

Program EVALPLOT
(Version 2018-1)

by

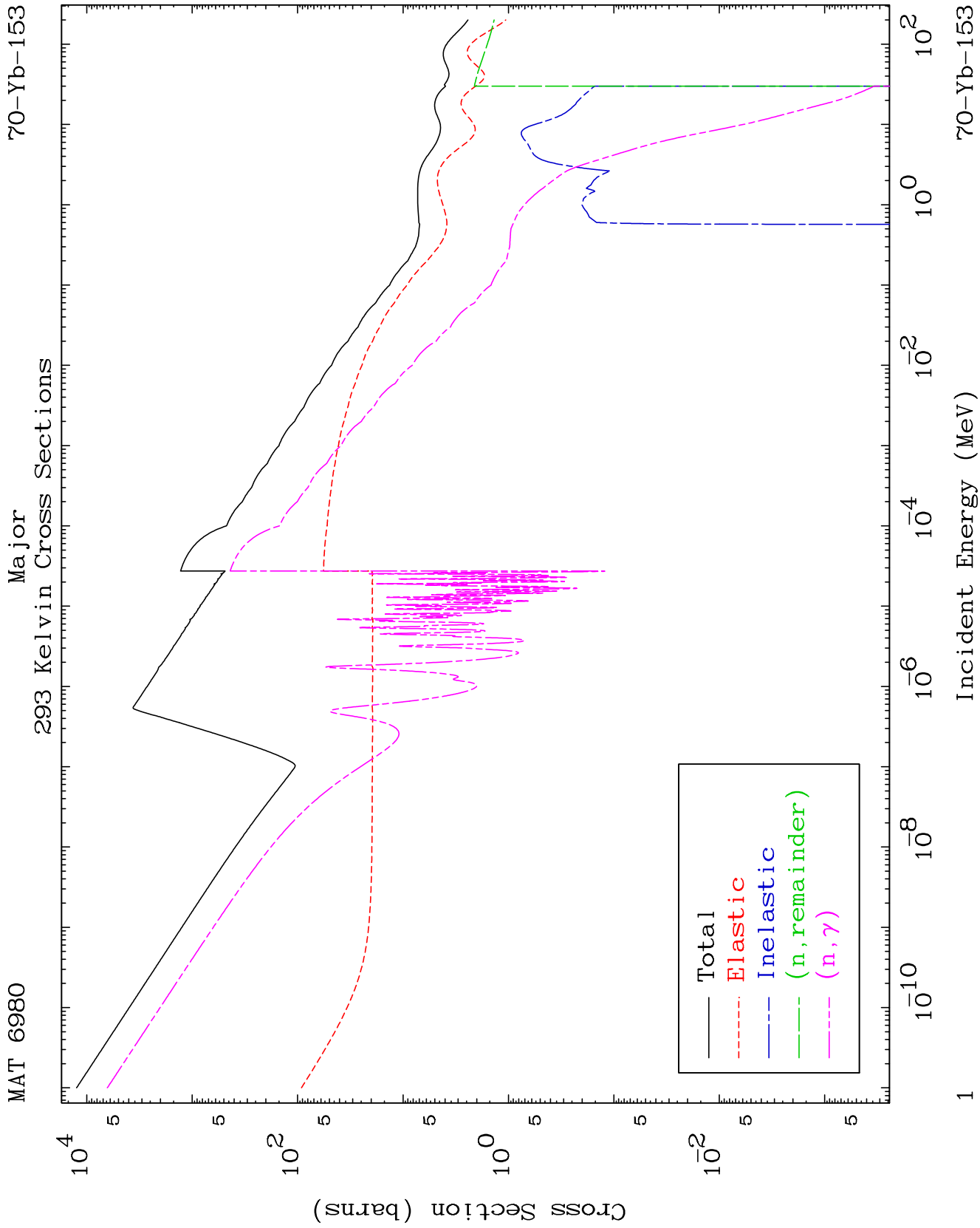
Dermott E. Cullen
(Present Contact Information)

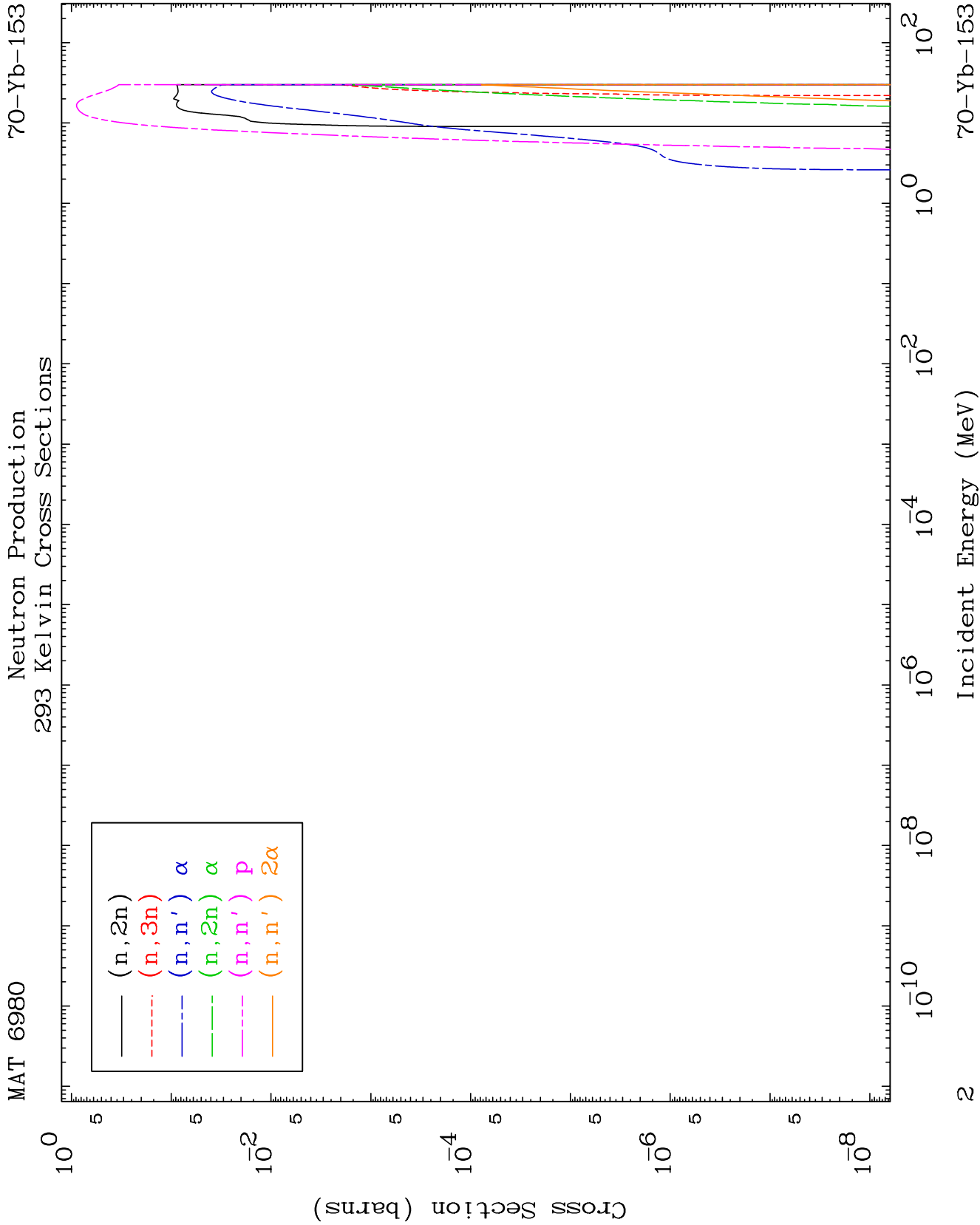
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

