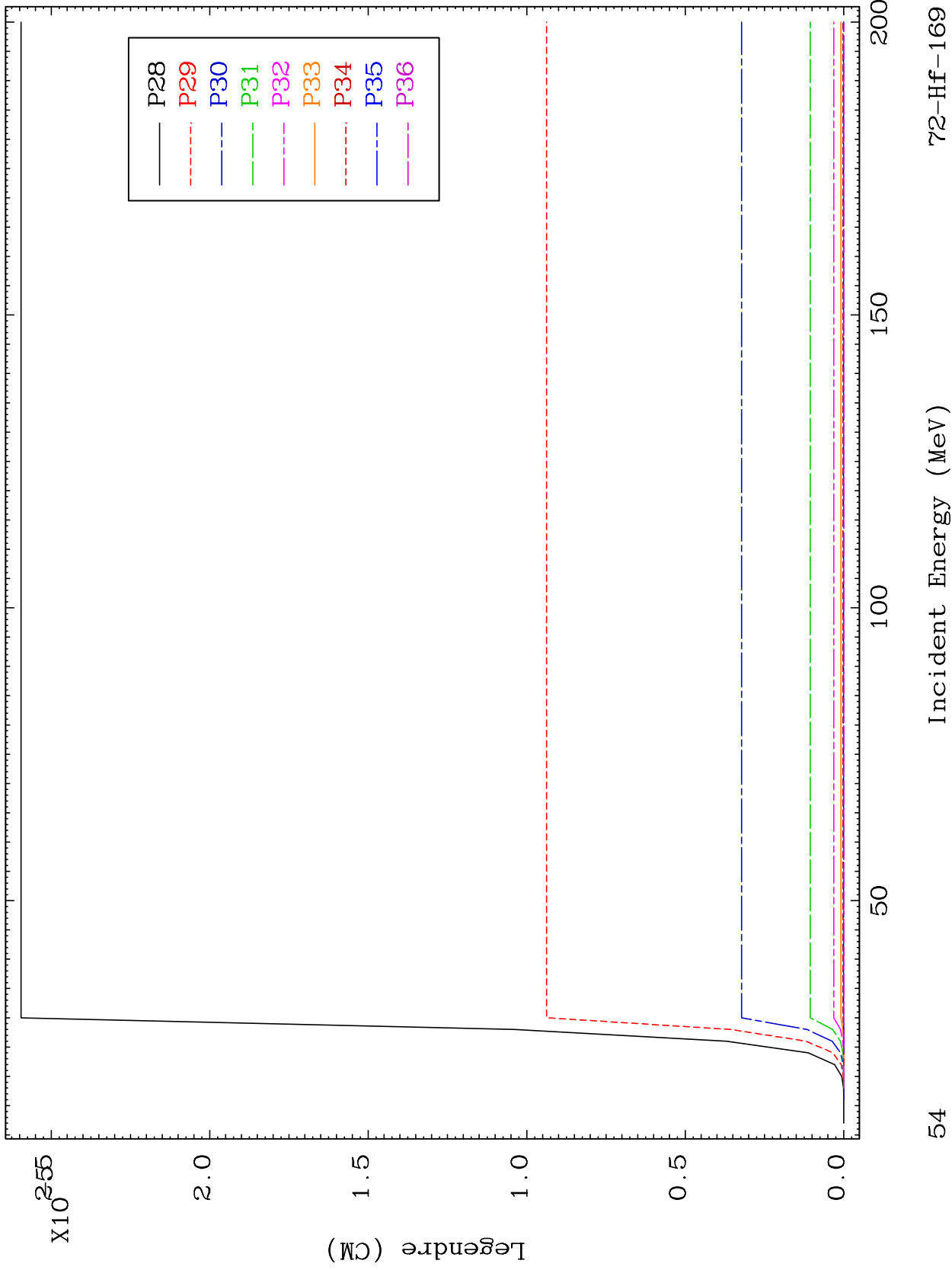
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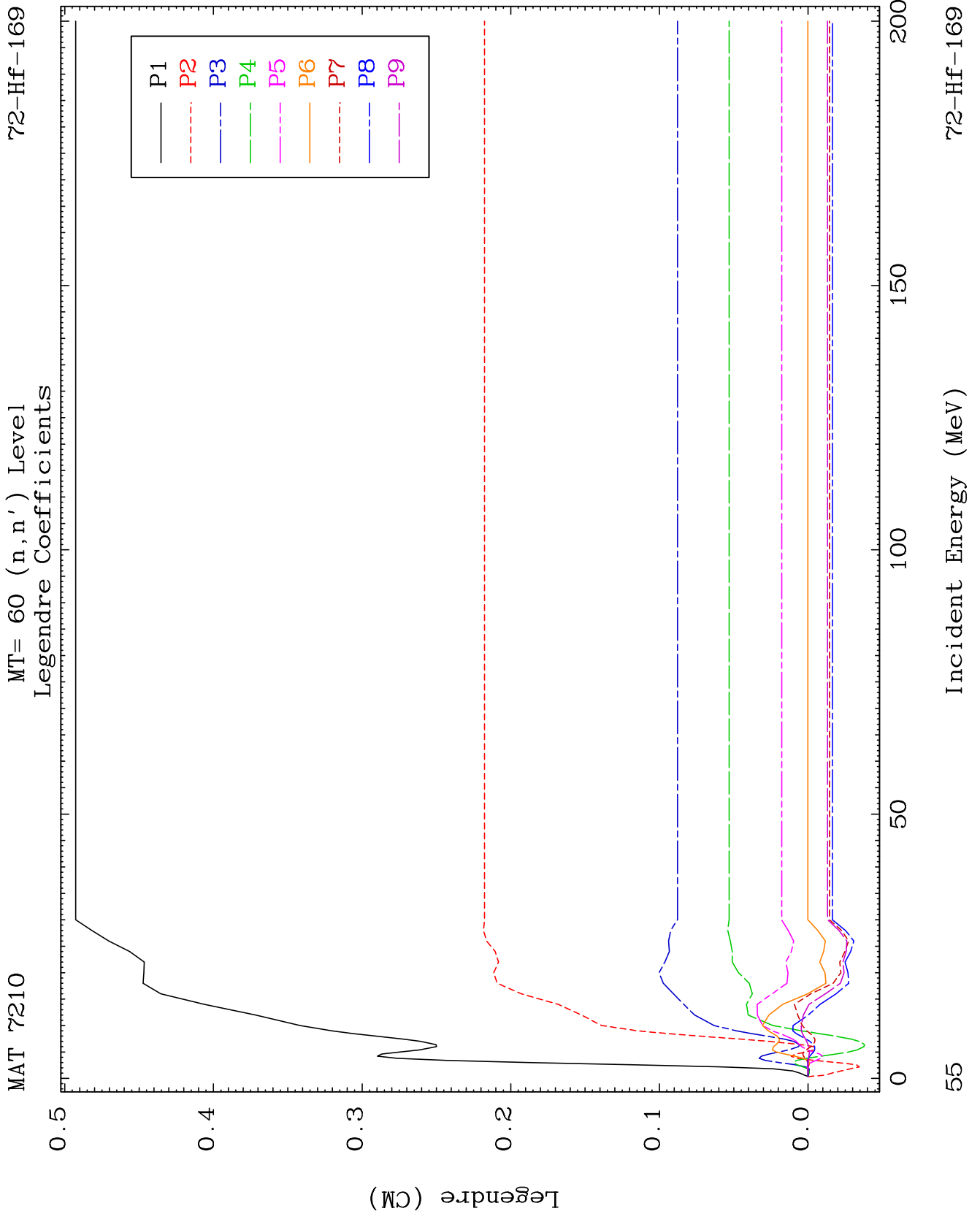








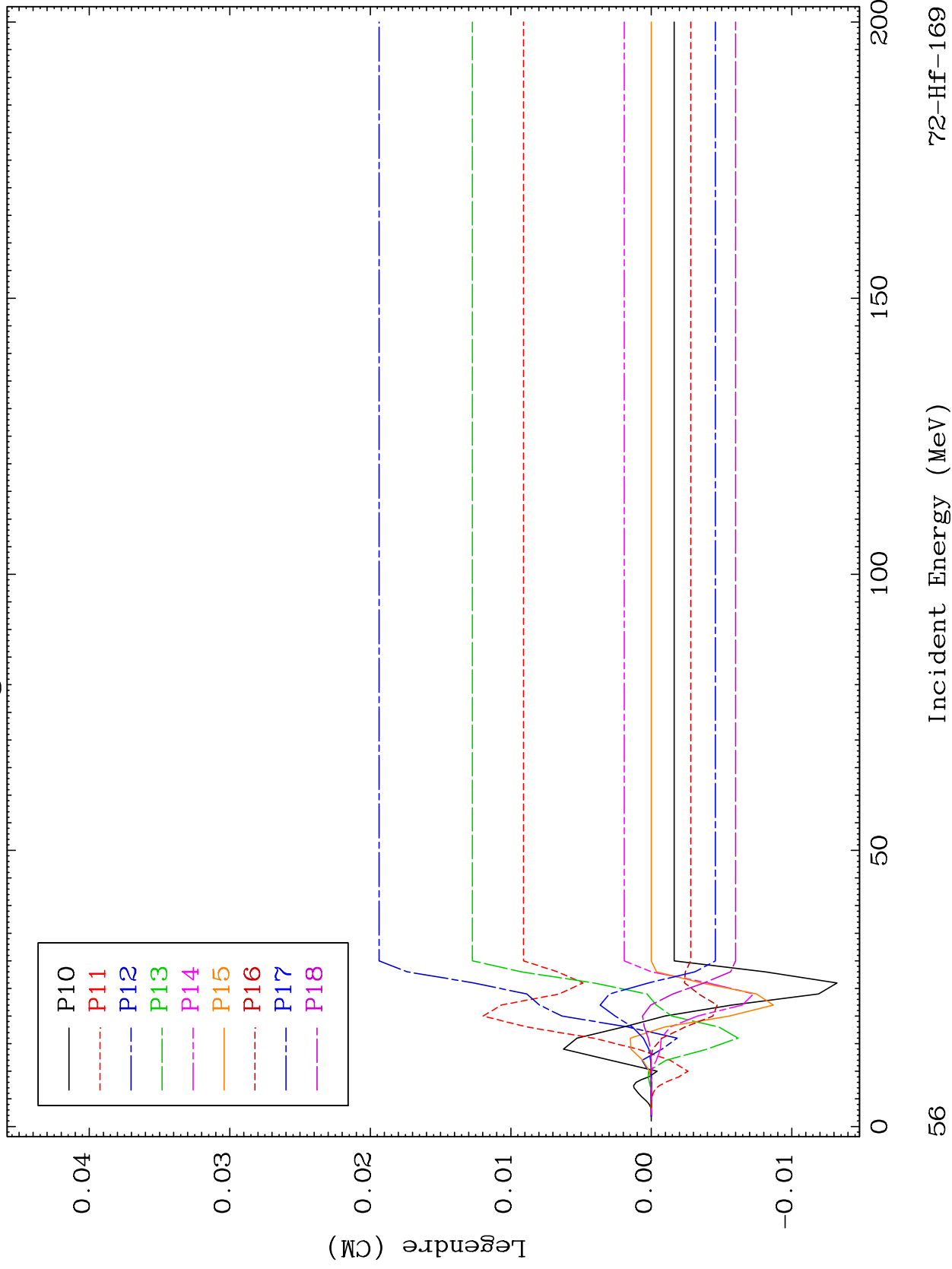




MAT 7210

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

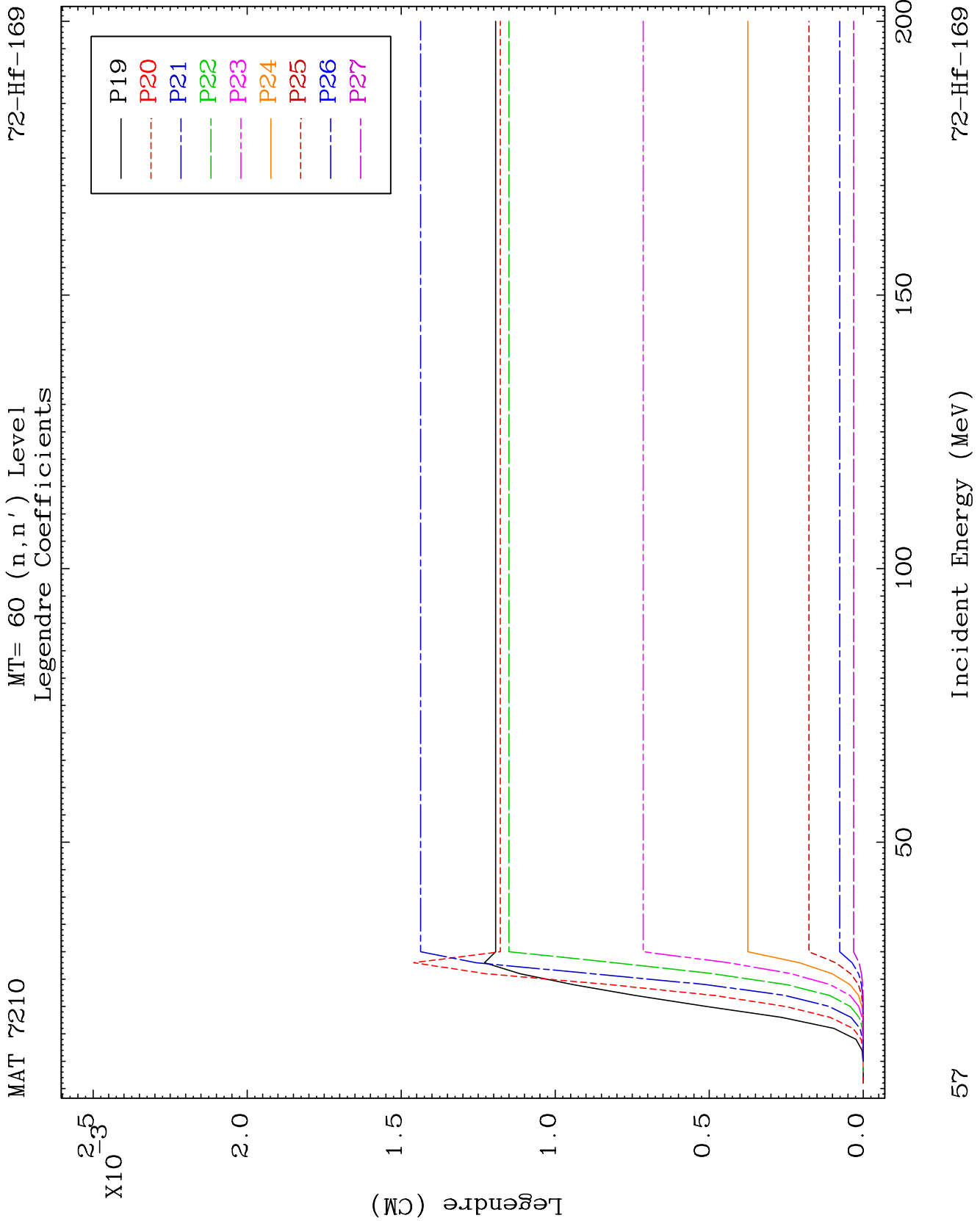
72-Hf-169



72-Hf-169

Incident Energy (MeV)