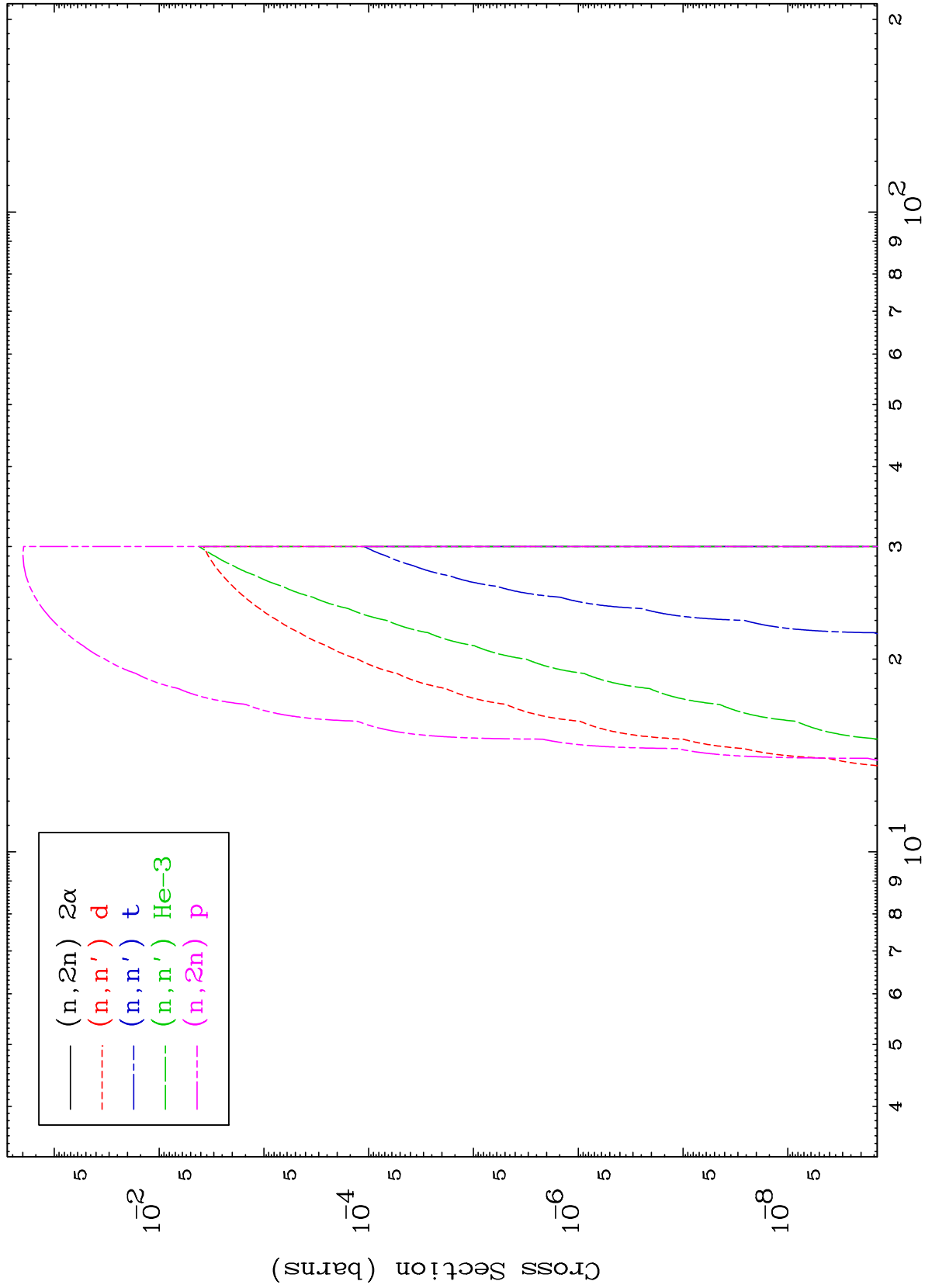
Tele: 925-443-1911

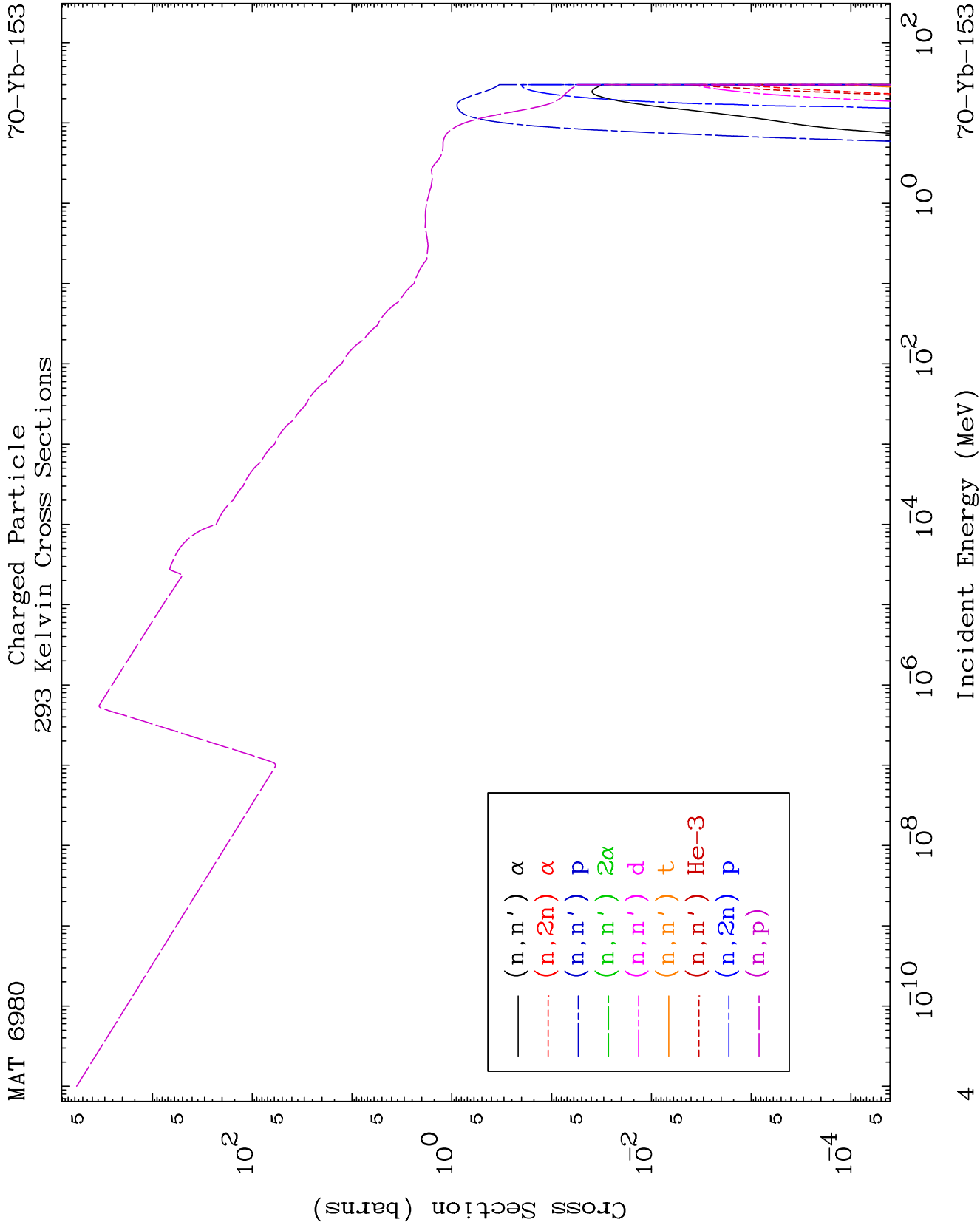
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

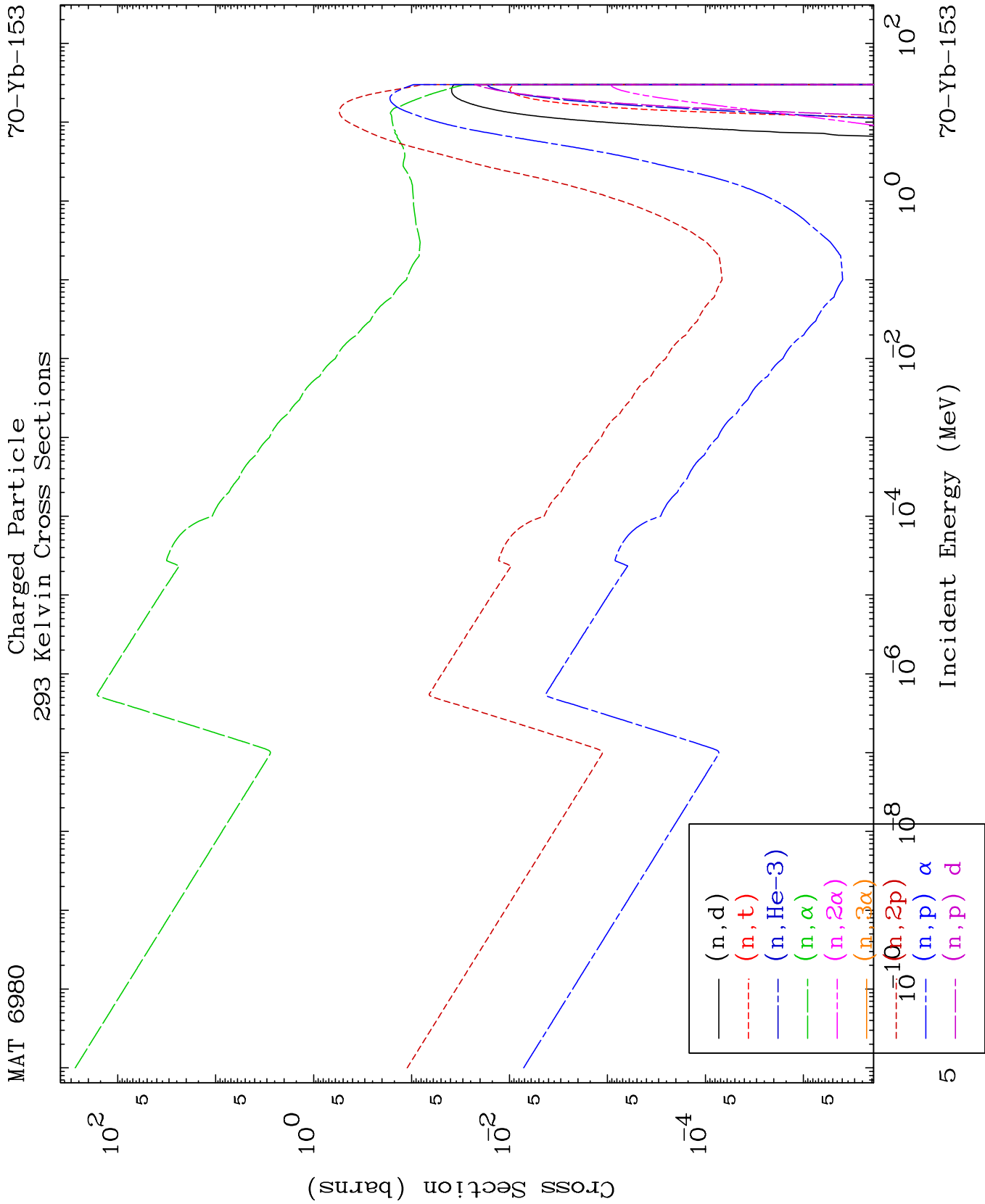
Press Mouse Button to Start







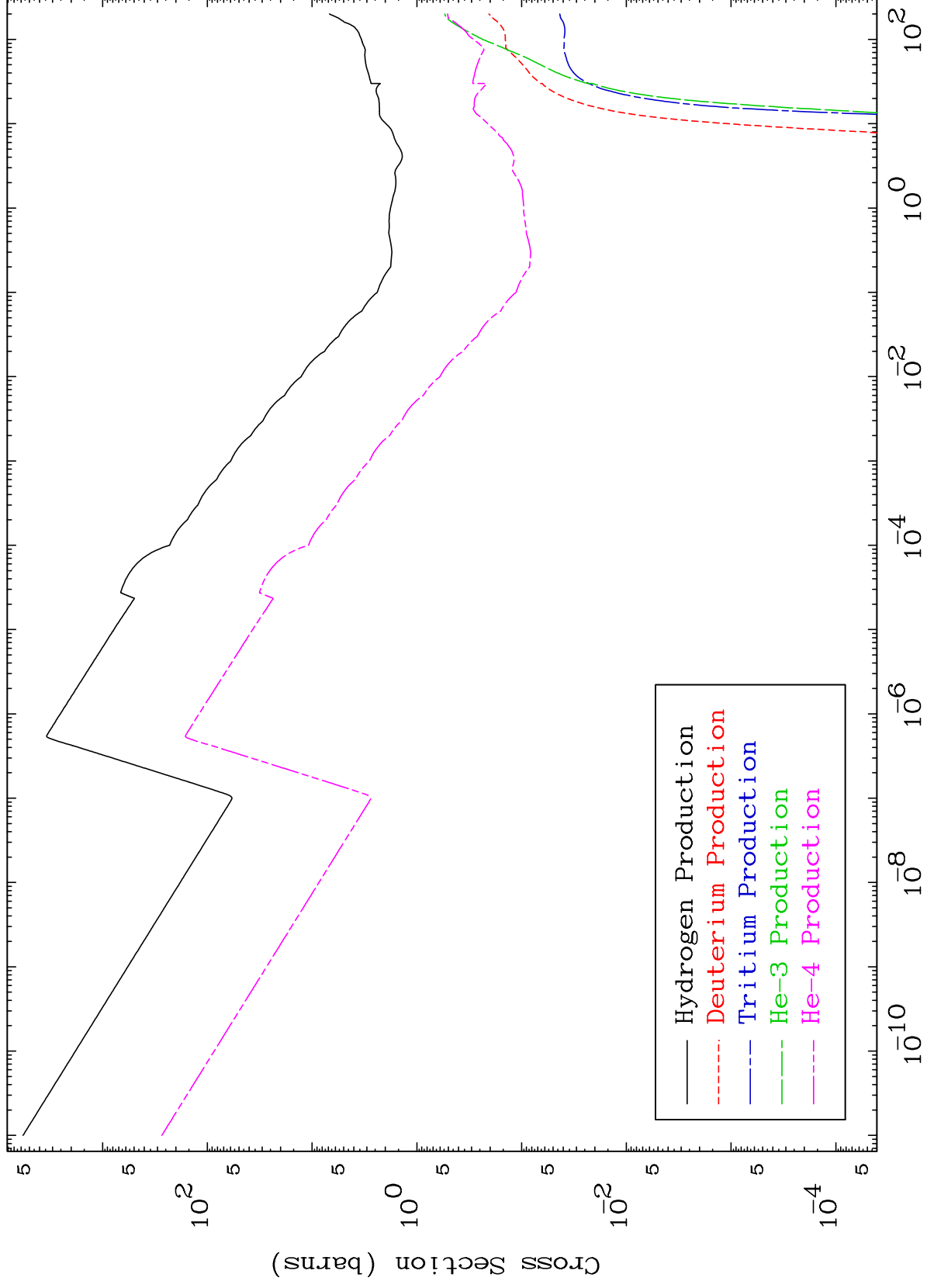




MAT 6980

Particle Production
293 Kelvin Cross Sections

70-Yb-153

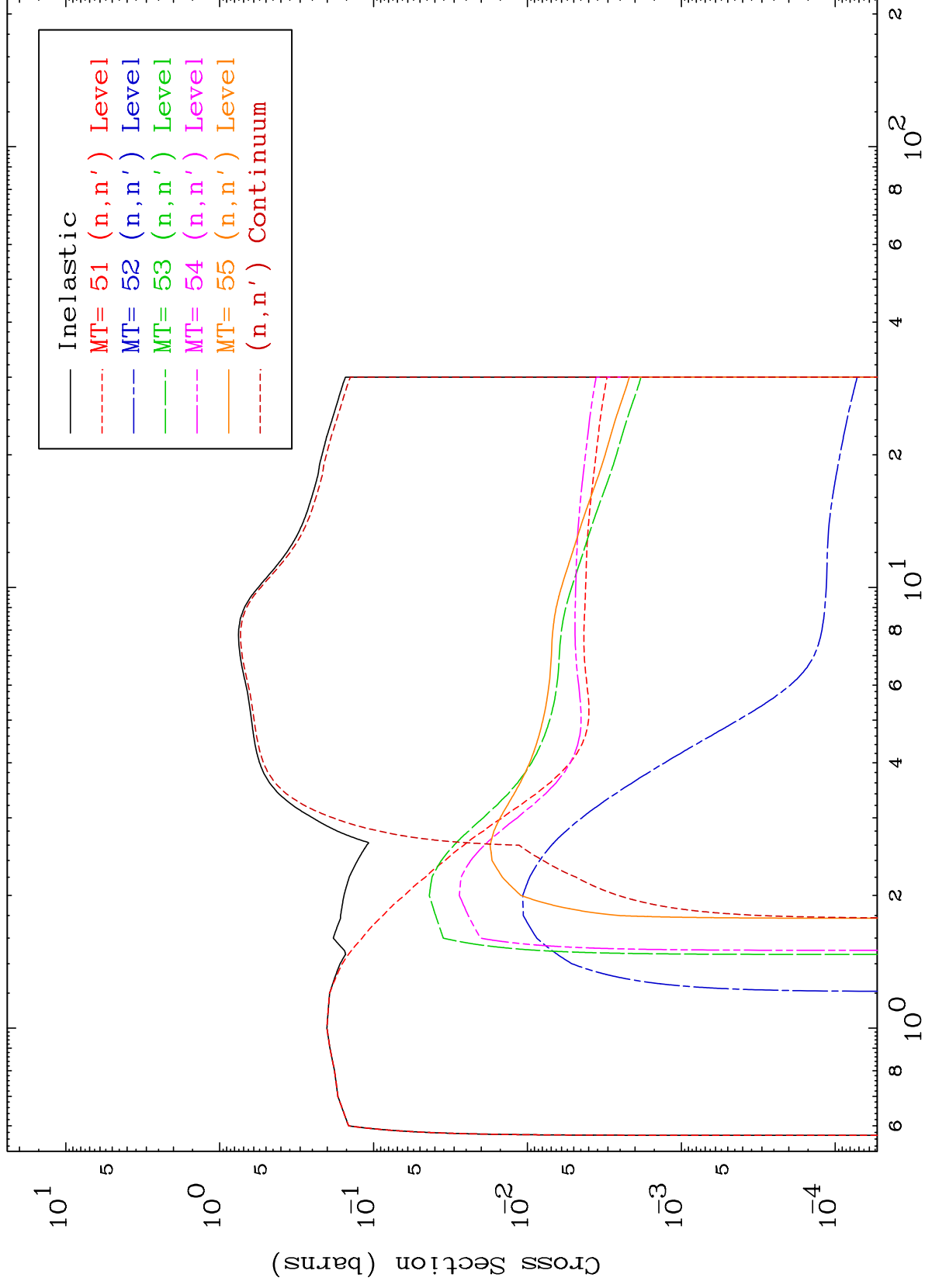