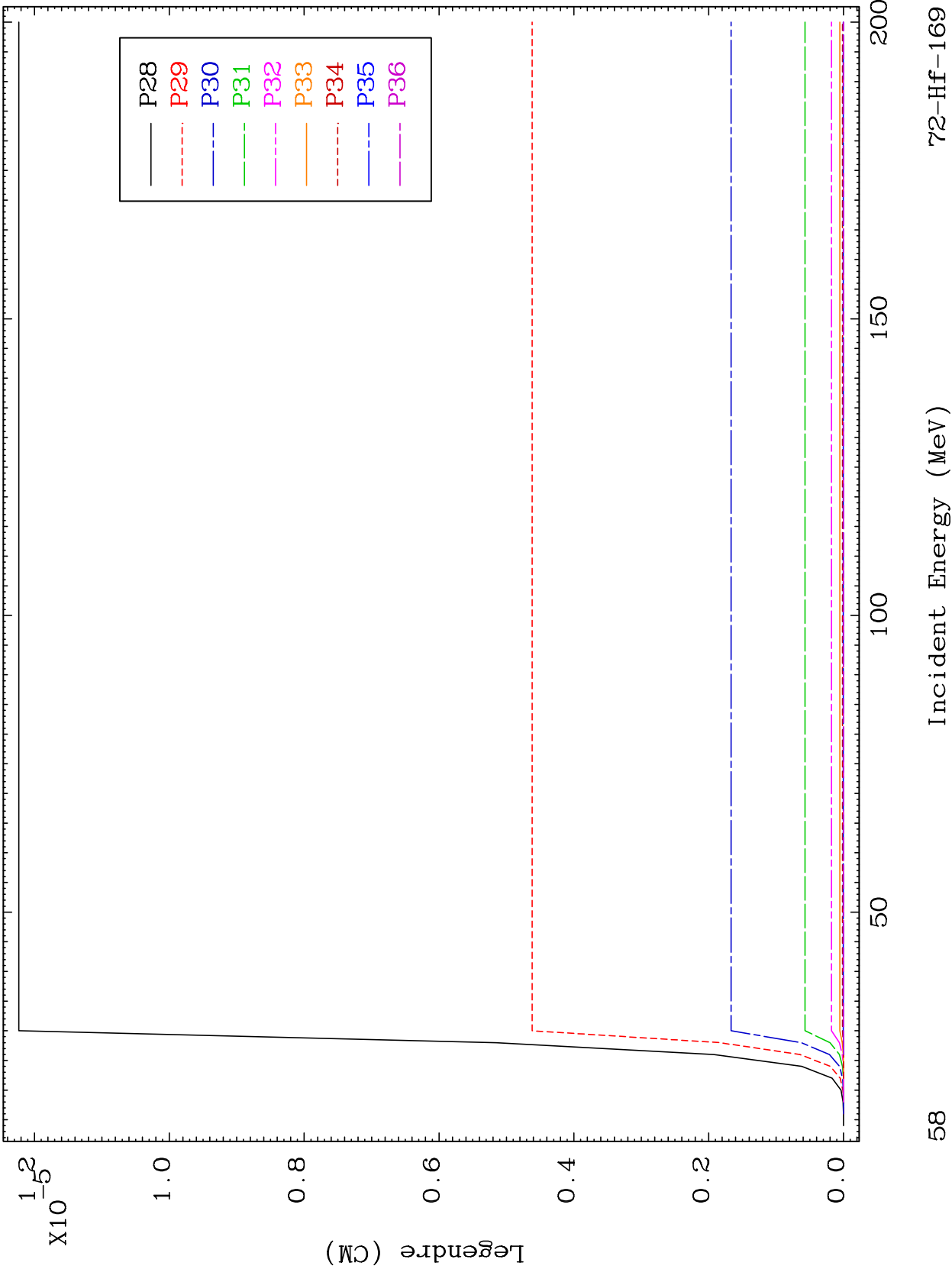
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MAT 7210

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

72-Hf-169



58

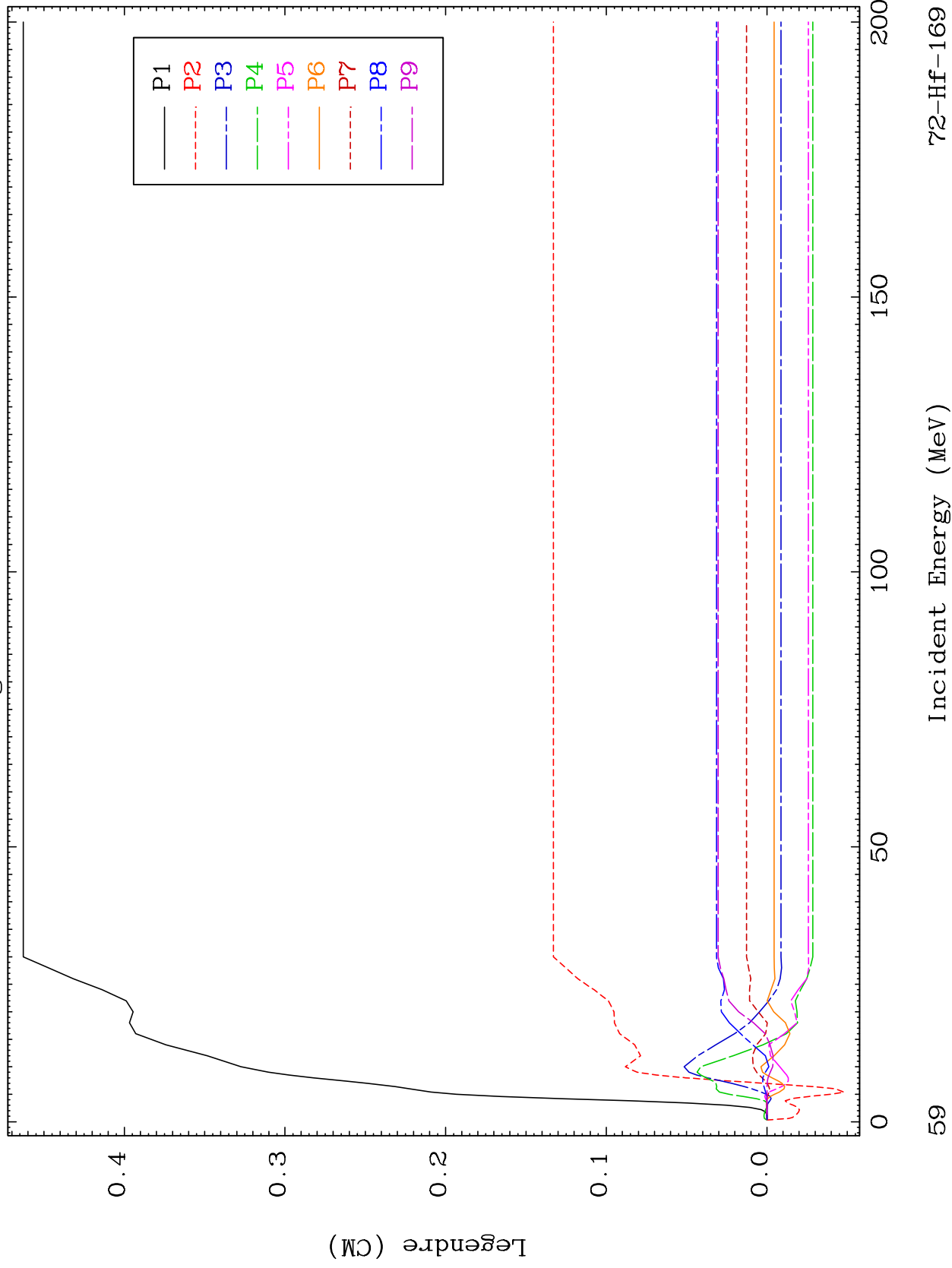
Incident Energy (MeV)

72-Hf-169

MAT 7210

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

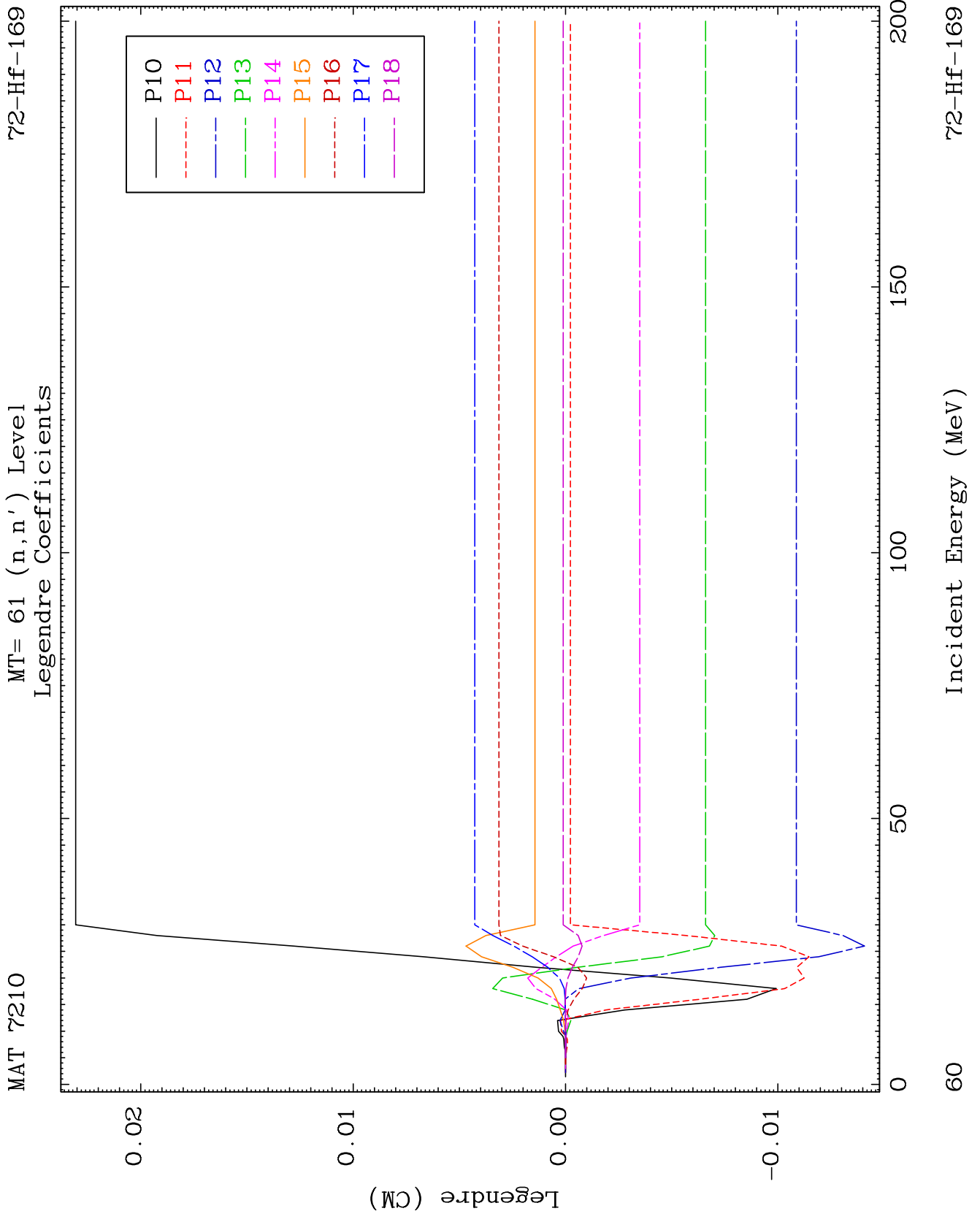
72-Hf-169



72-Hf-169

Incident Energy (MeV)