MAT 6980

(n,n') Level

293 Kelvin Cross Sections

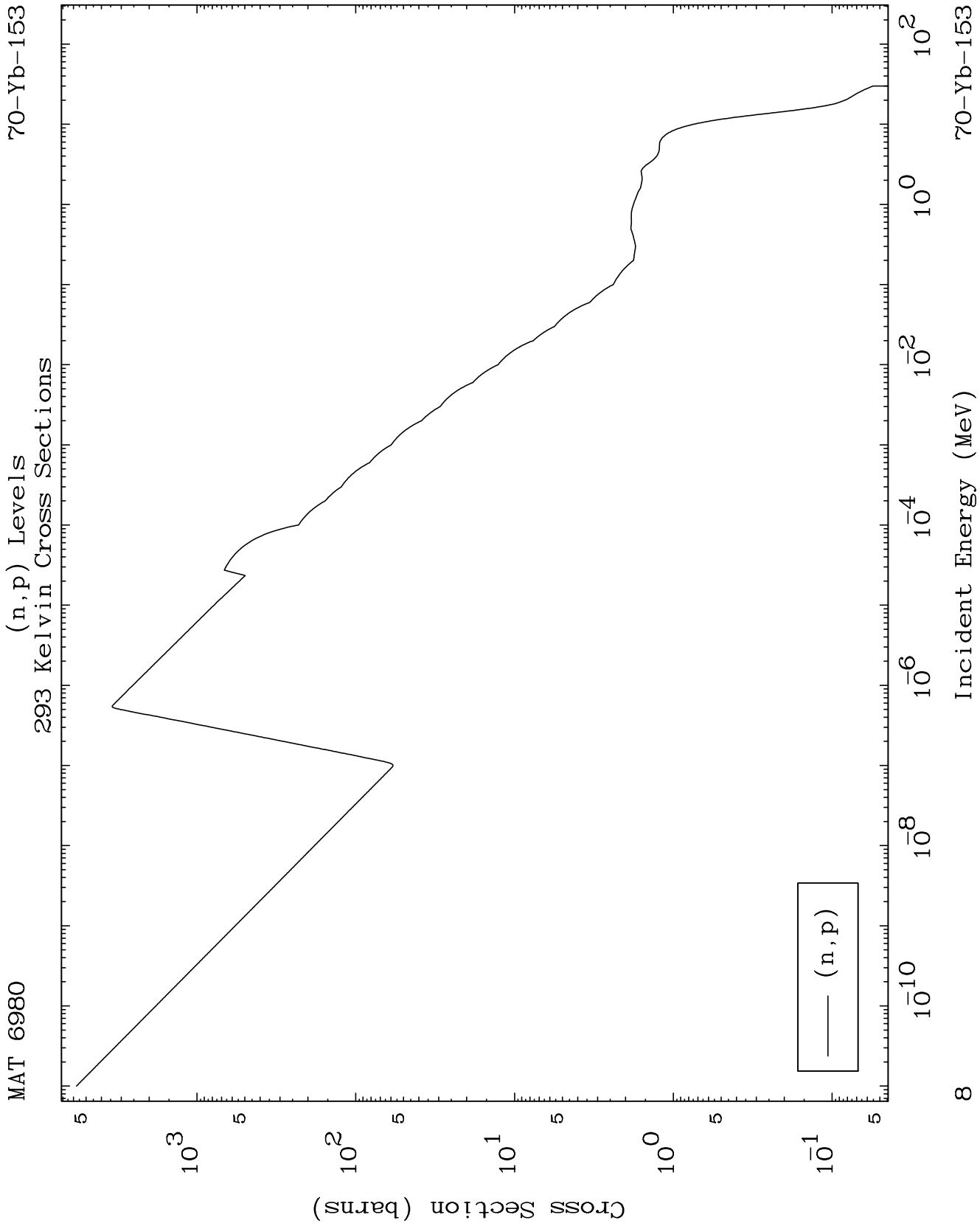
70-Yb-153

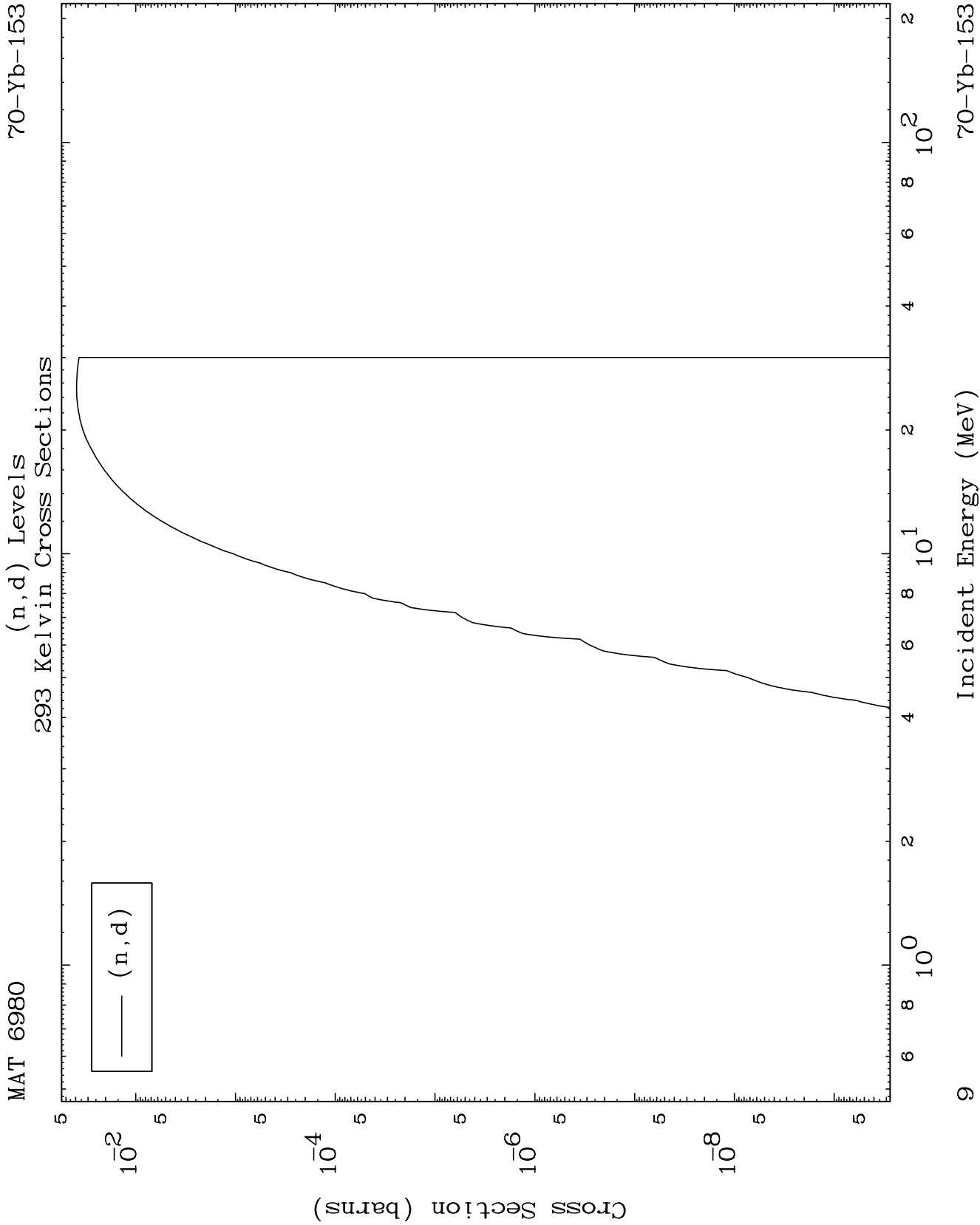


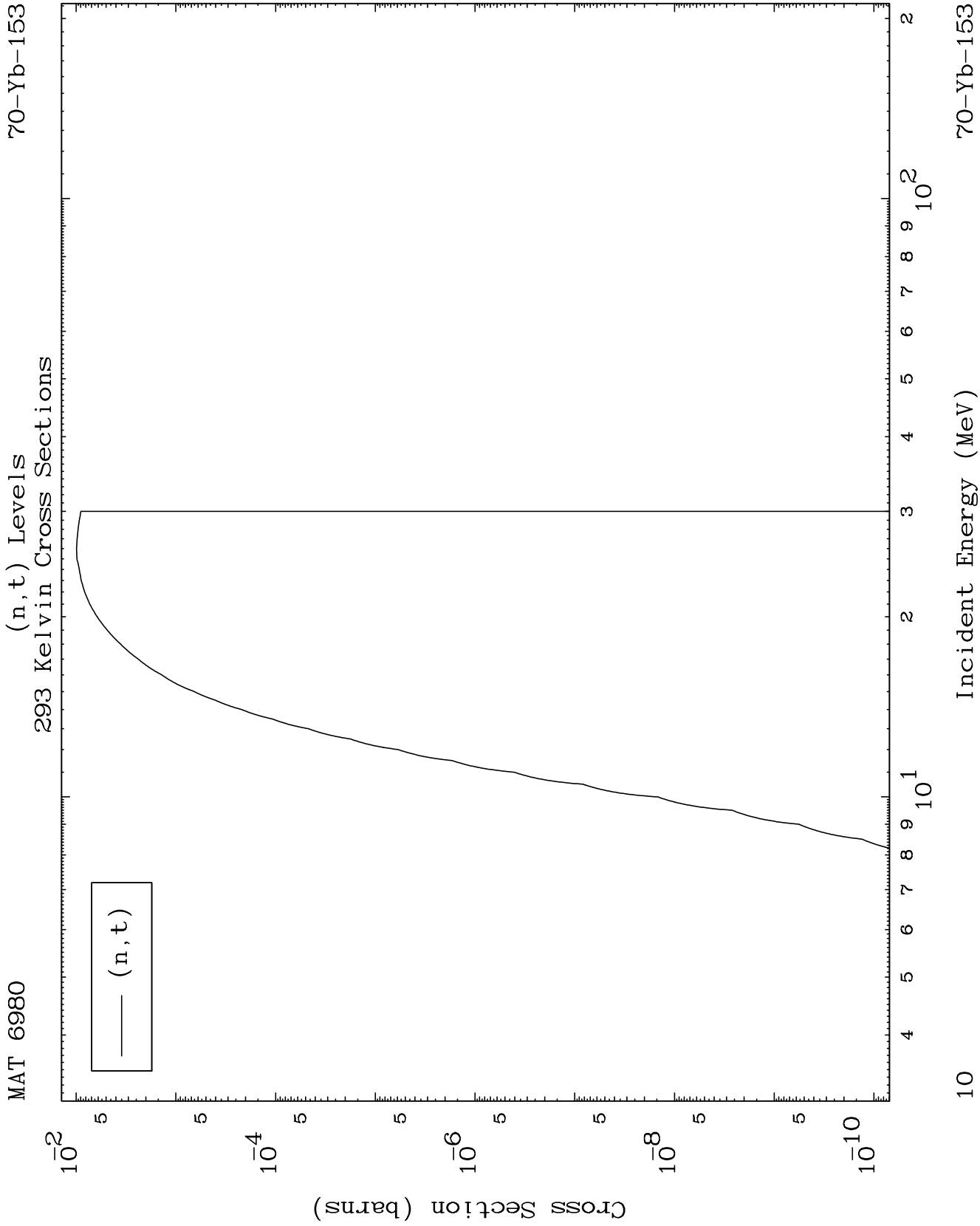
7

Incident Energy (MeV)