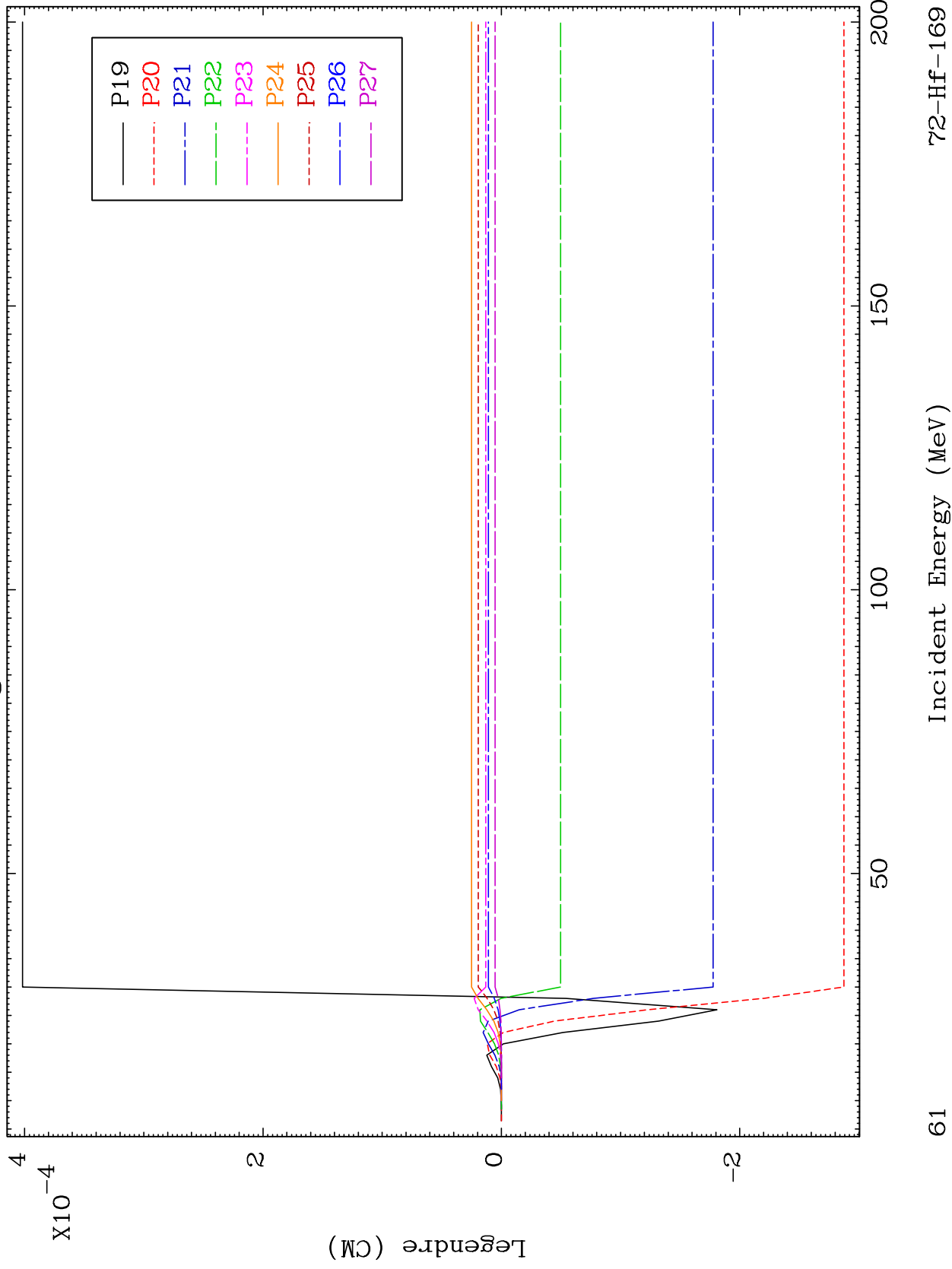
59

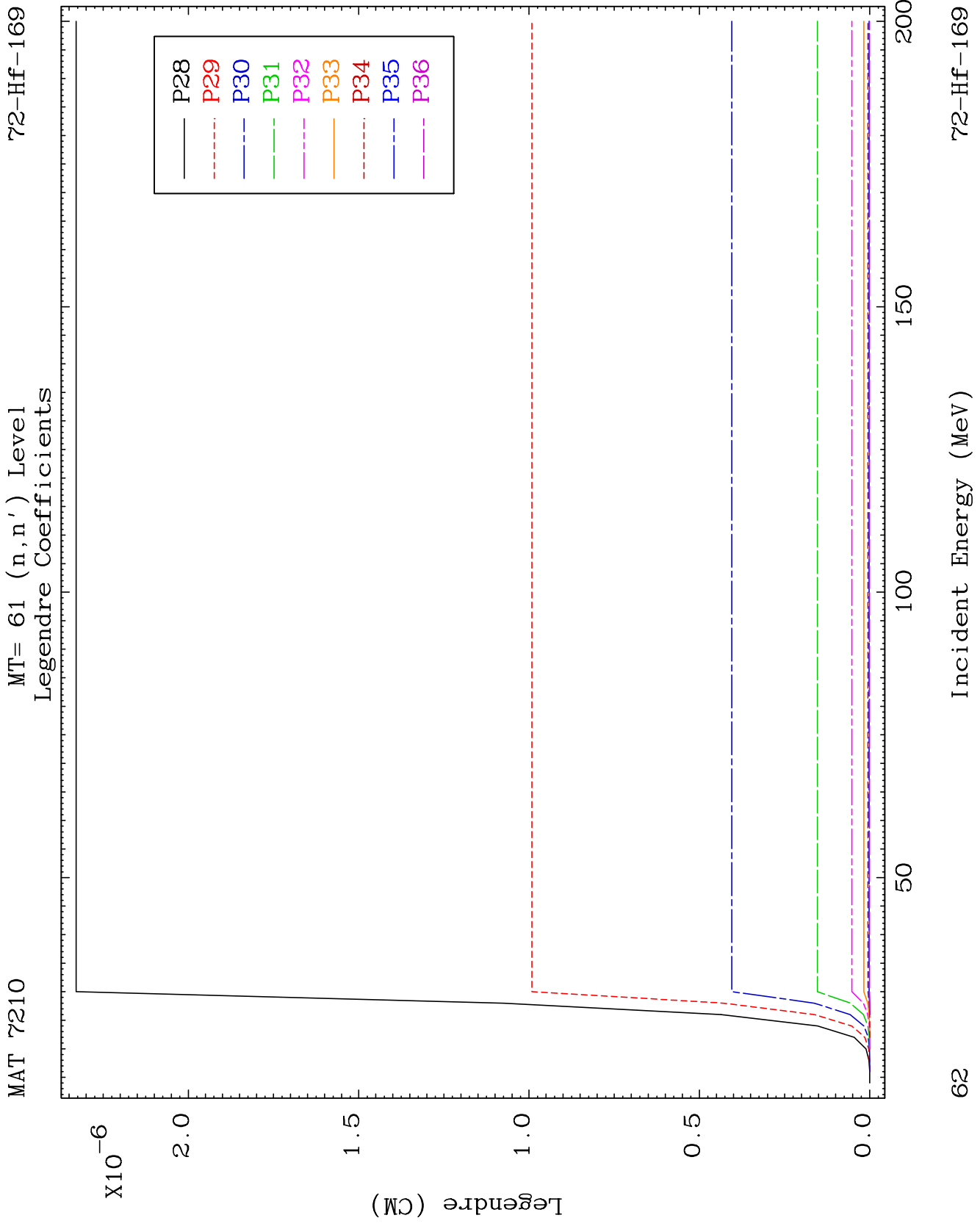


MAT 7210

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

72-Hf-169

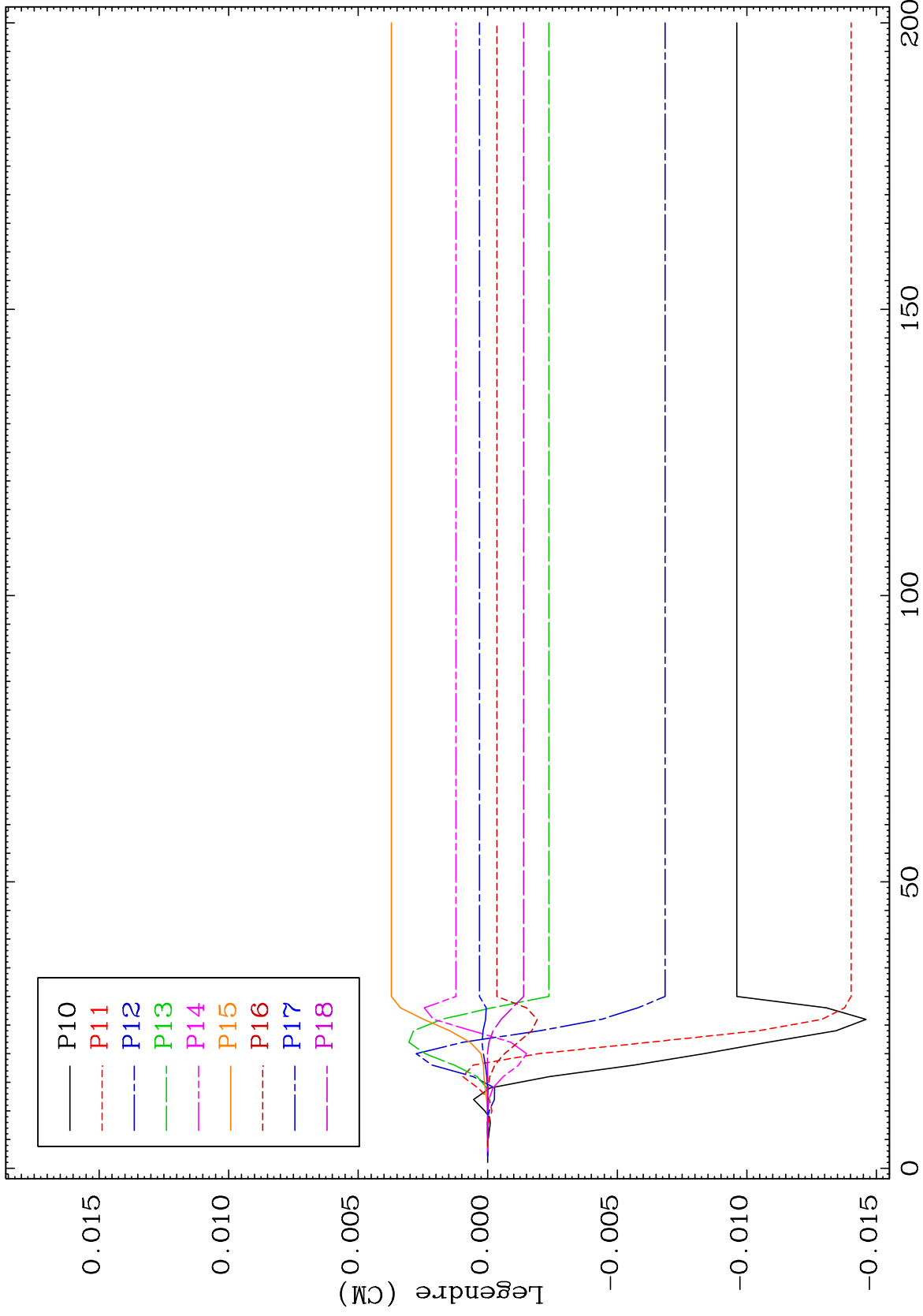




MAT 7210

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

72-Hf-169



64

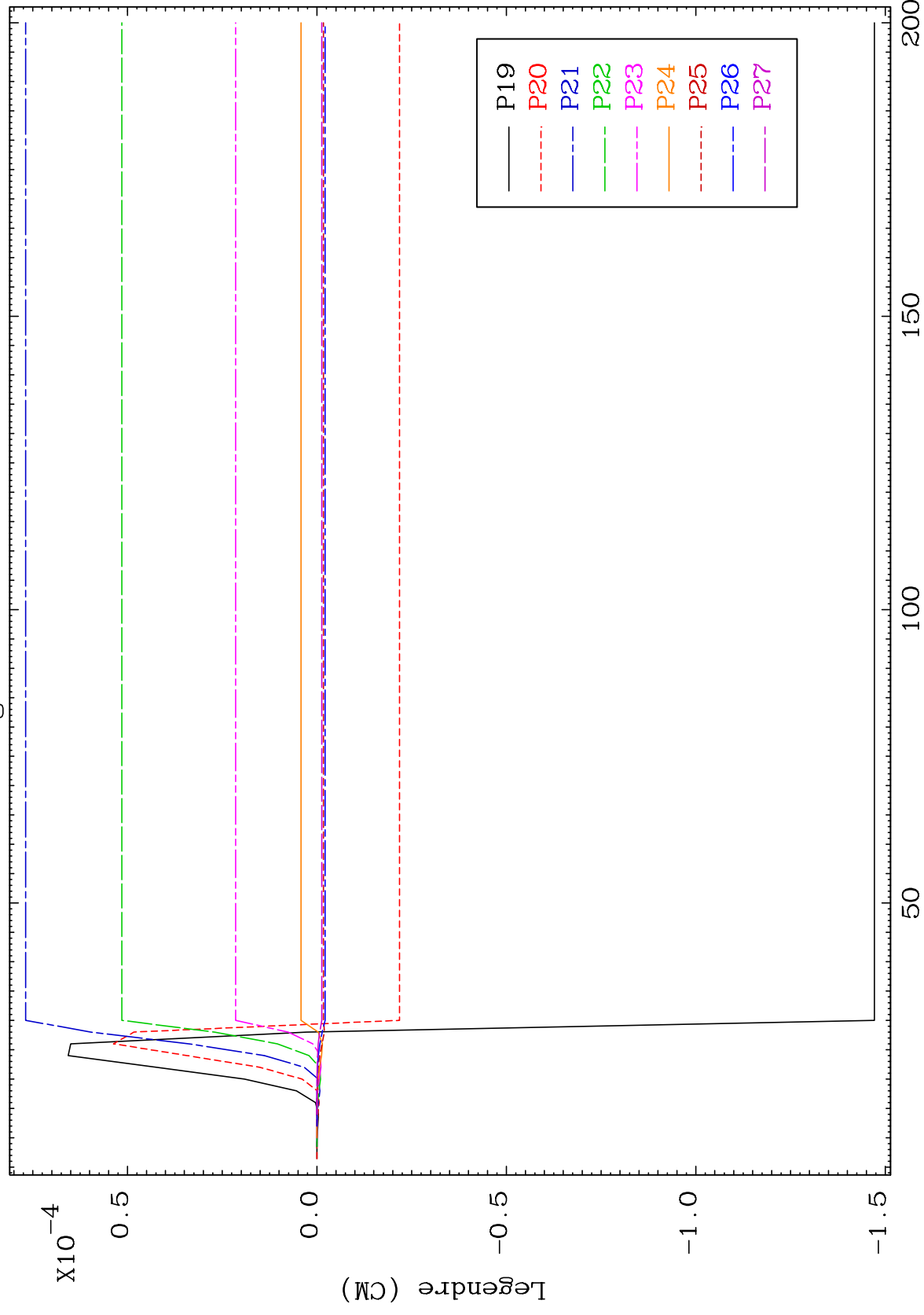
Incident Energy (MeV)

72-Hf-169

MAT 7210

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

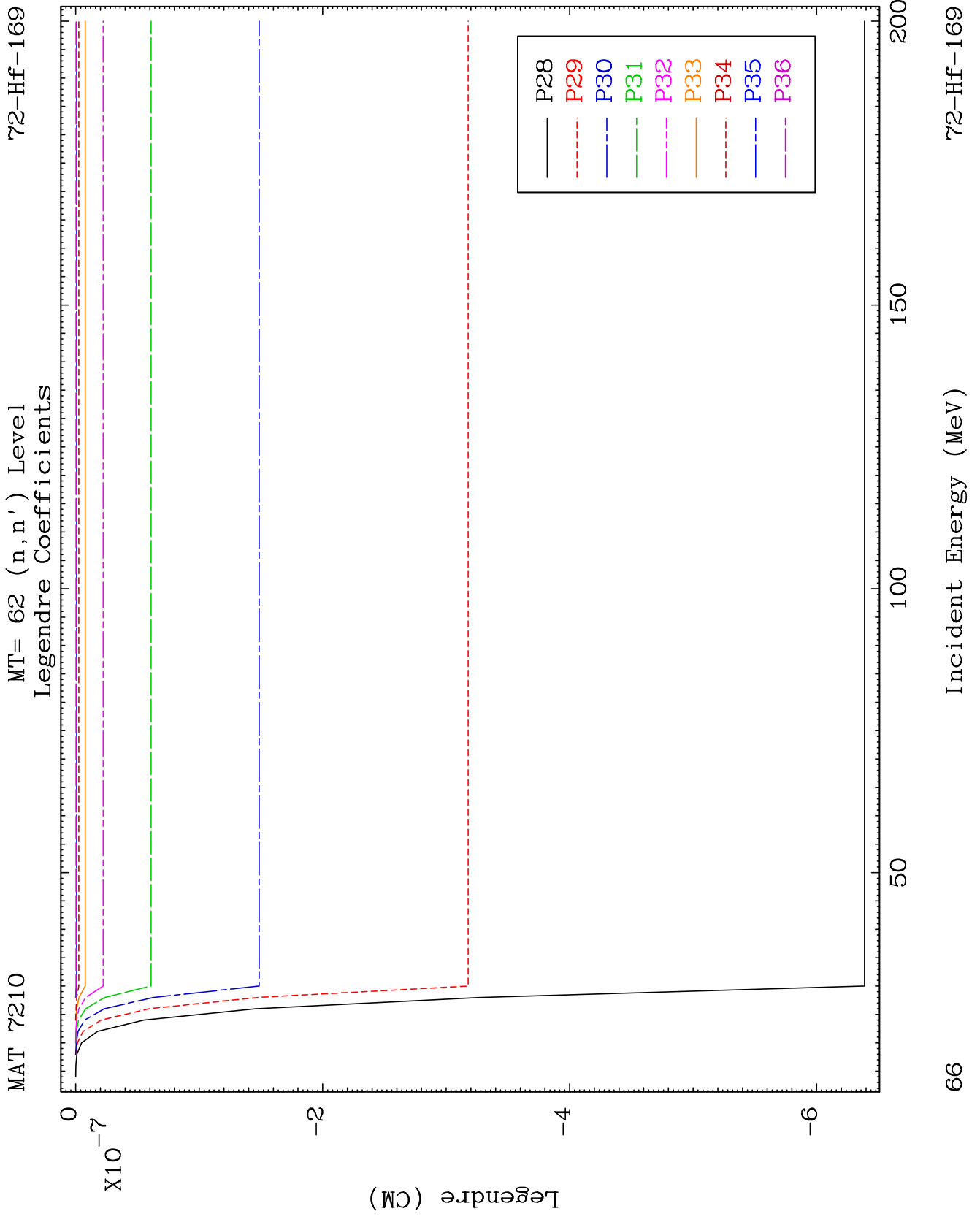
72-Hf-169



65

Incident Energy (MeV)