70-Yb-153



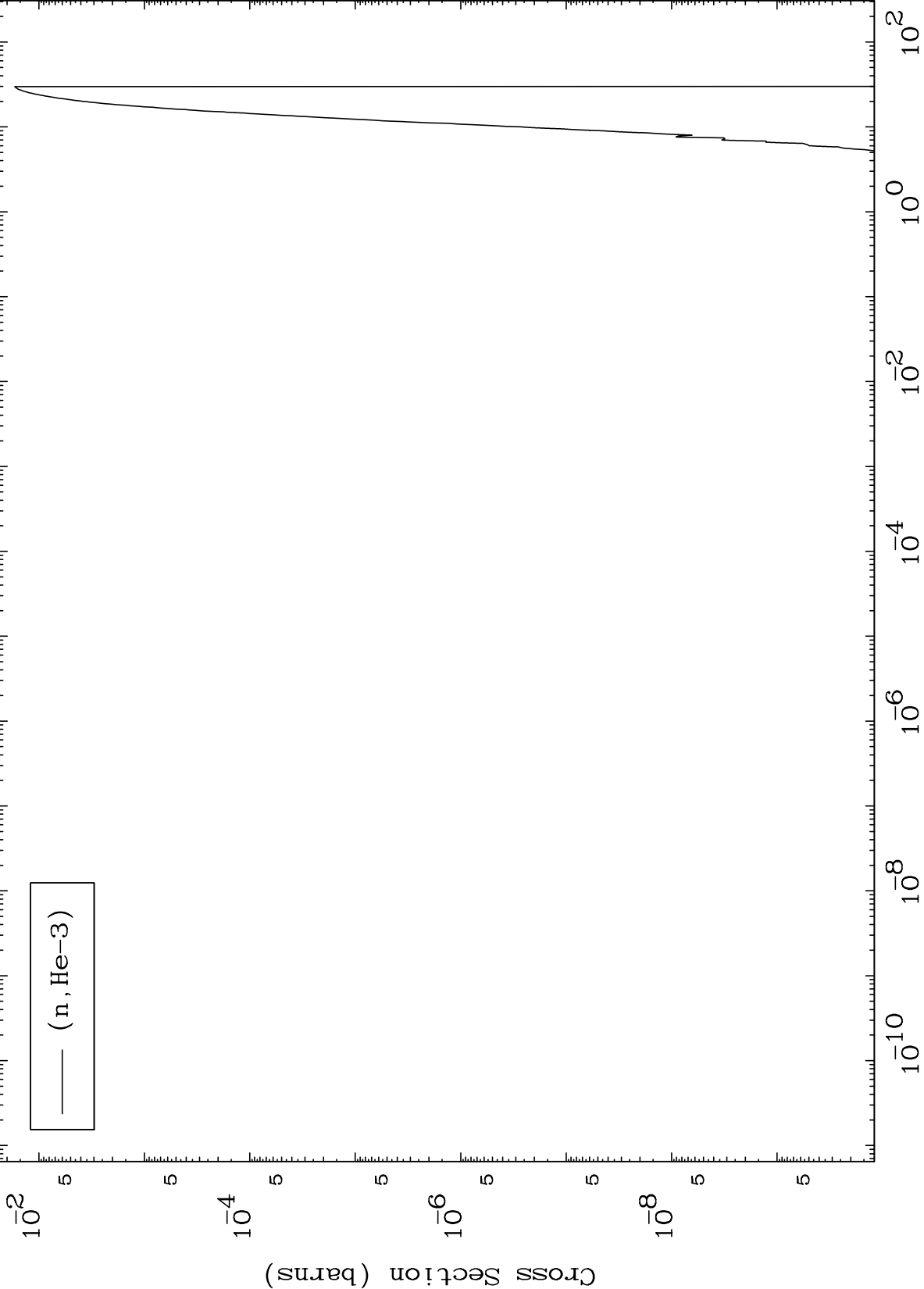


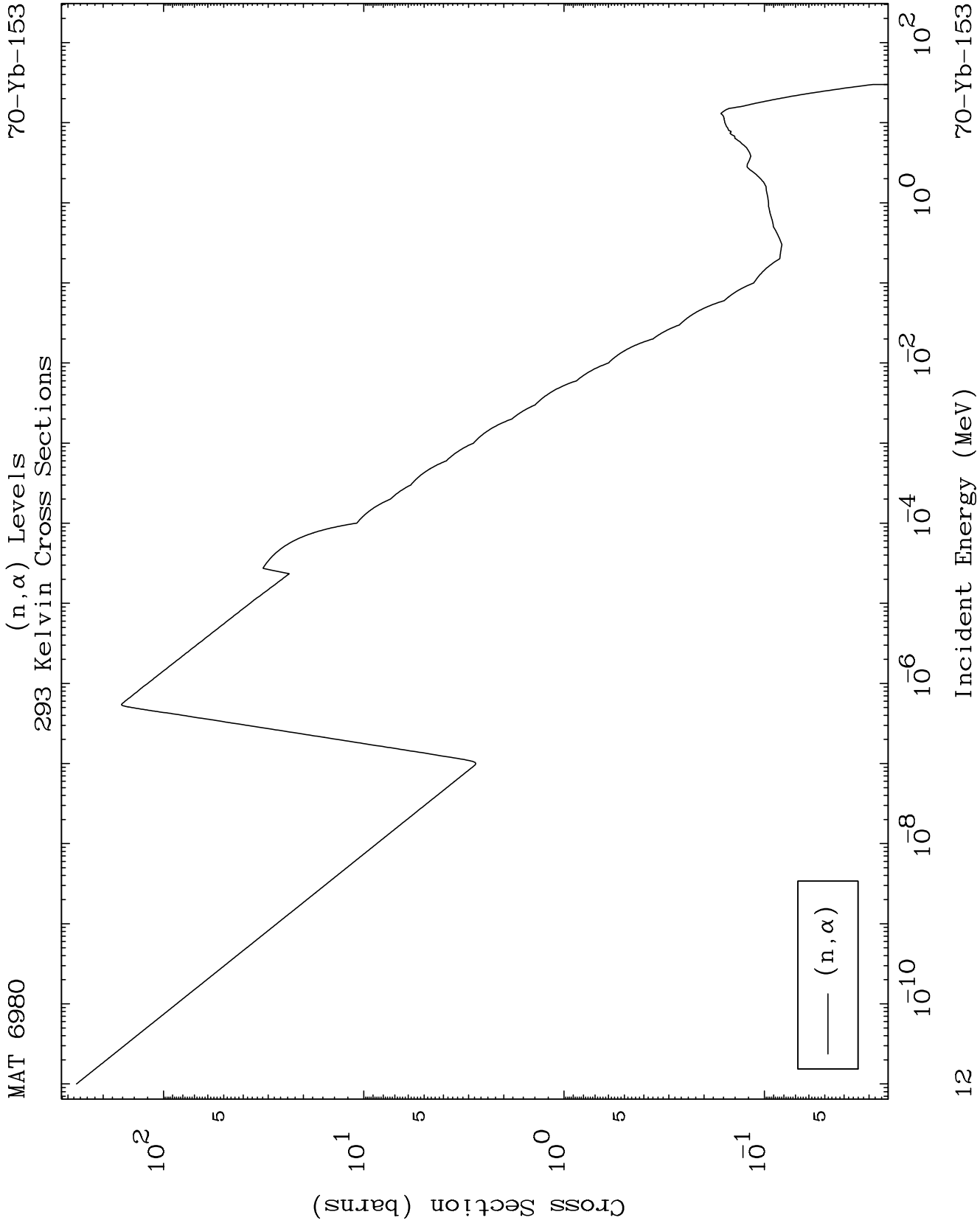


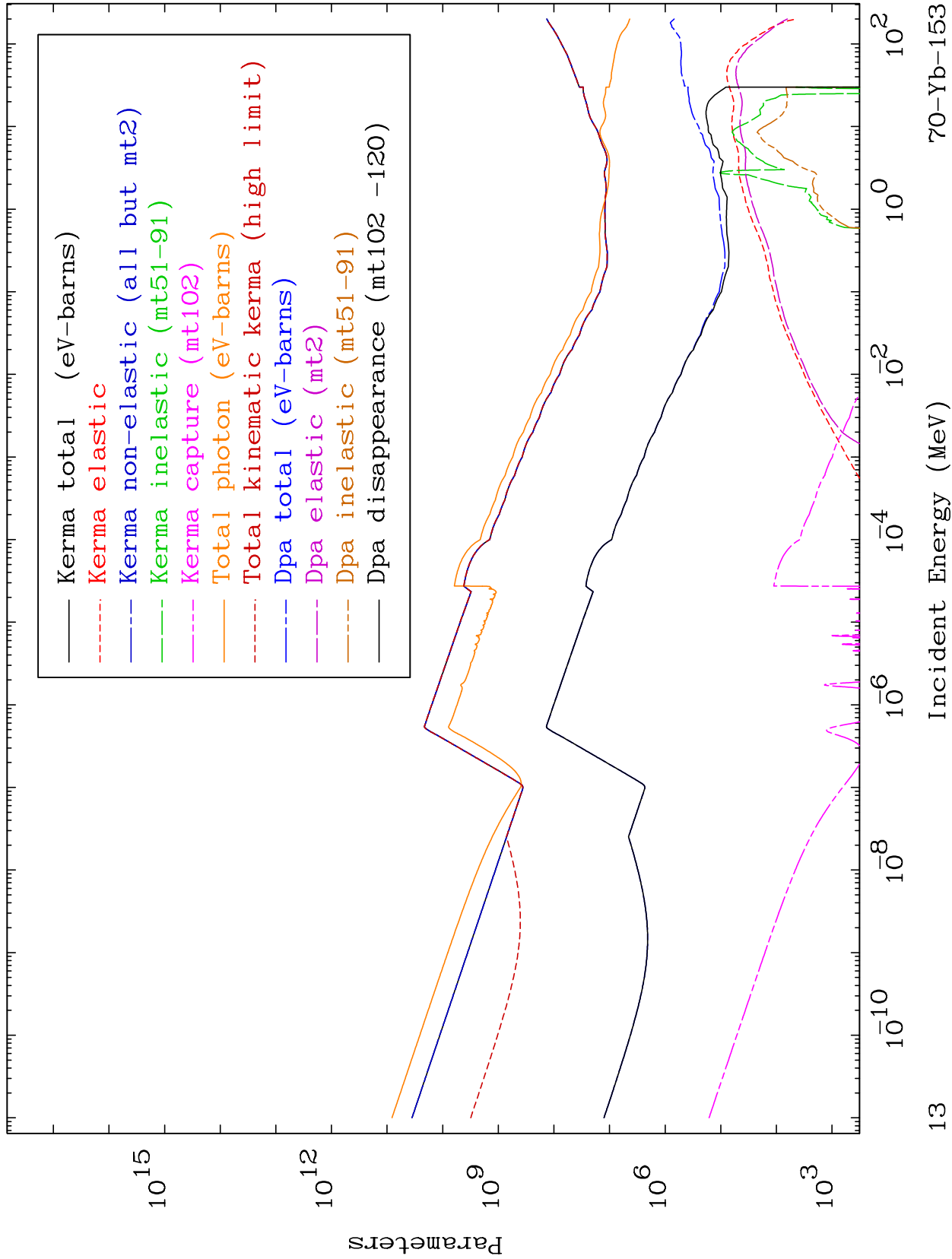
MAT 6980

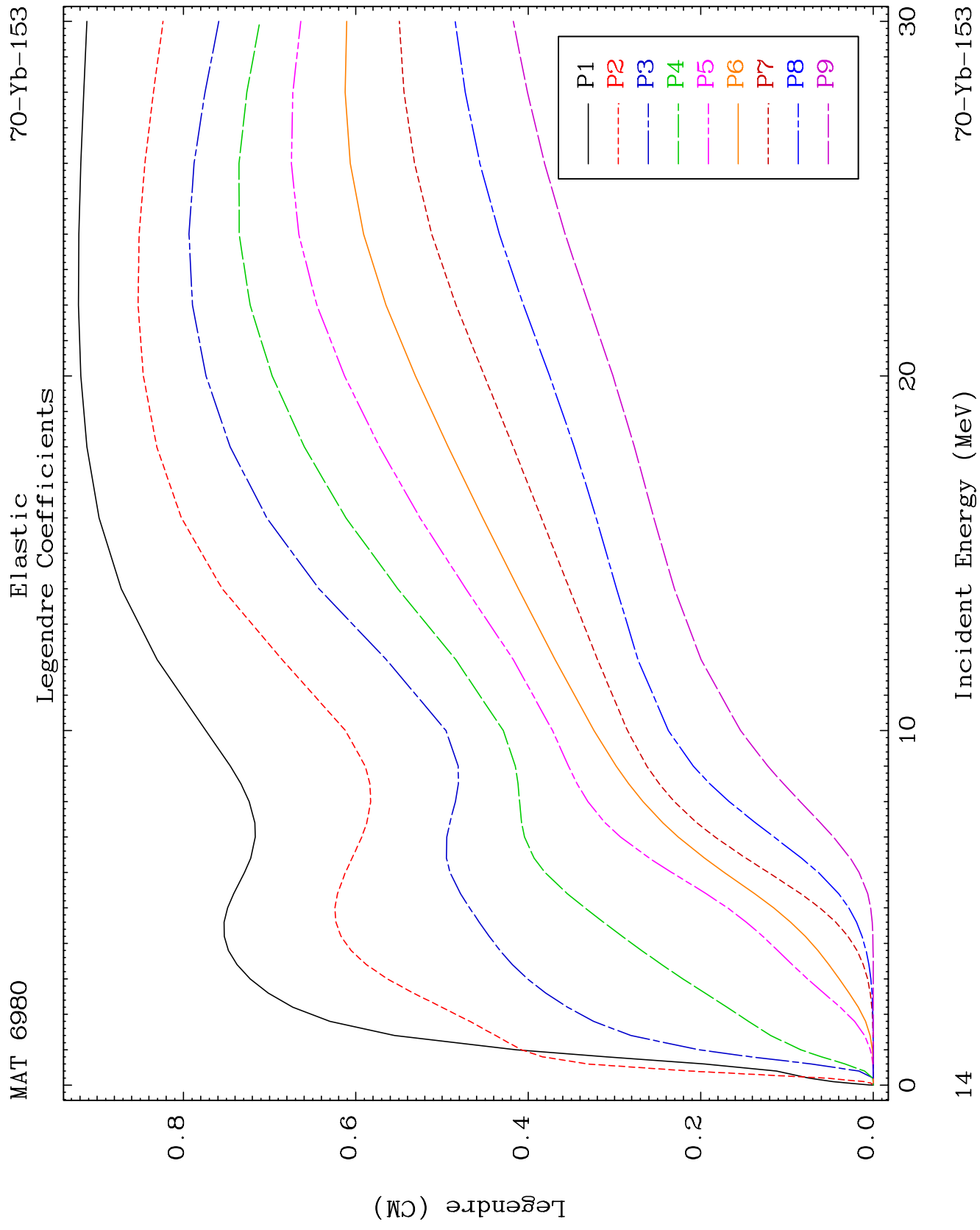
(n,He3) Levels
293 Kelvin Cross Sections