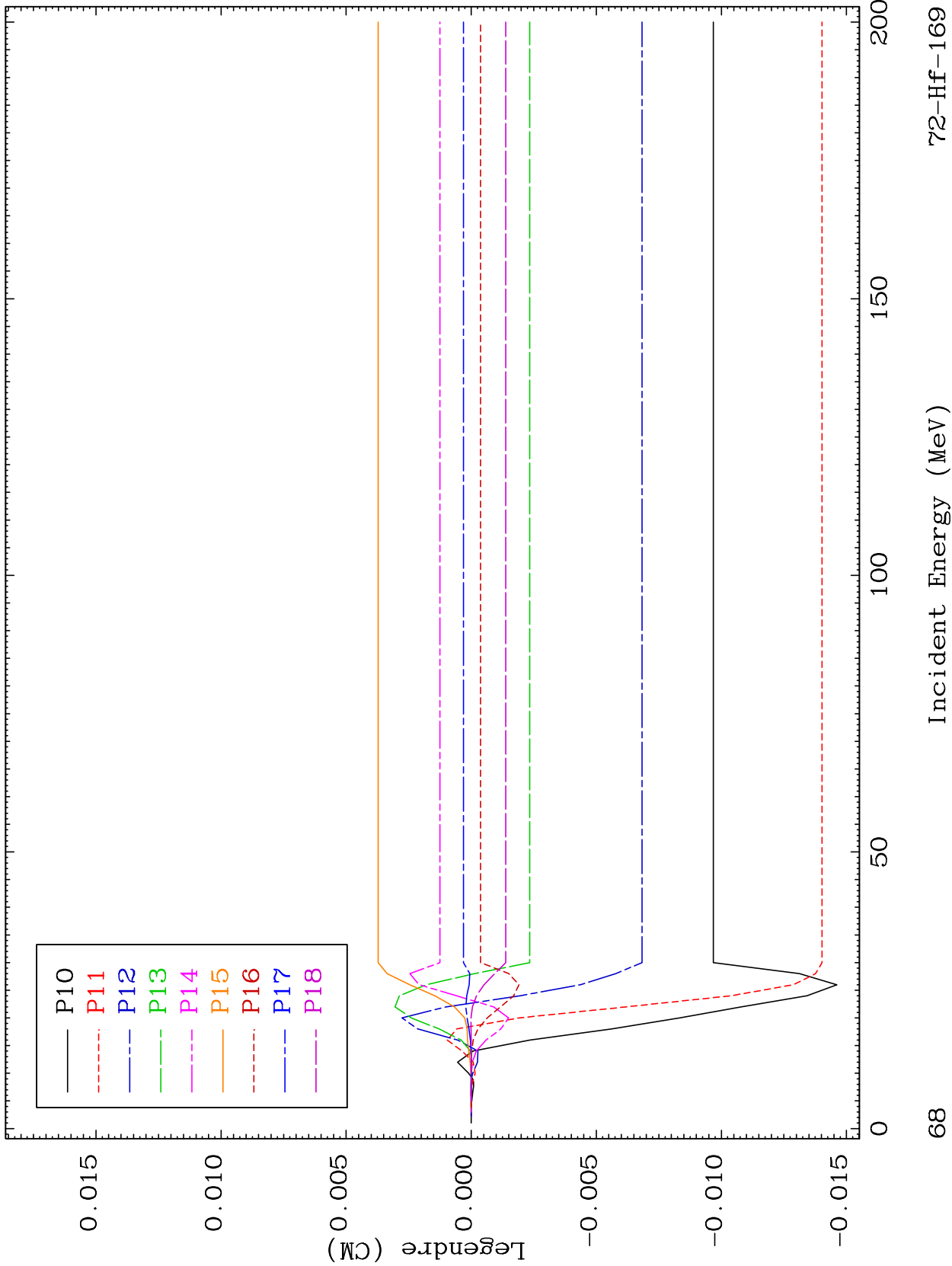
72-Hf-169



MAT 7210

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

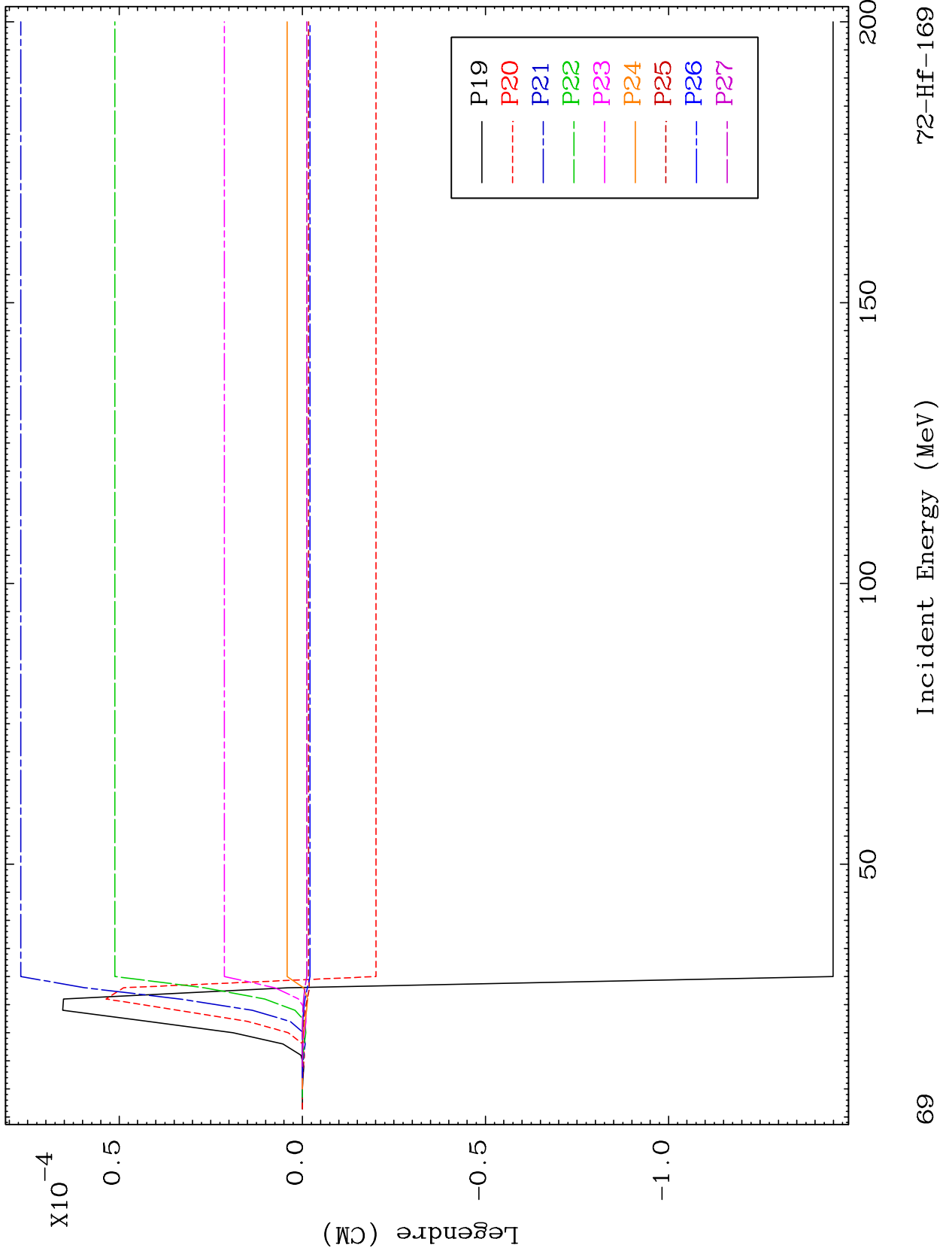
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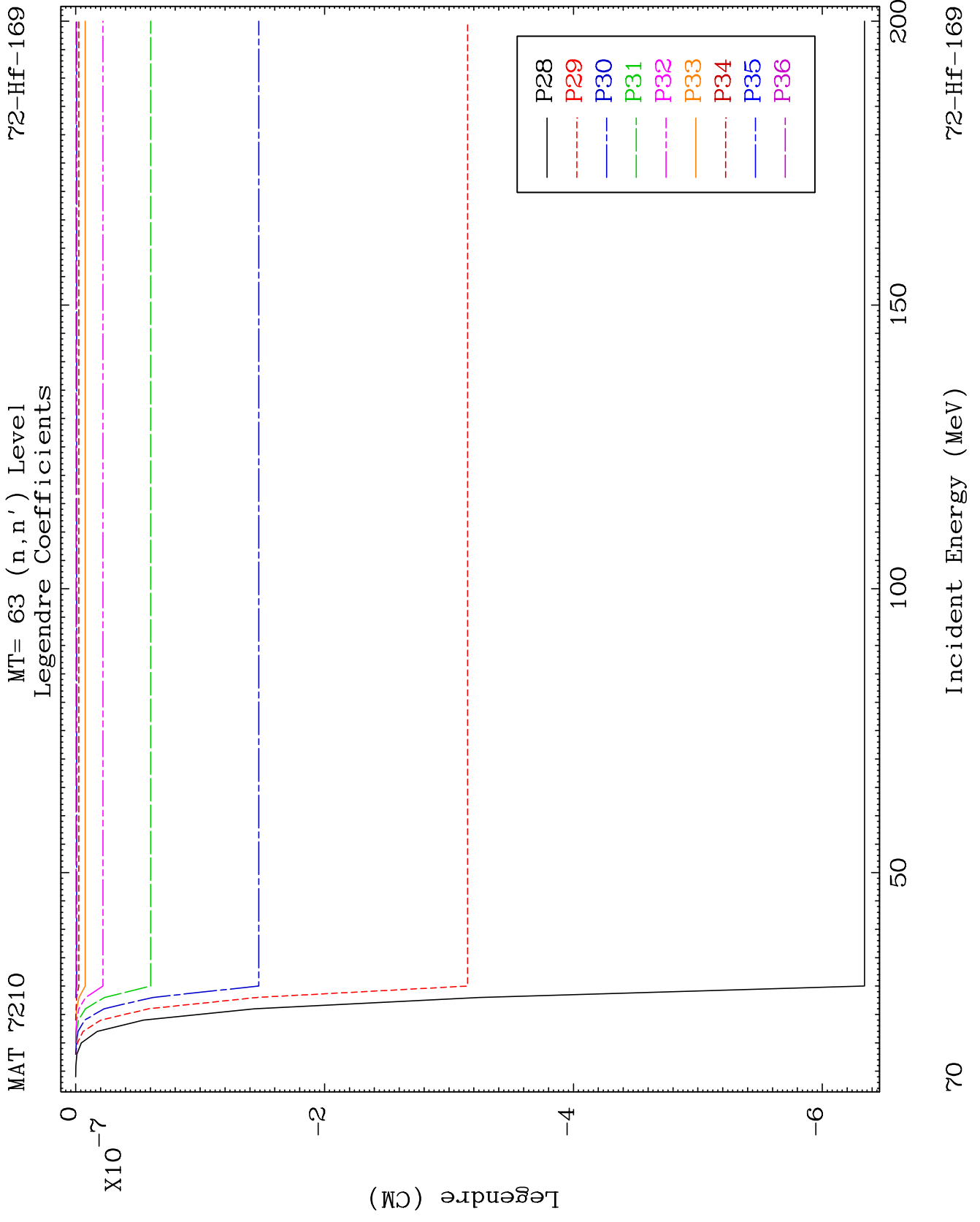


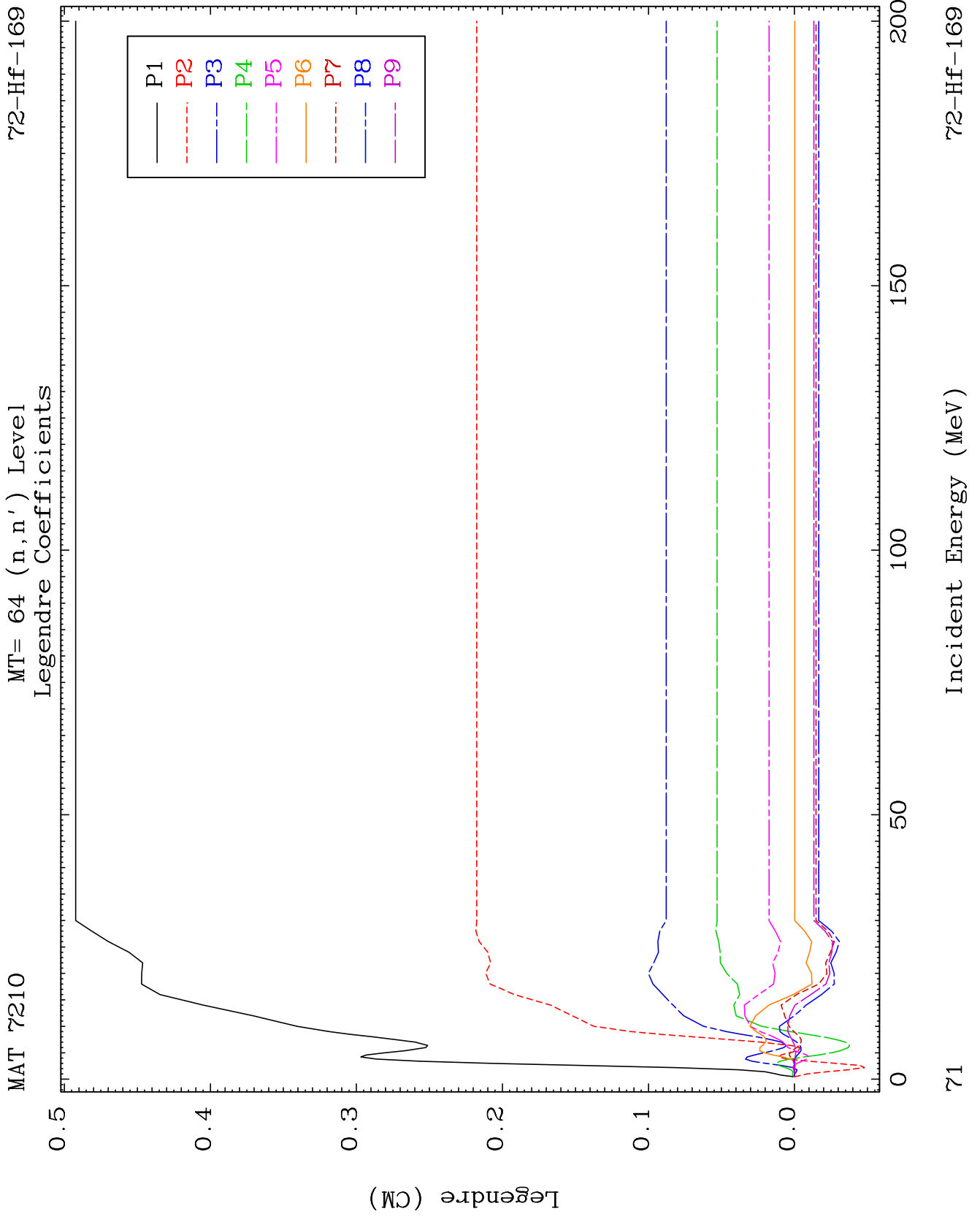
68

Incident Energy (MeV)

72-Hf-169



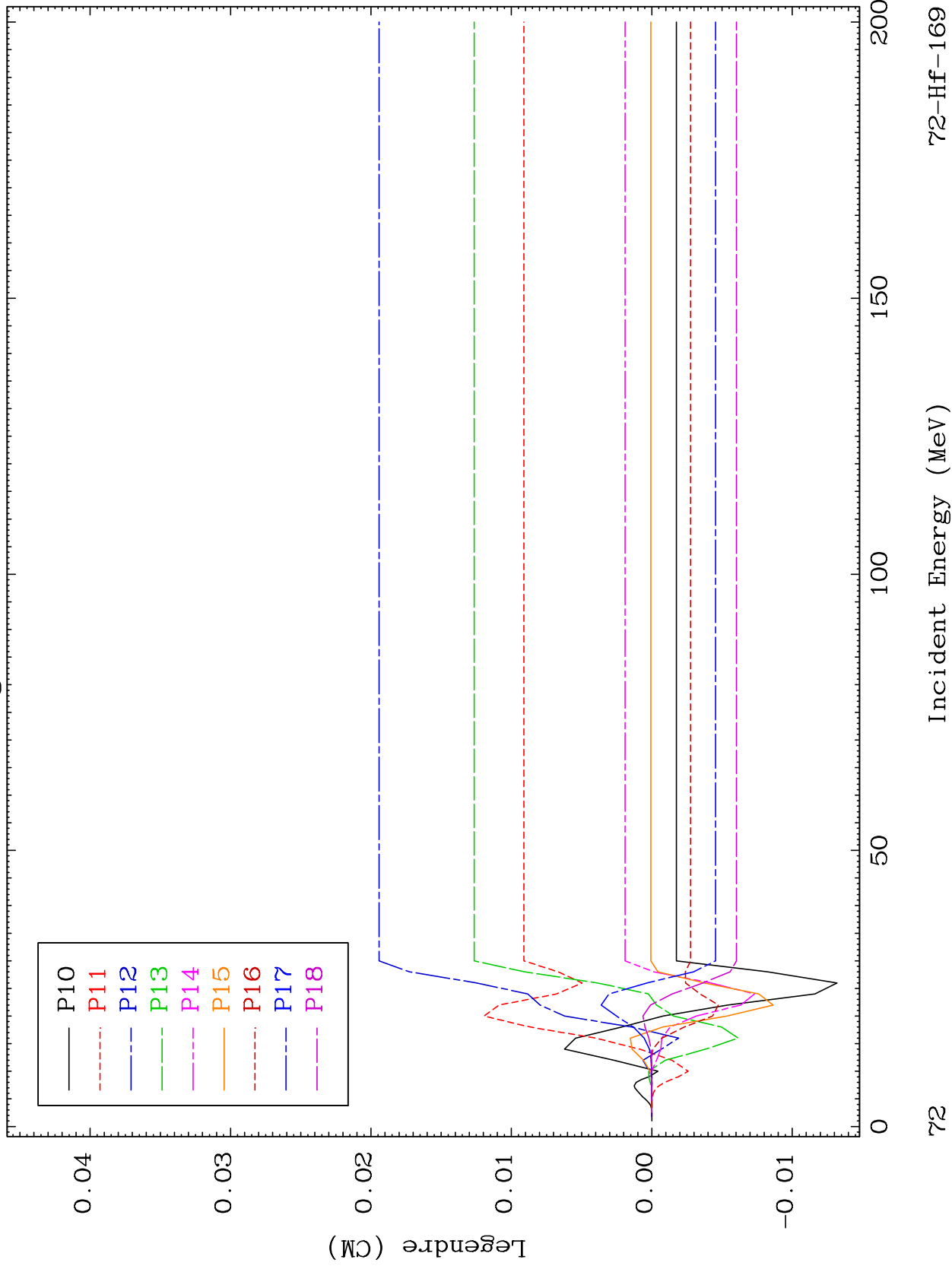




MAT 7210

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

72-Hf-169



72

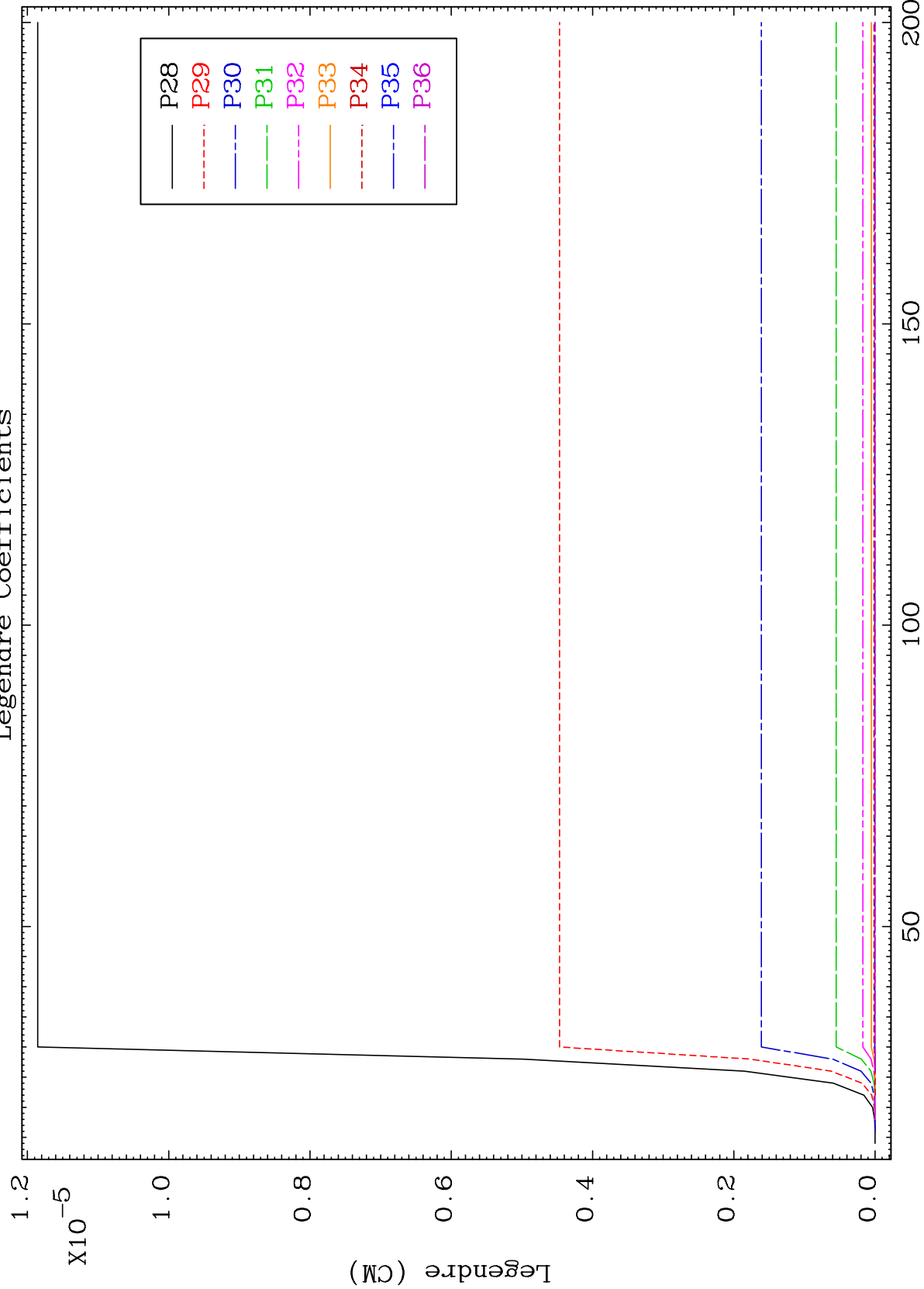
Incident Energy (MeV)

72-Hf-169

MAT 7210

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

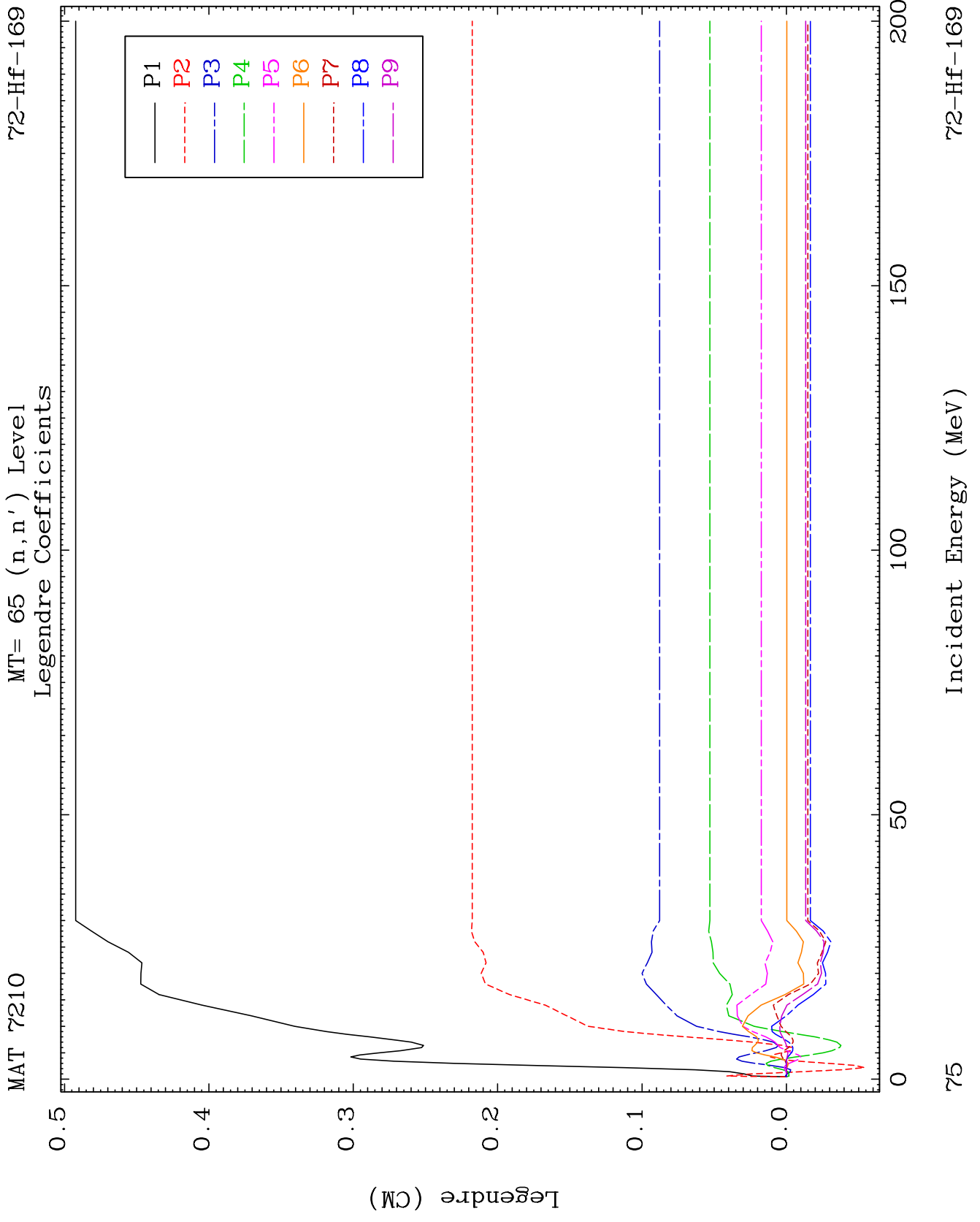
72-Hf-169



72-Hf-169

Incident Energy (MeV)