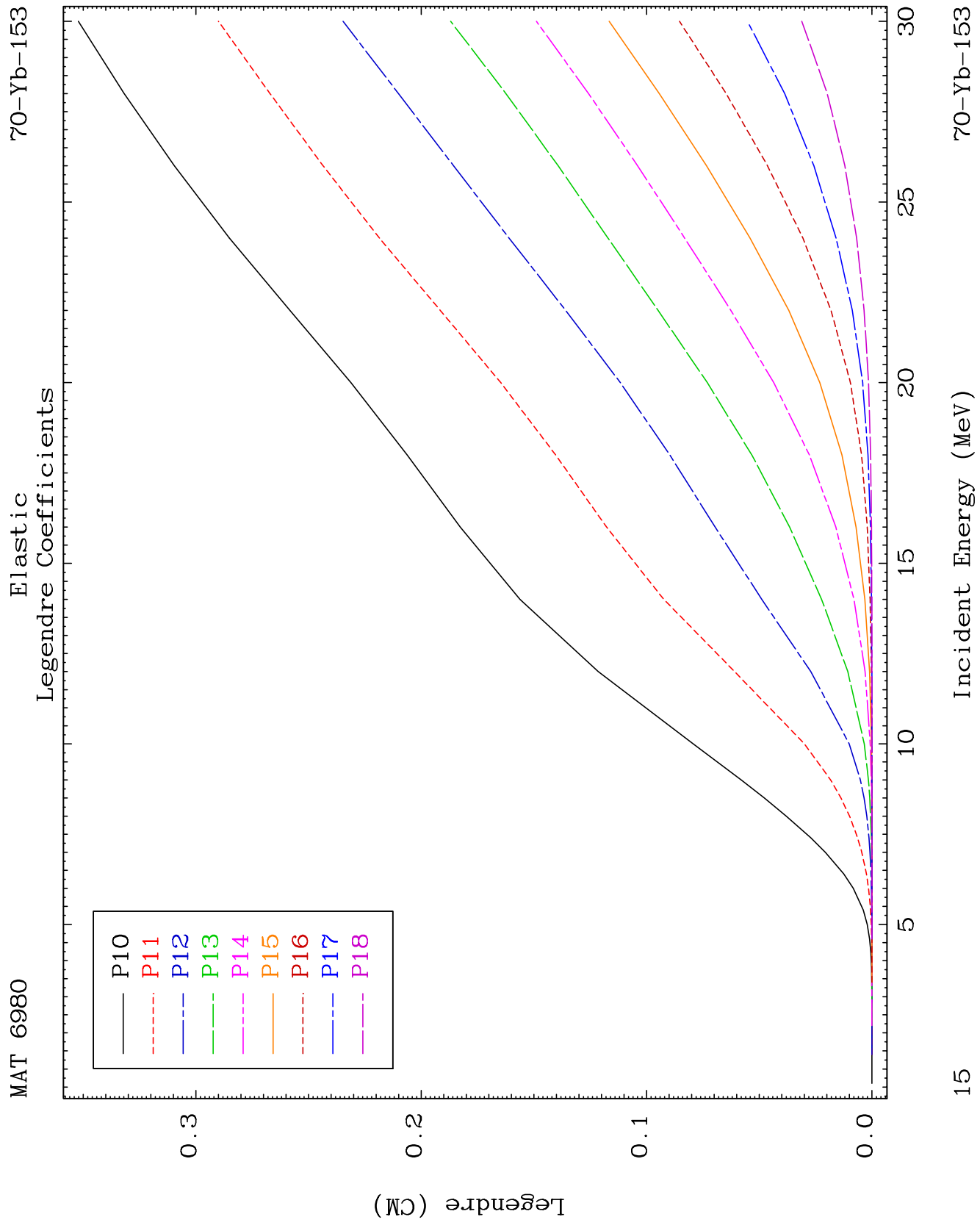
70-Yb-153

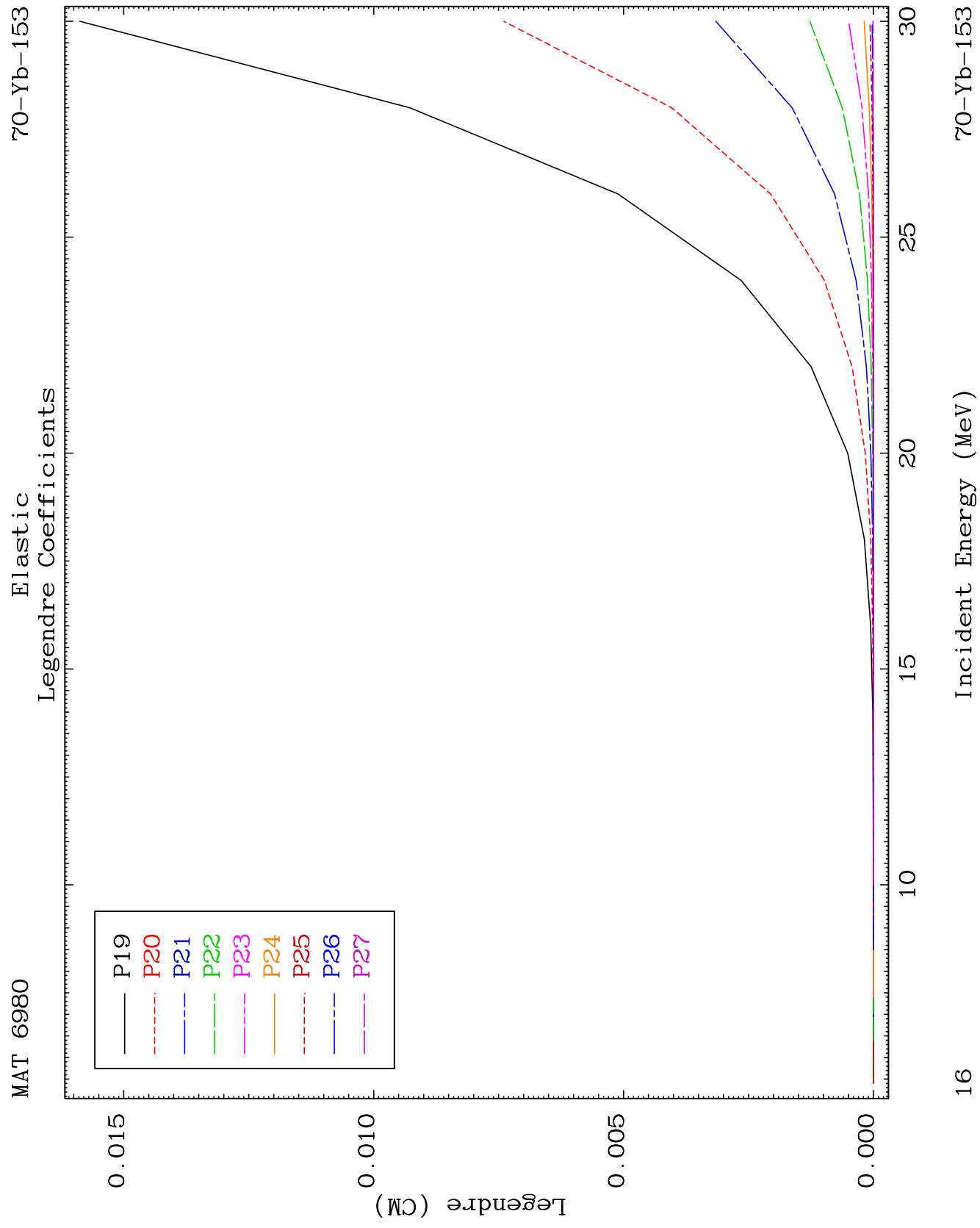


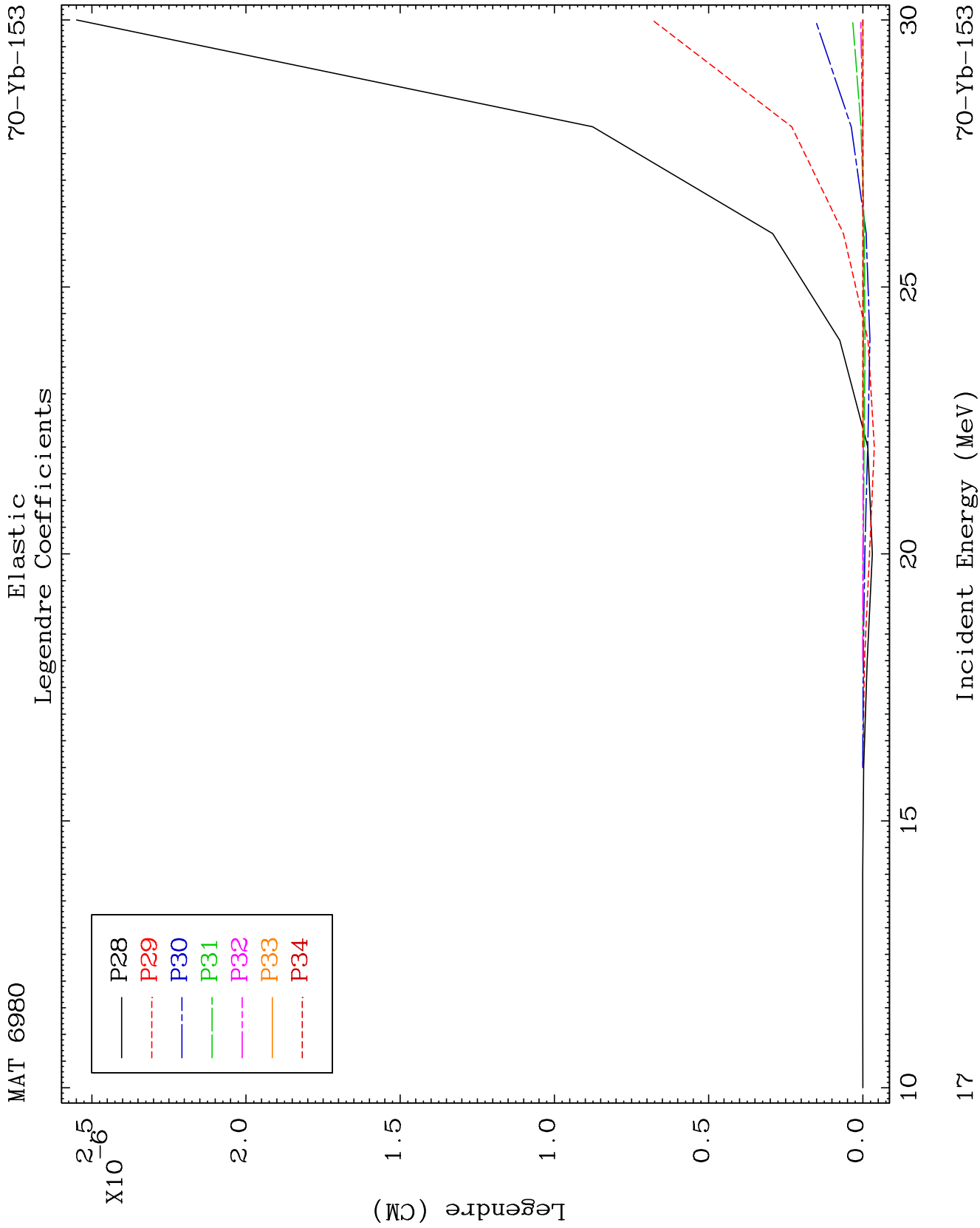