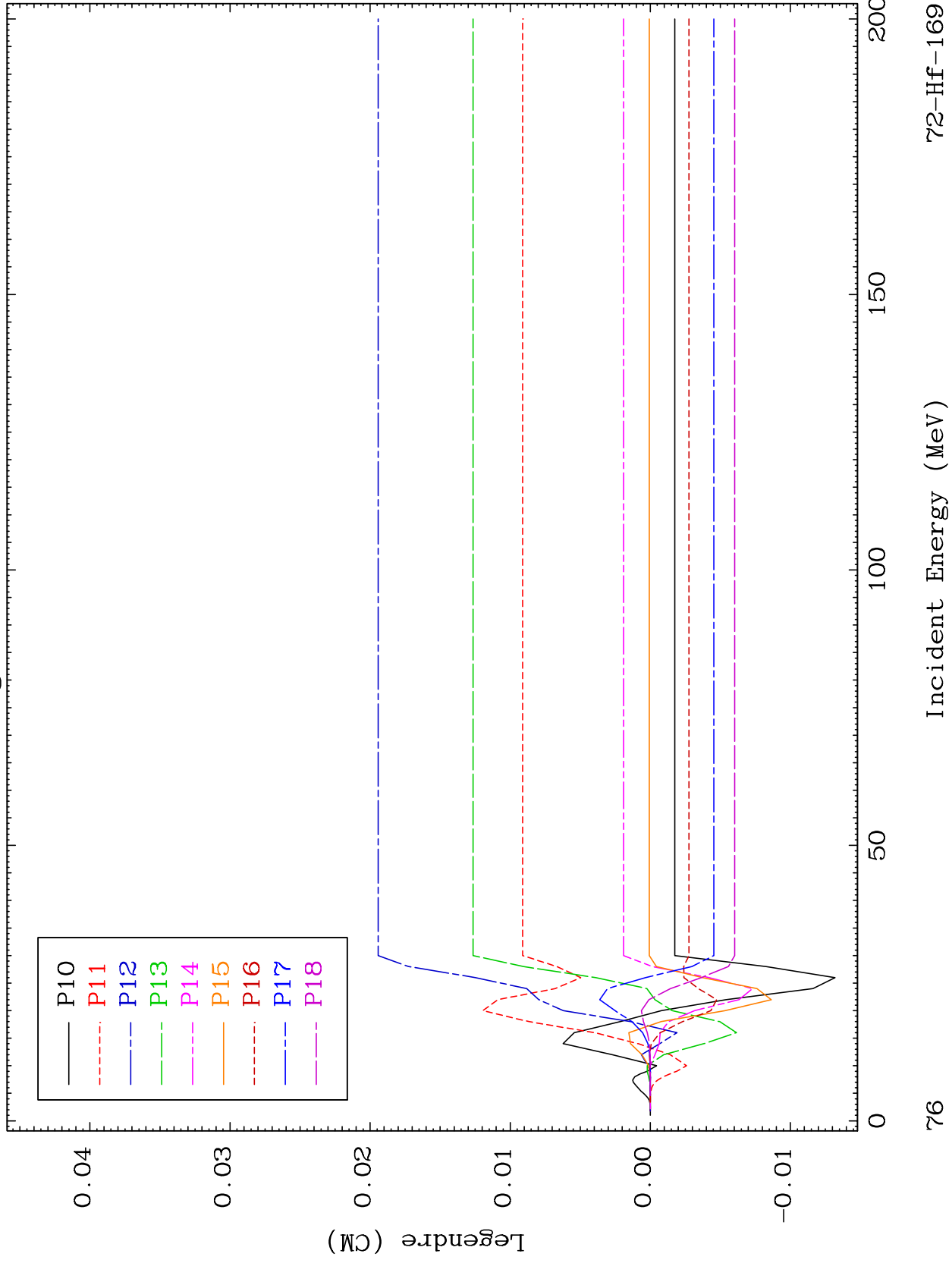
74



MAT 7210

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

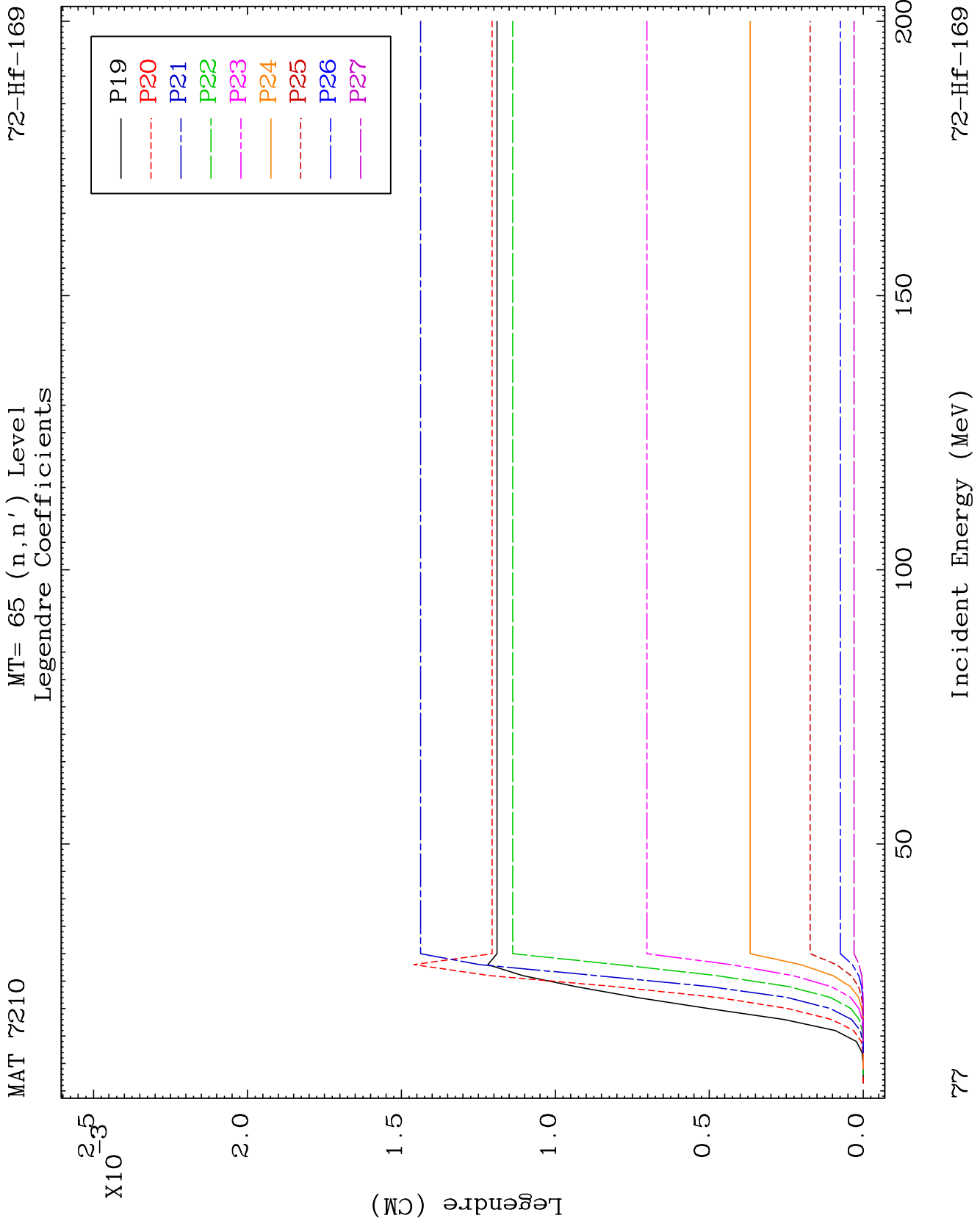
72-Hf-169

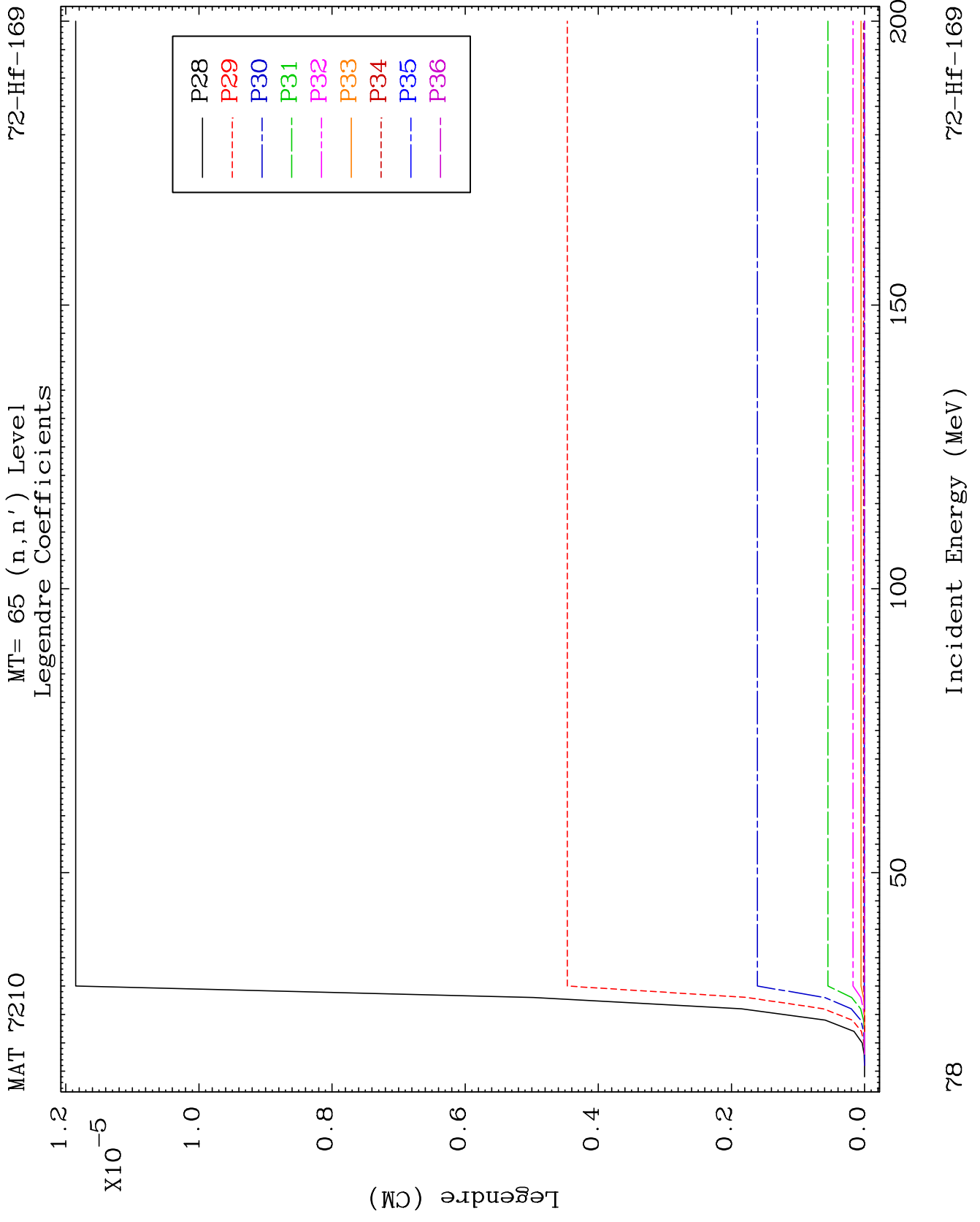


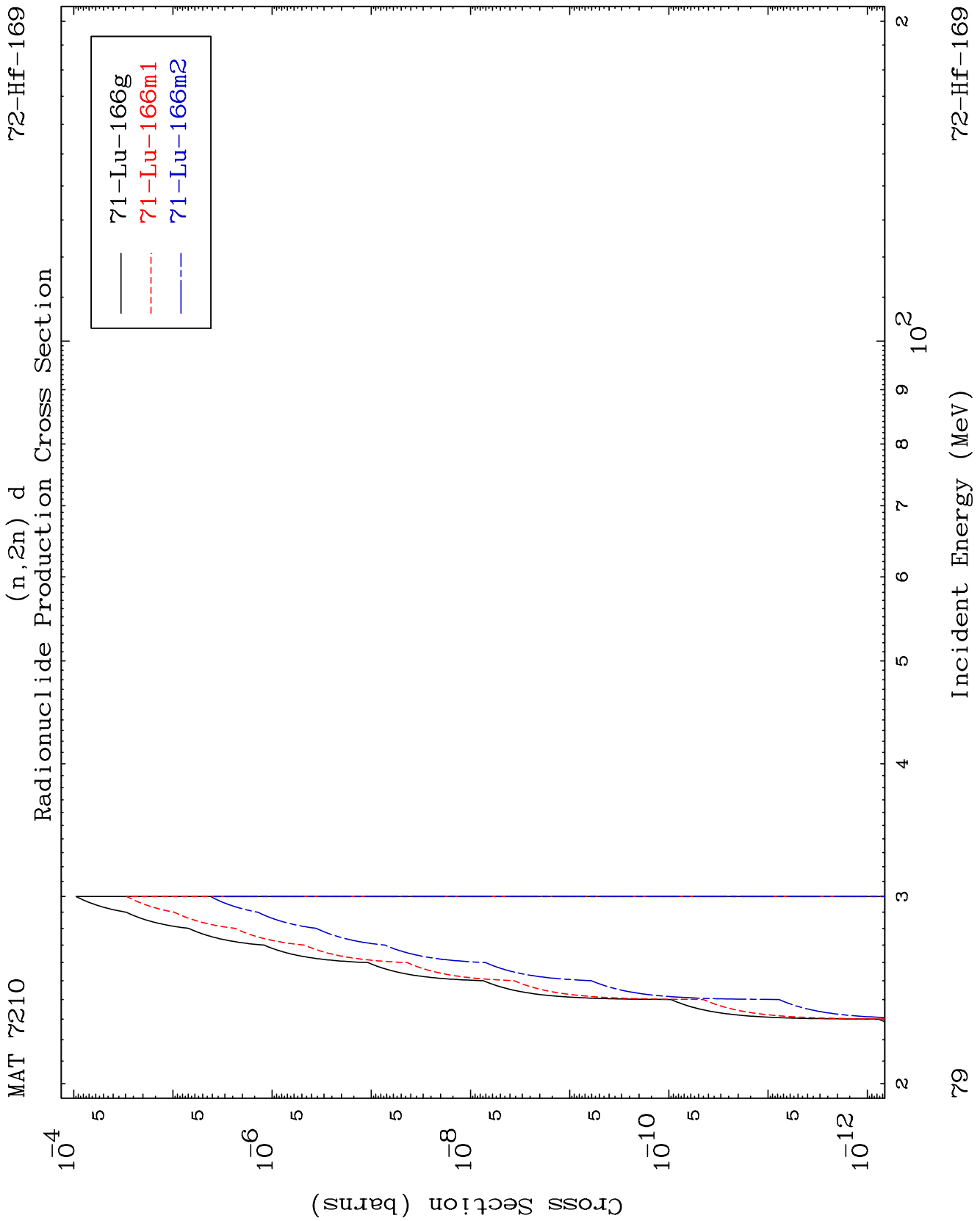
76

Incident Energy (MeV)

72-Hf-169





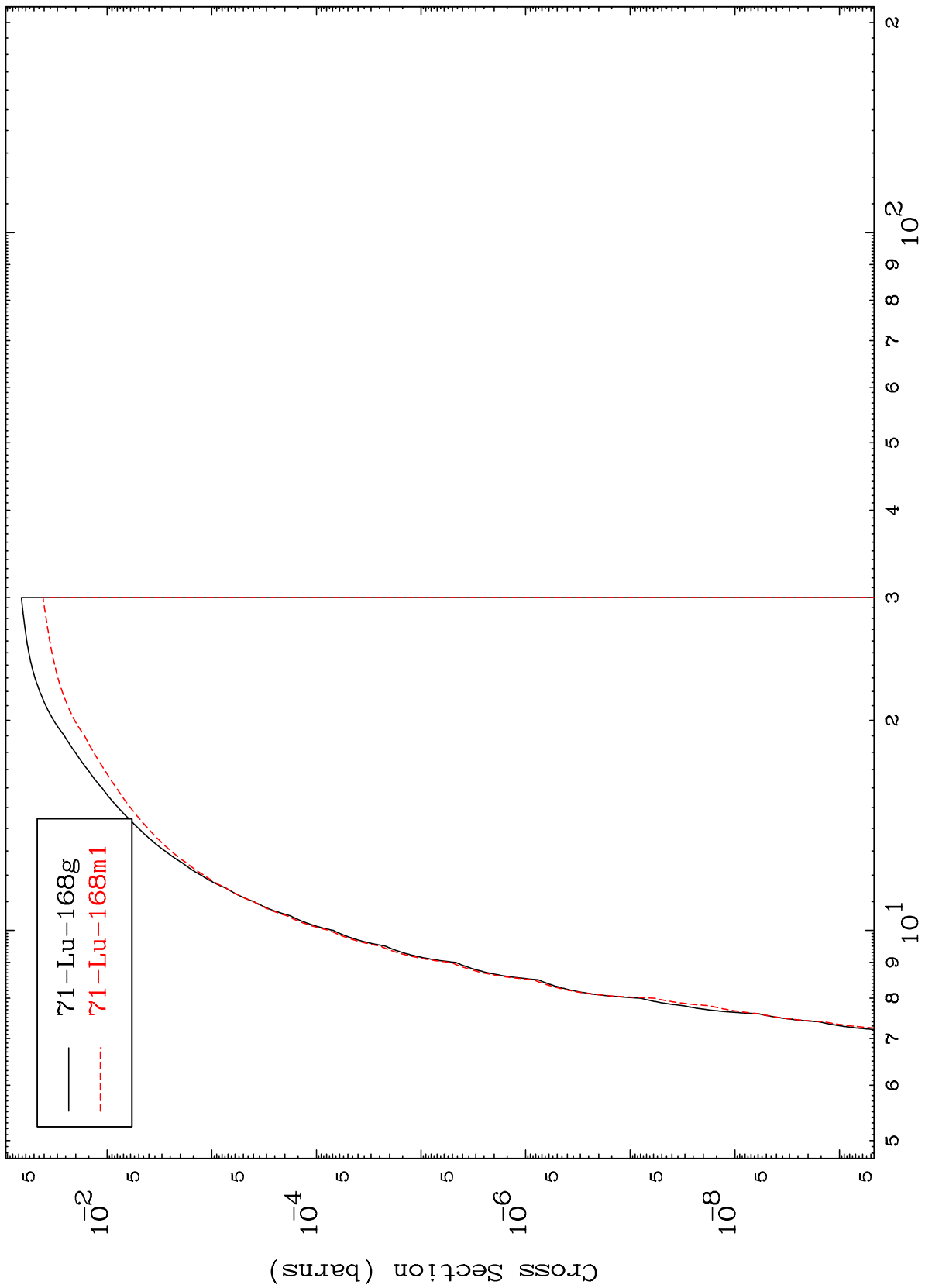


MAT 7210

(n,n') p

72-Hf-169

Radionuclide Production Cross Section



80

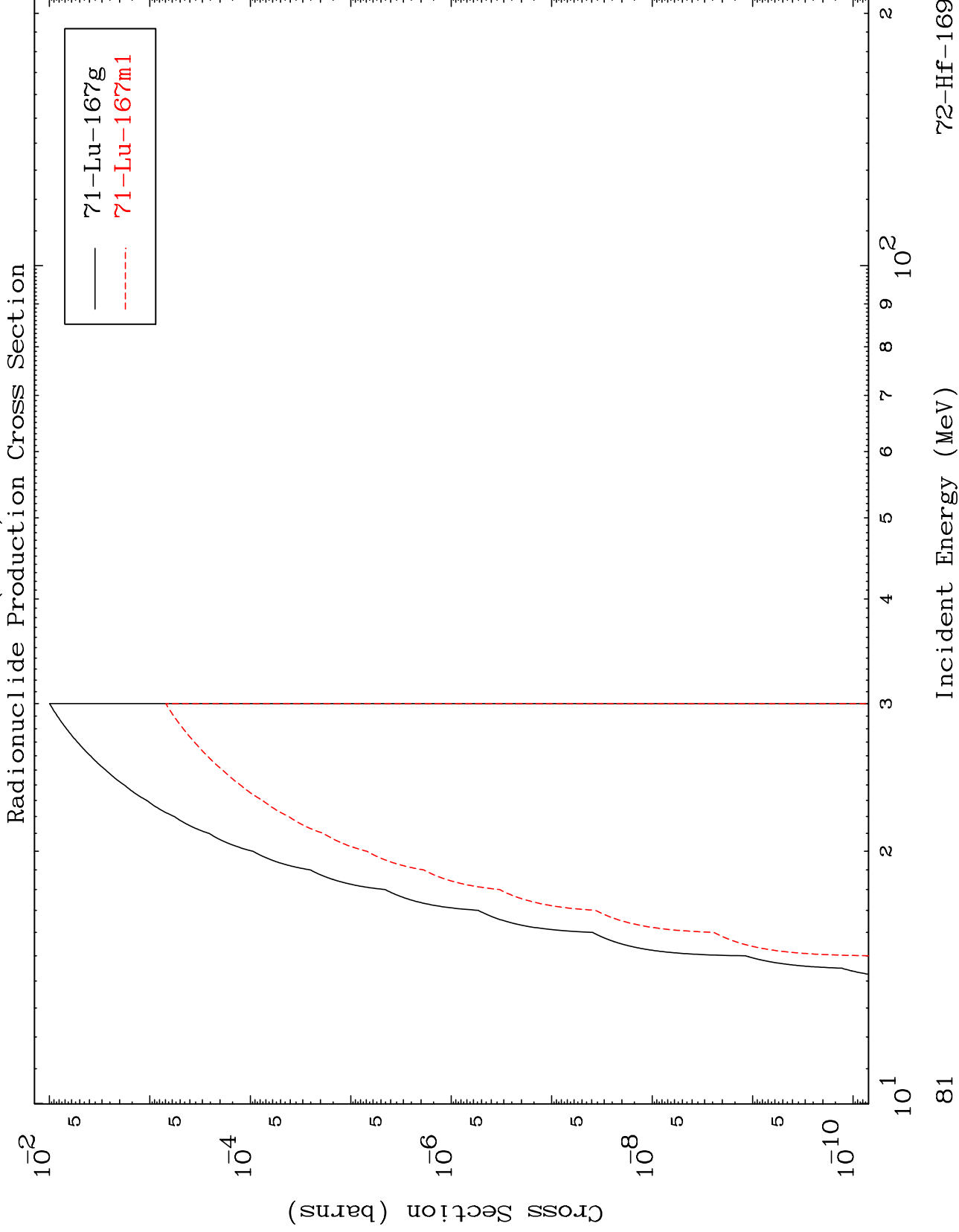
Incident Energy (MeV)