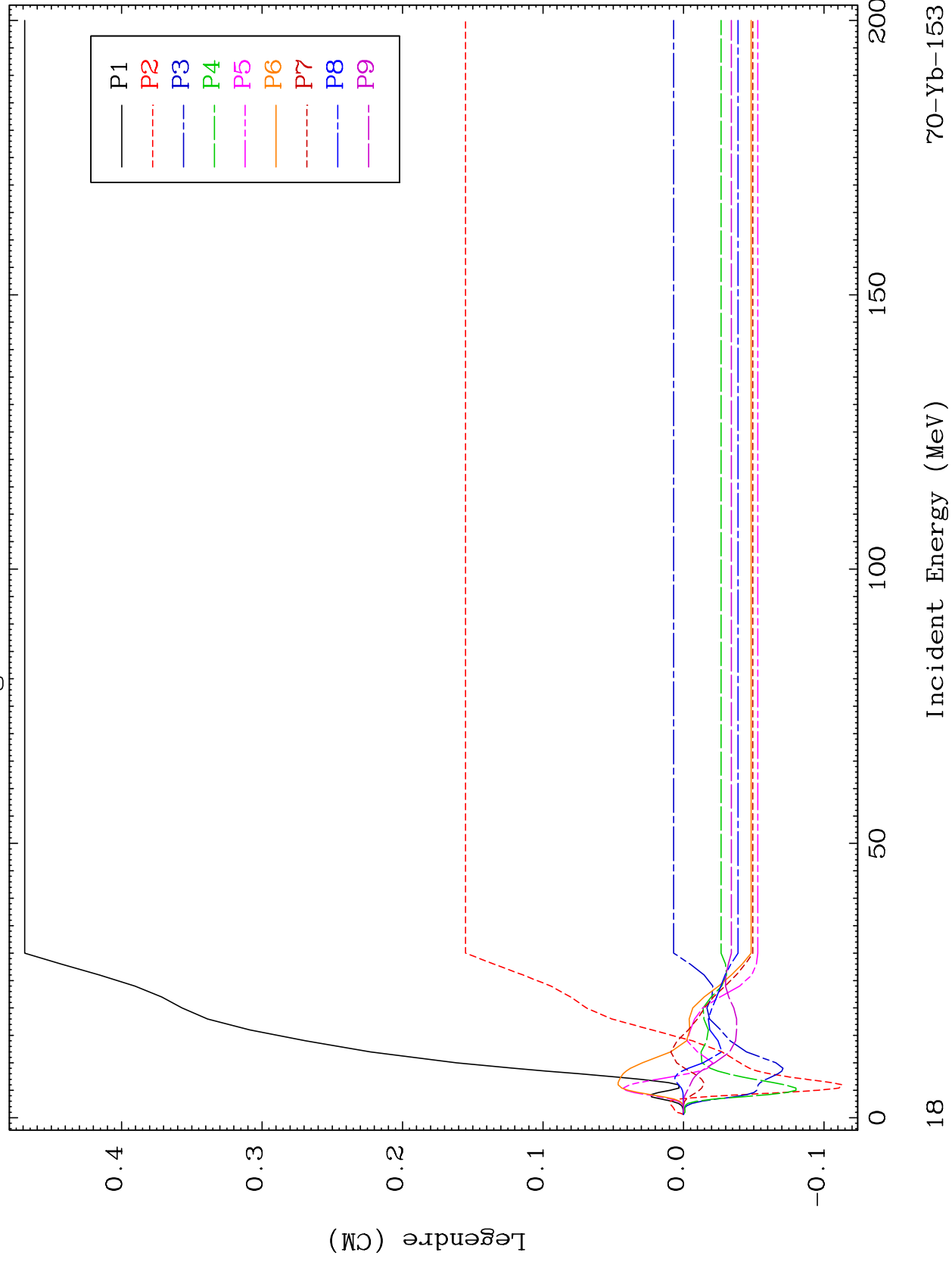


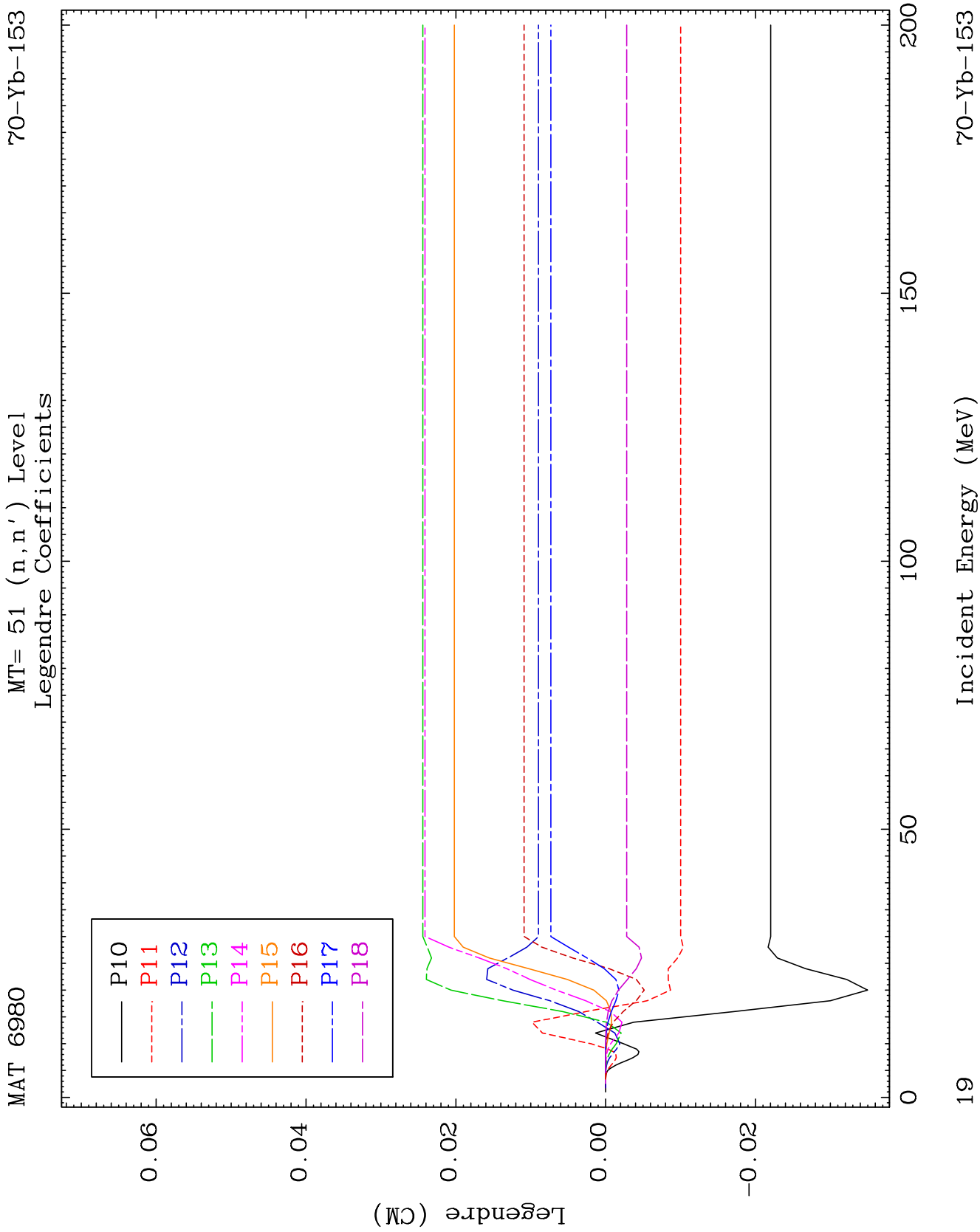


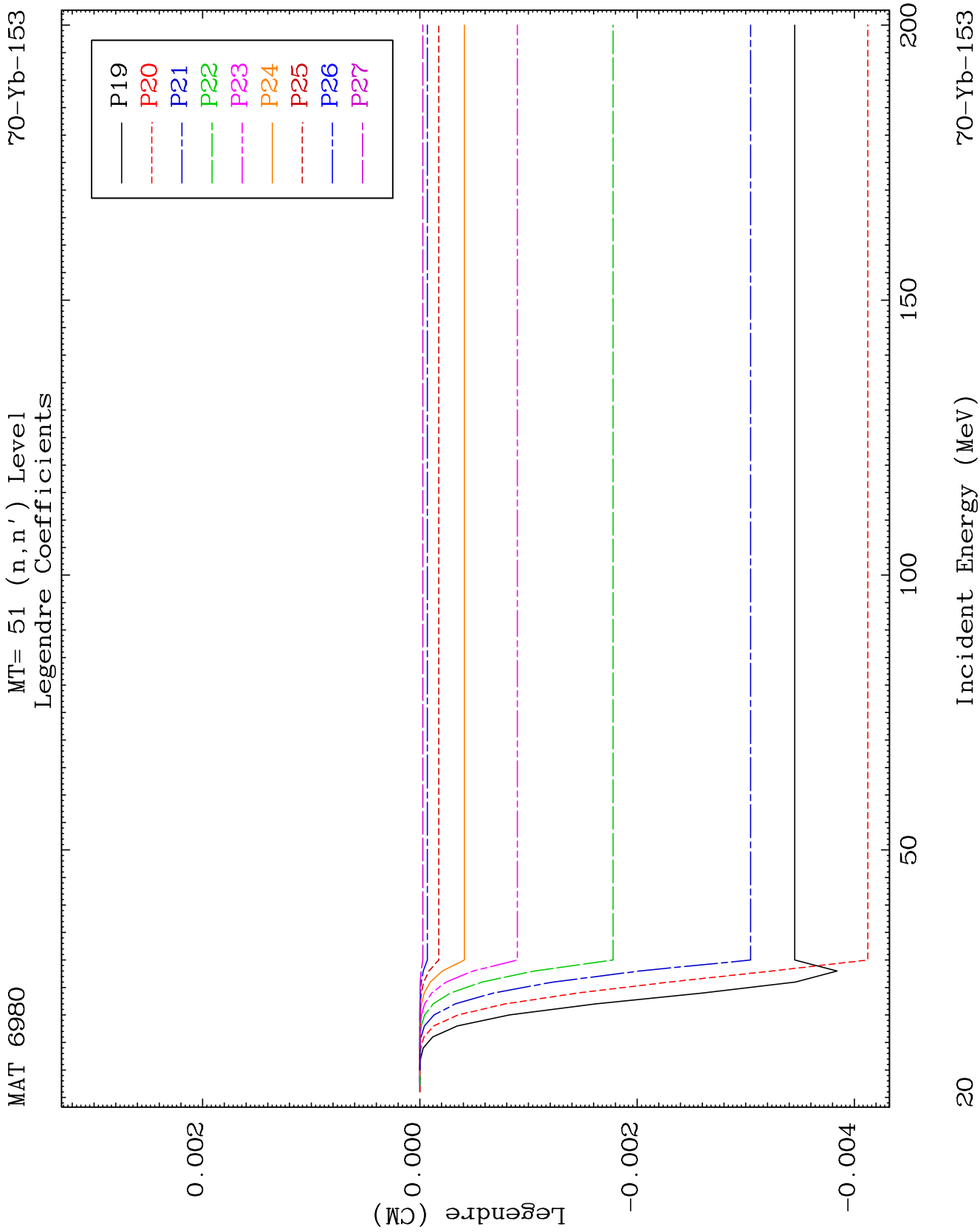
MAT 6980