72-Hf-169

MAT 7210

(n,n') d

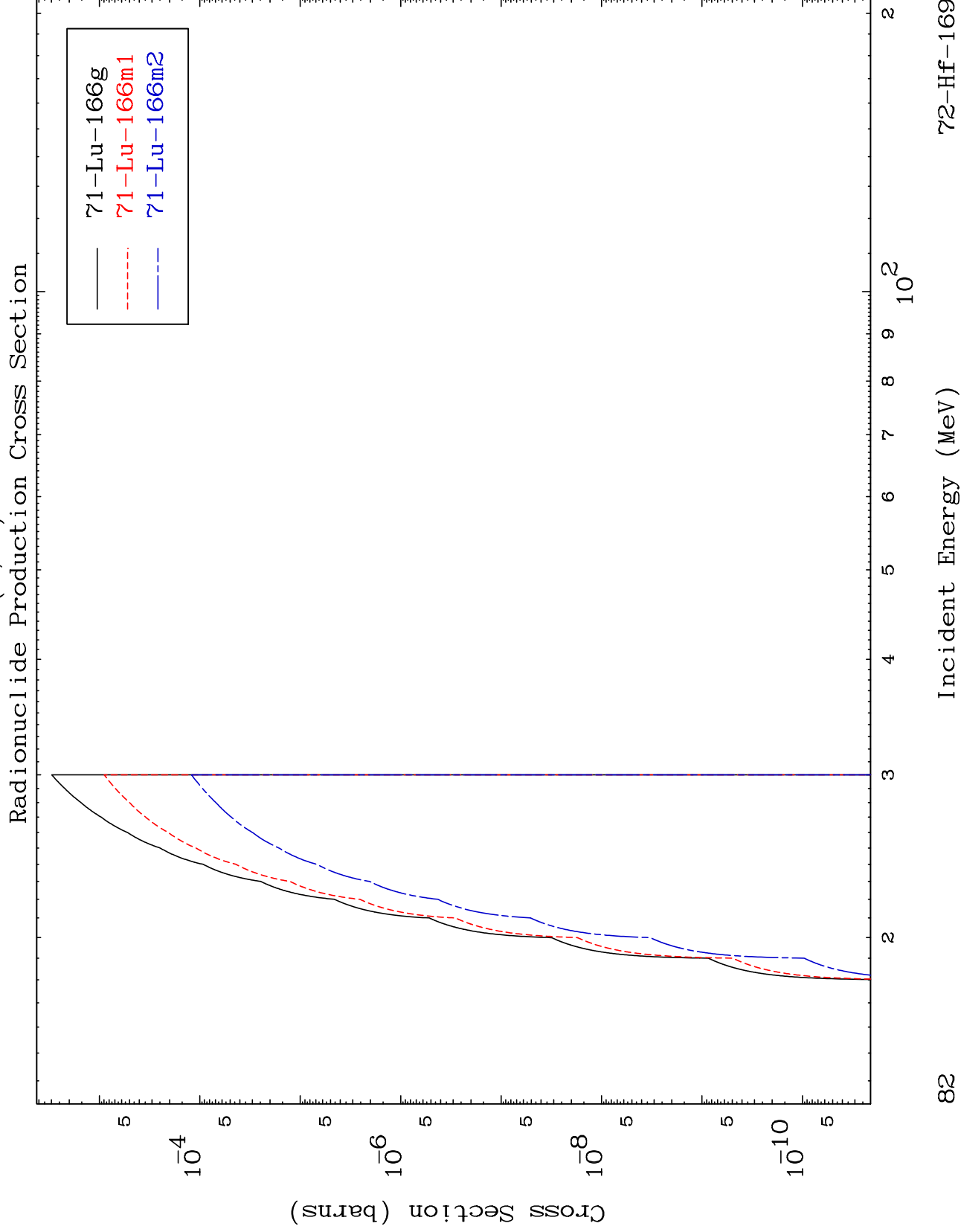
72-Hf-169



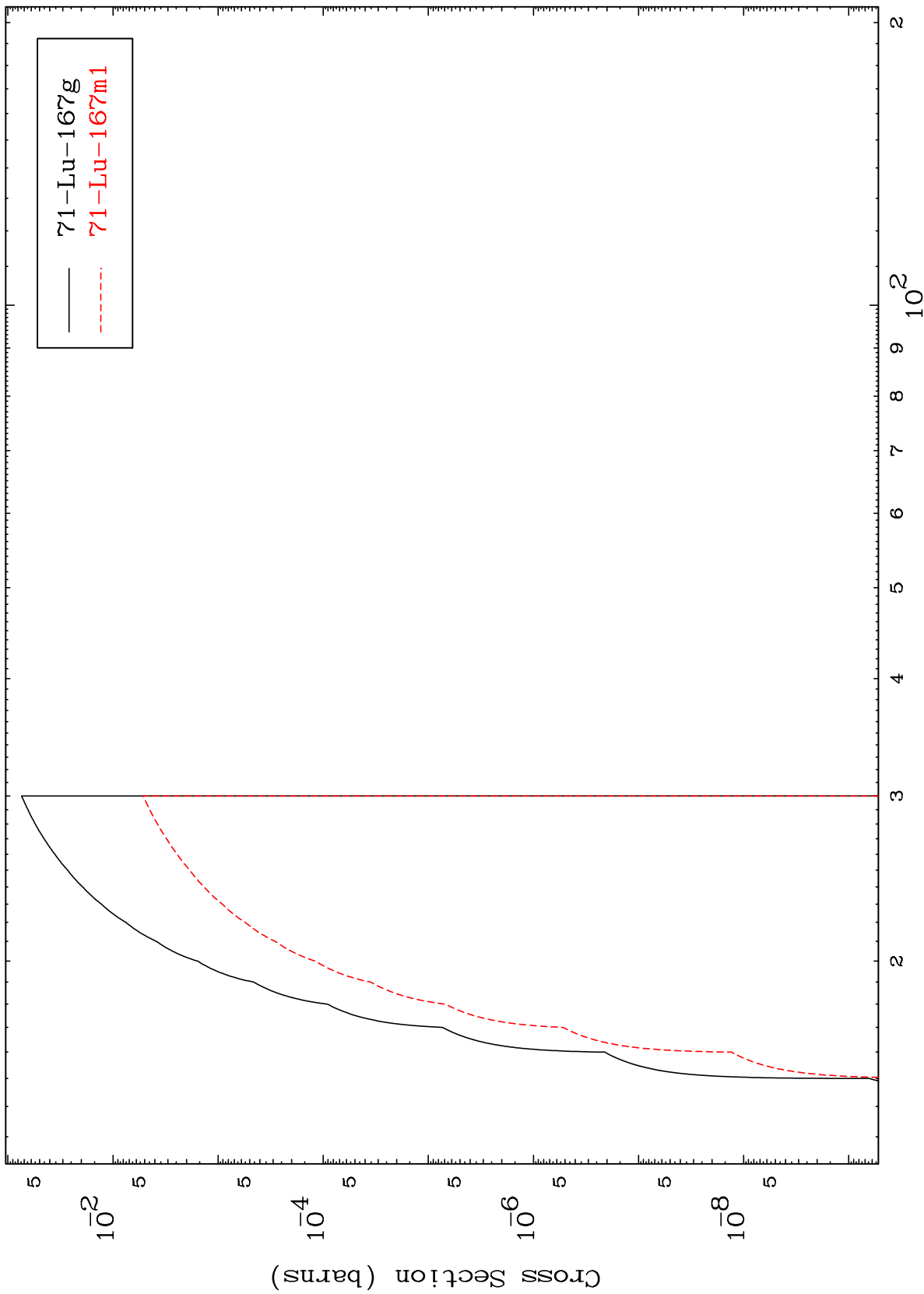
81

Incident Energy (MeV)

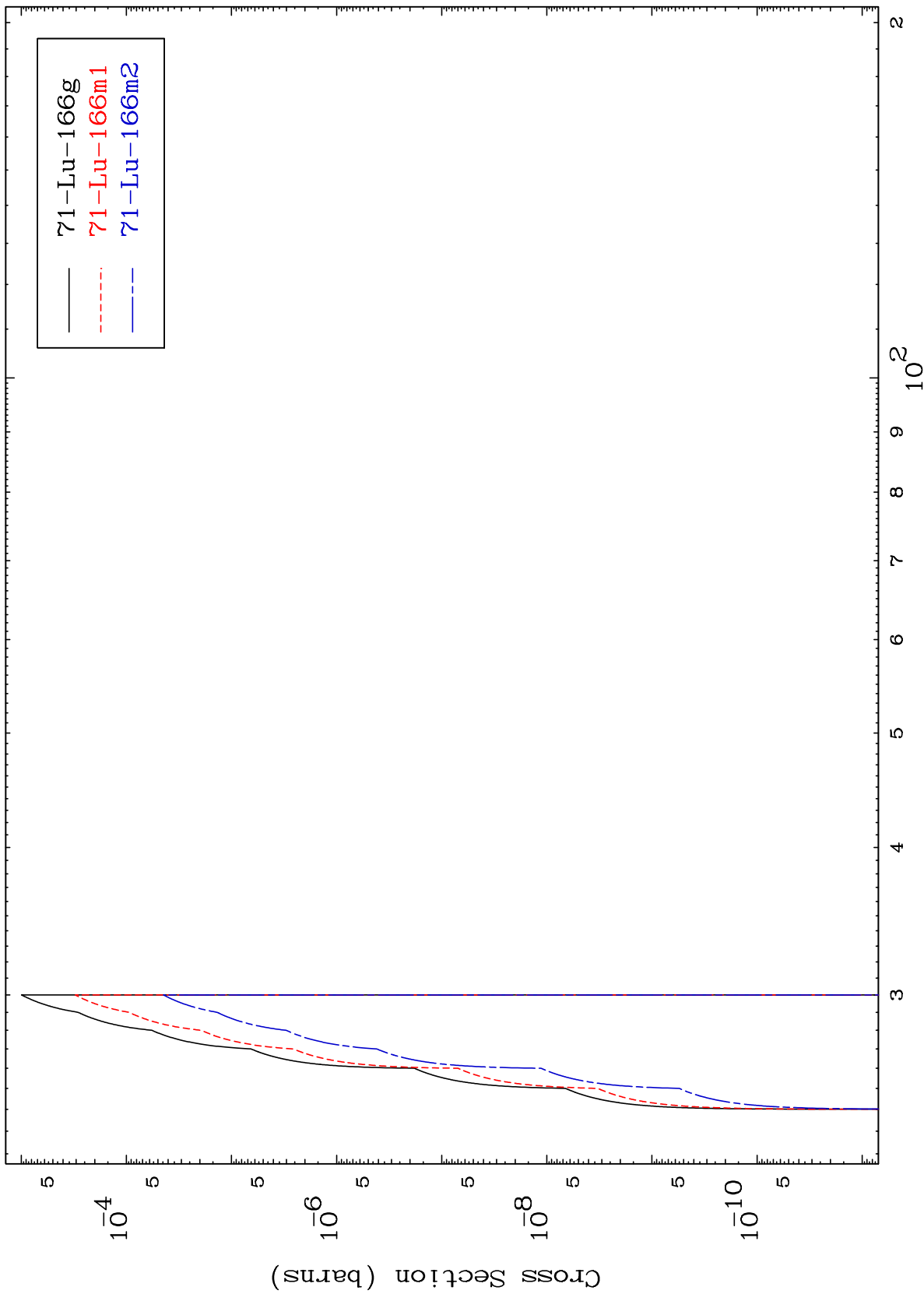
72-Hf-169



Radionuclide Production Cross Section



Radionuclide Production Cross Section

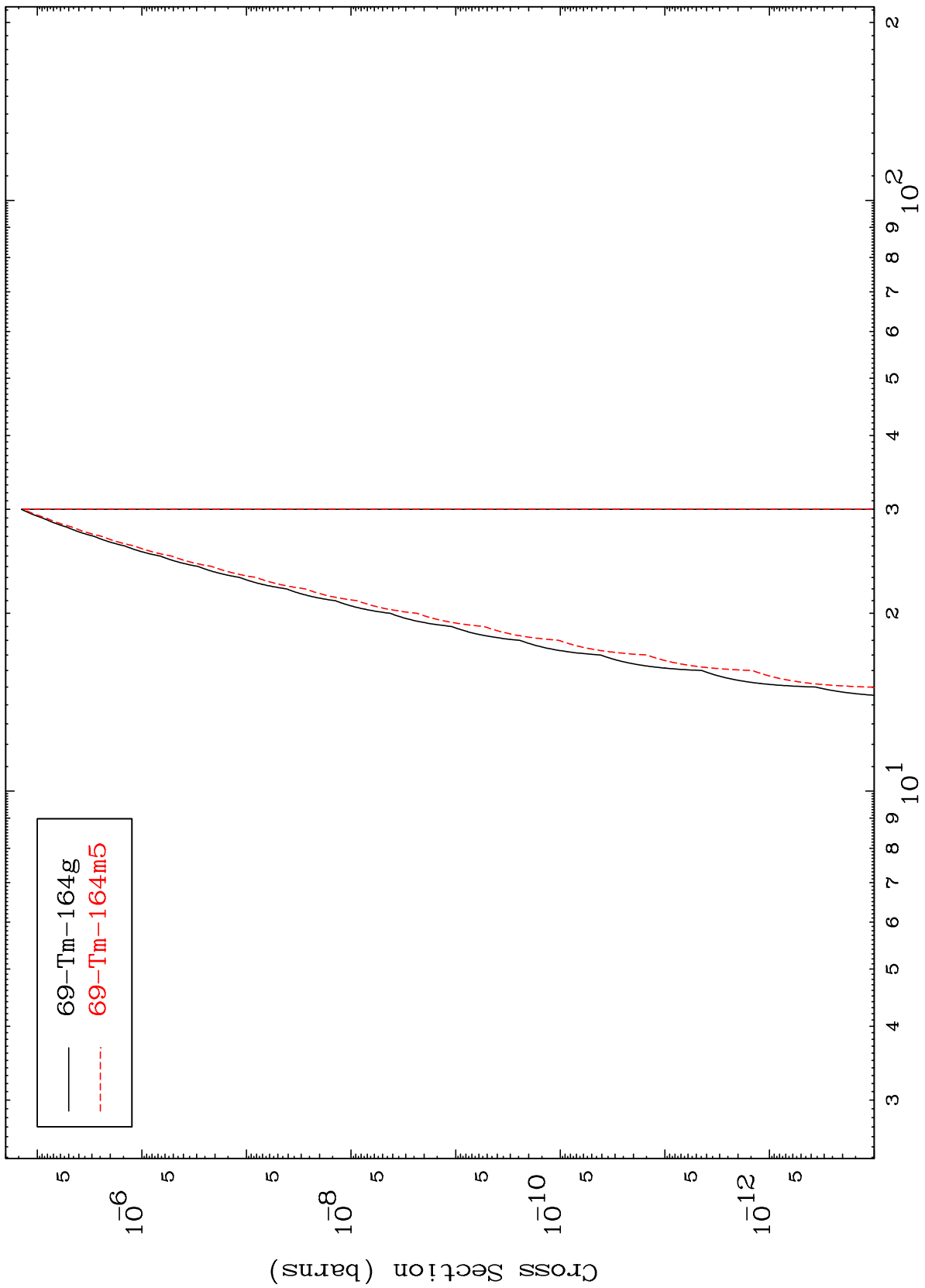


MAT 7210

(n,n') p α

72-Hf-169

Radionuclide Production Cross Section



69-Tm-164g
69-Tm-164m5

85

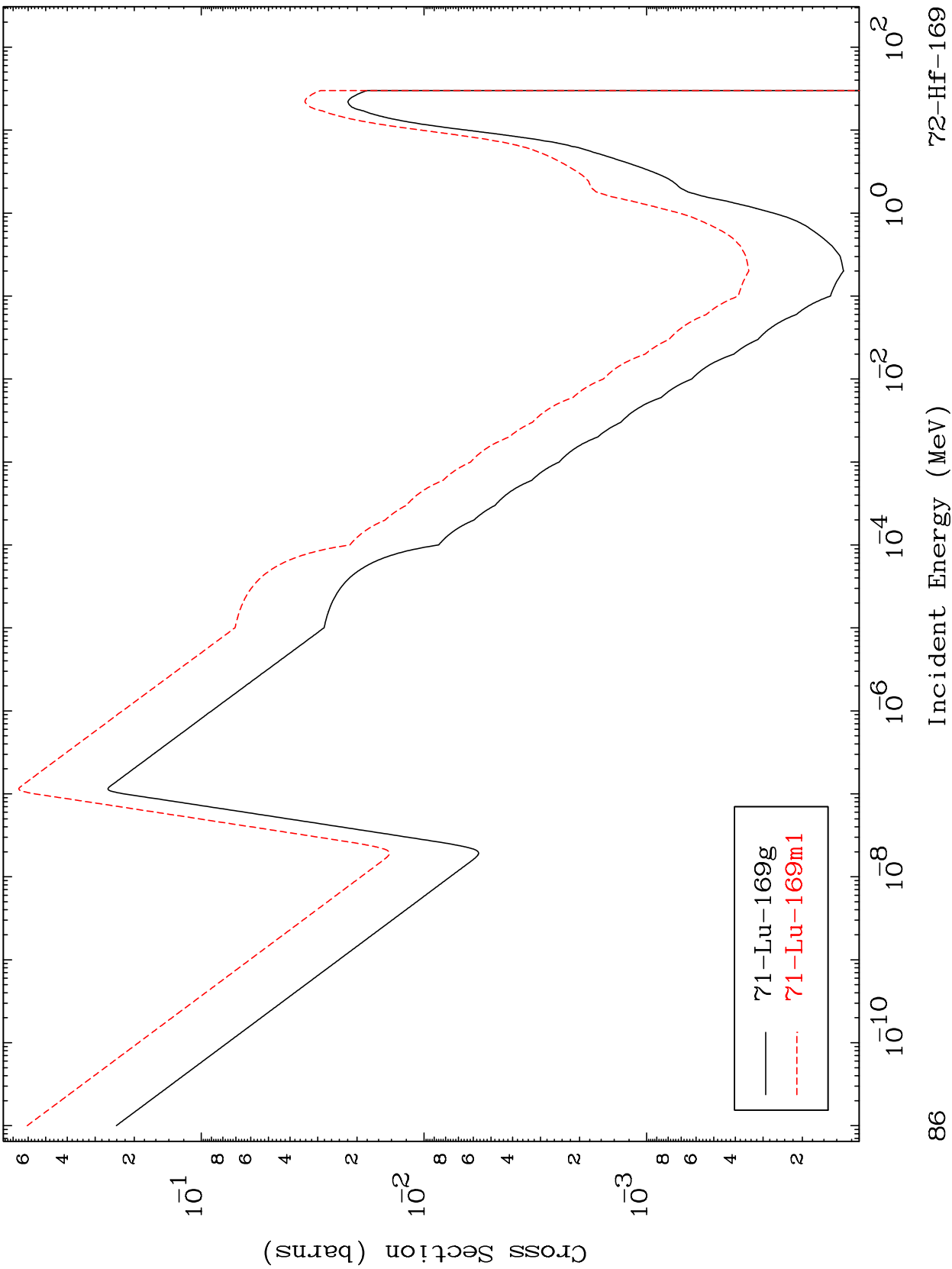
Incident Energy (MeV)

72-Hf-169

MAT 7210

72-Hf-169

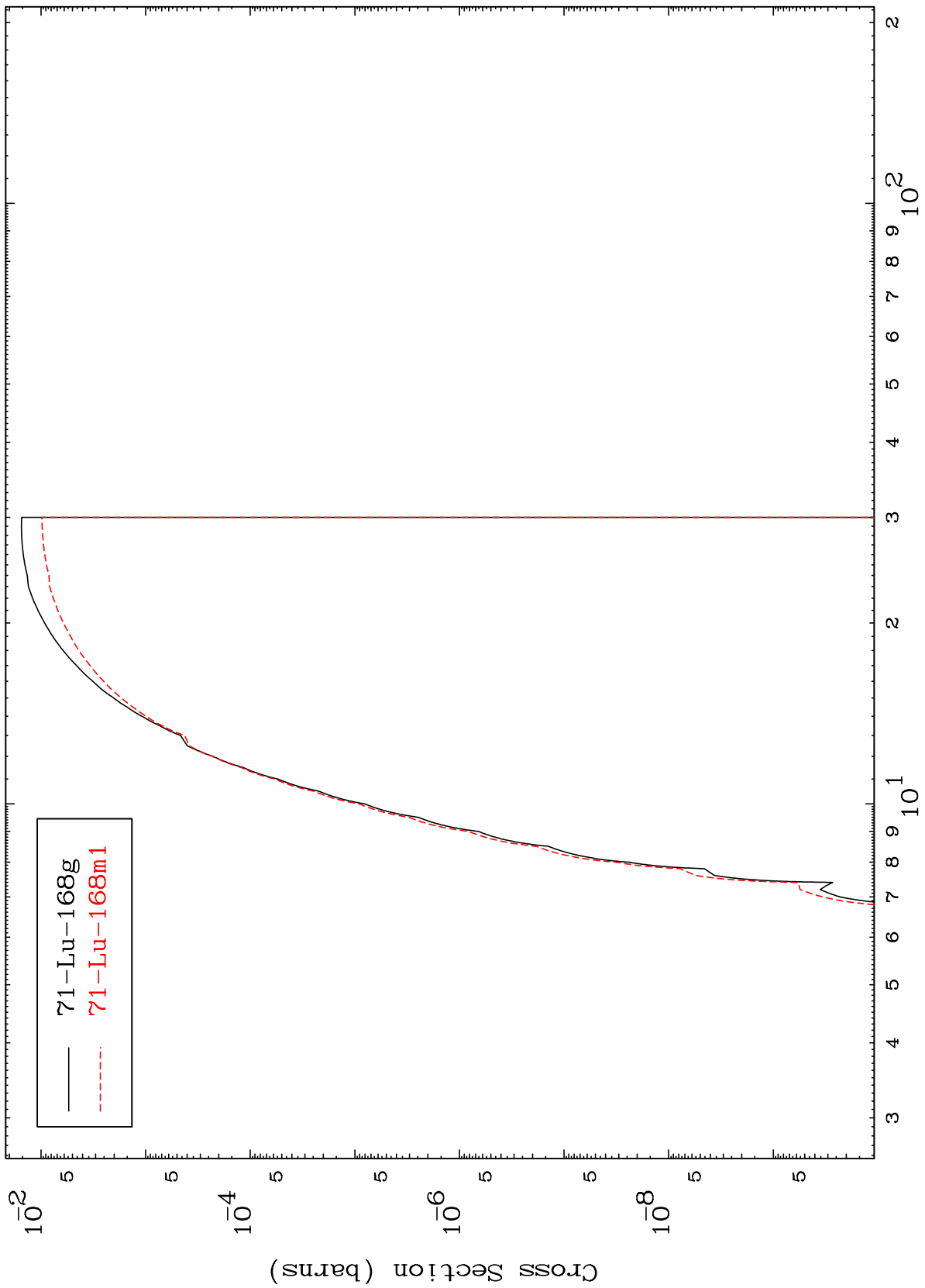
(n,p)
Radionuclide Production Cross Section



MAT 7210

72-Hf-169

(n, d)
Radionuclide Production Cross Section



87

Incident Energy (MeV)

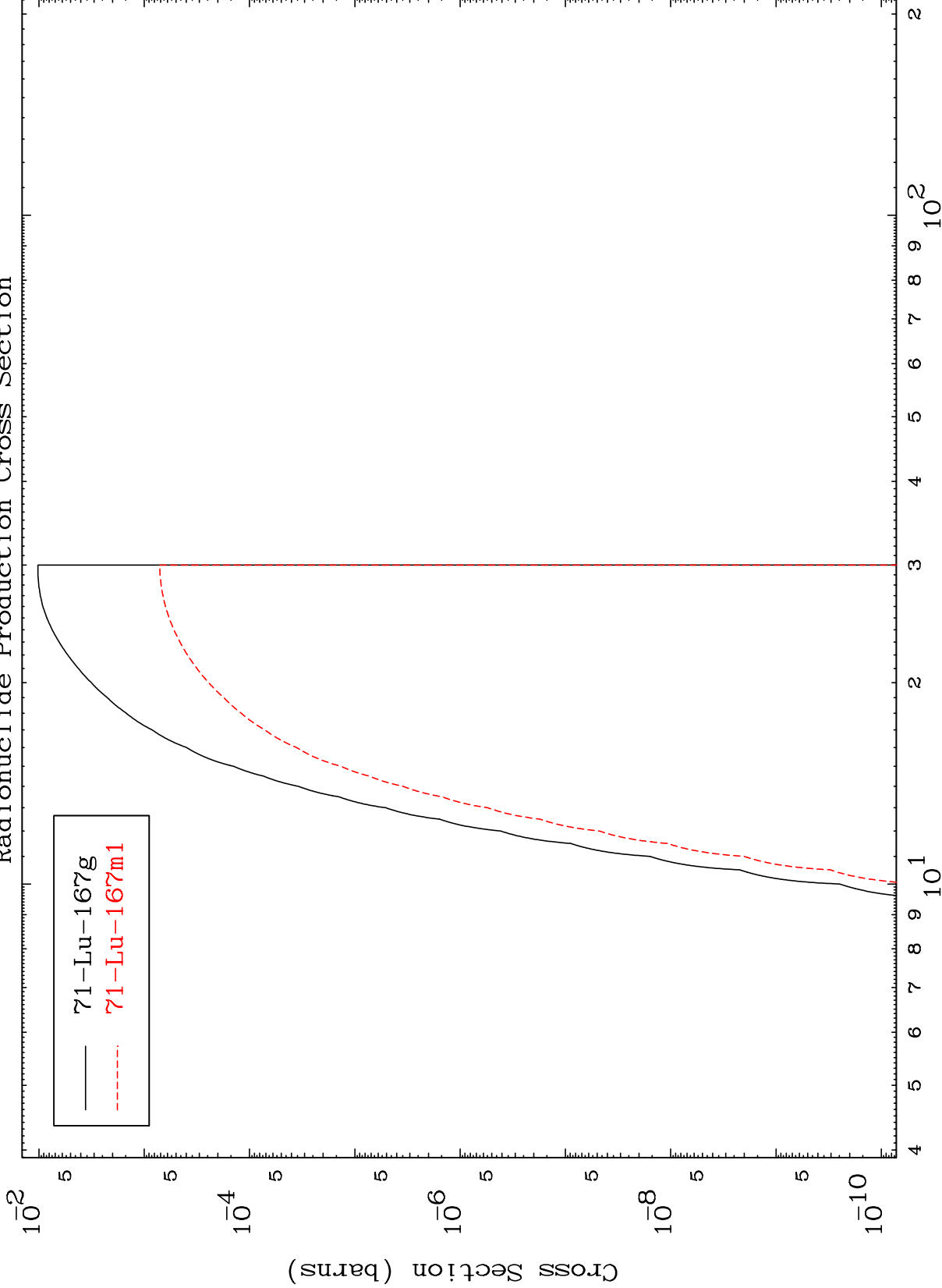
72-Hf-169

MAT 7210

(n, t)

72-Hf-169

Radionuclide Production Cross Section

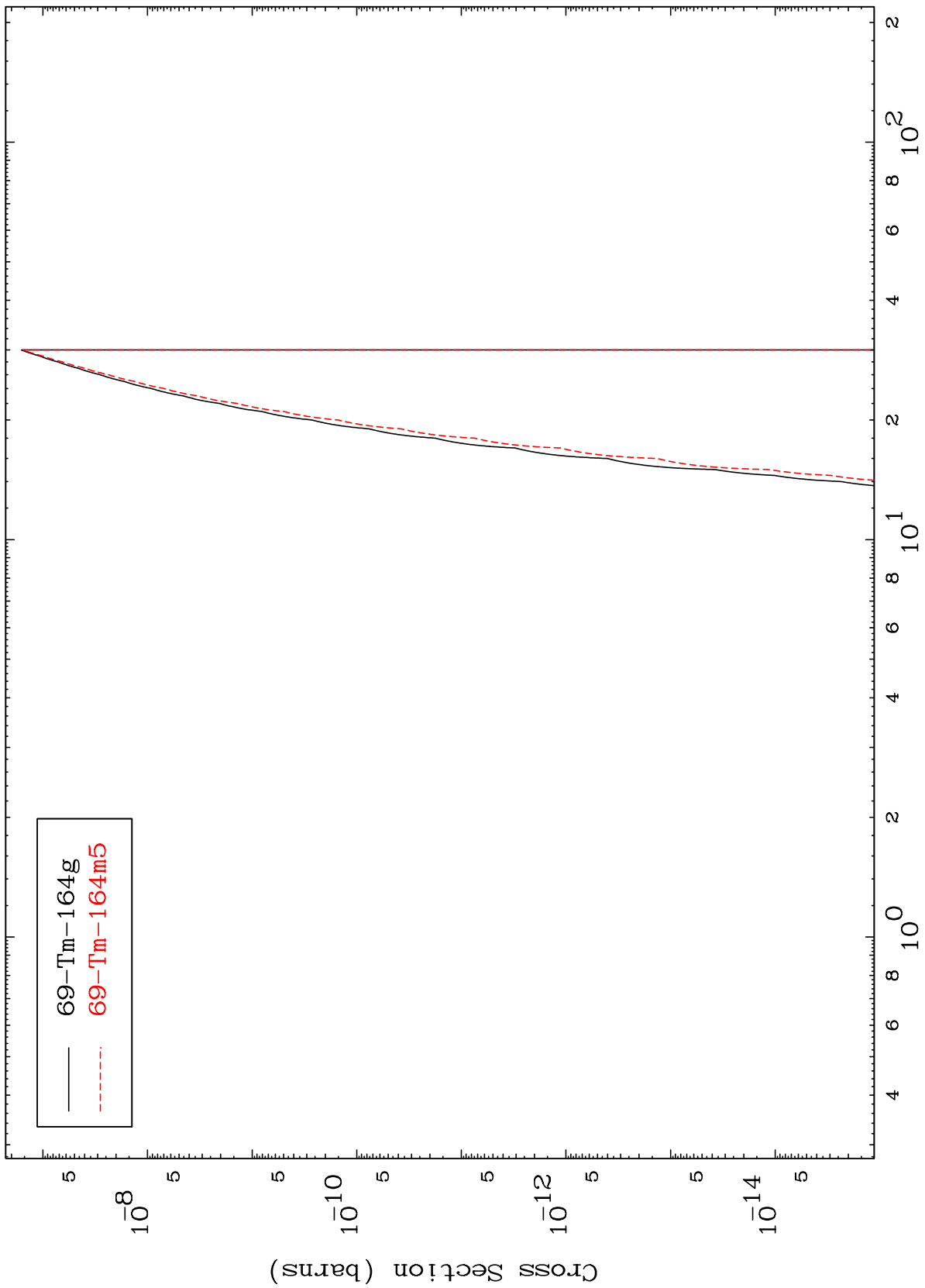


MAT 7210

(n,d) α

72-Hf-169

Radionuclide Production Cross Section



69-Tm-164g
69-Tm-164m5