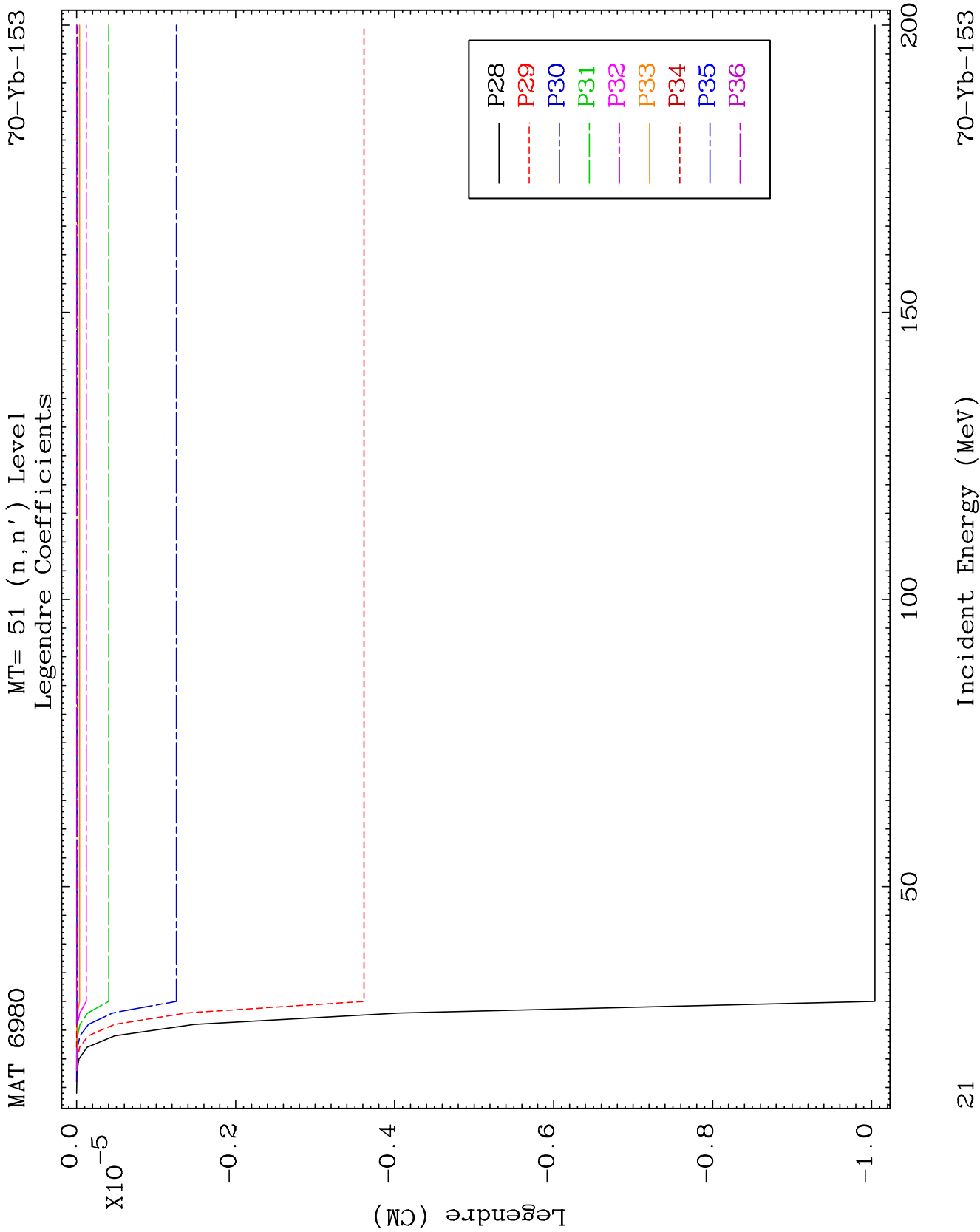
MT= 51 (n, n') Level
Legendre Coefficients

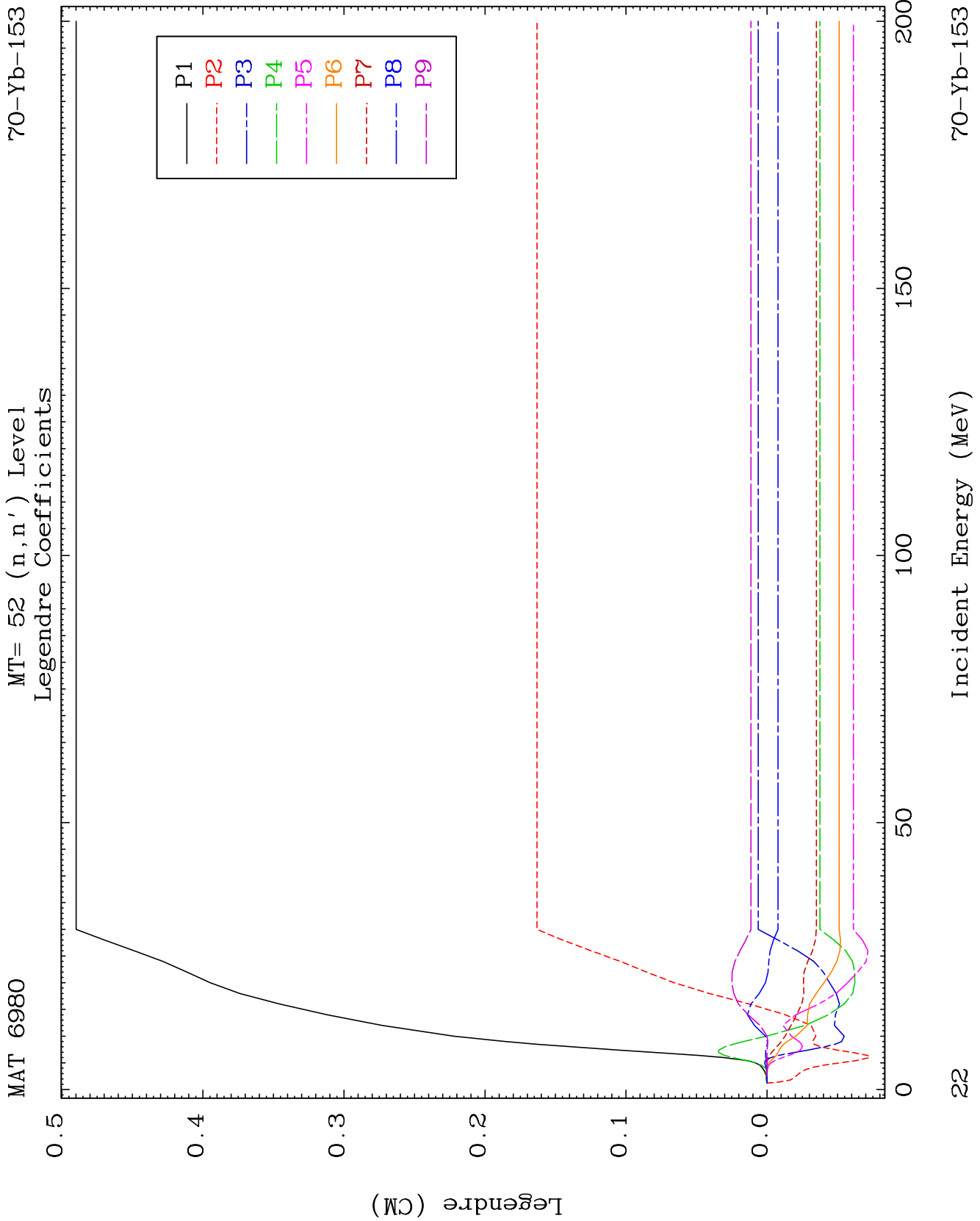
70-Yb-153

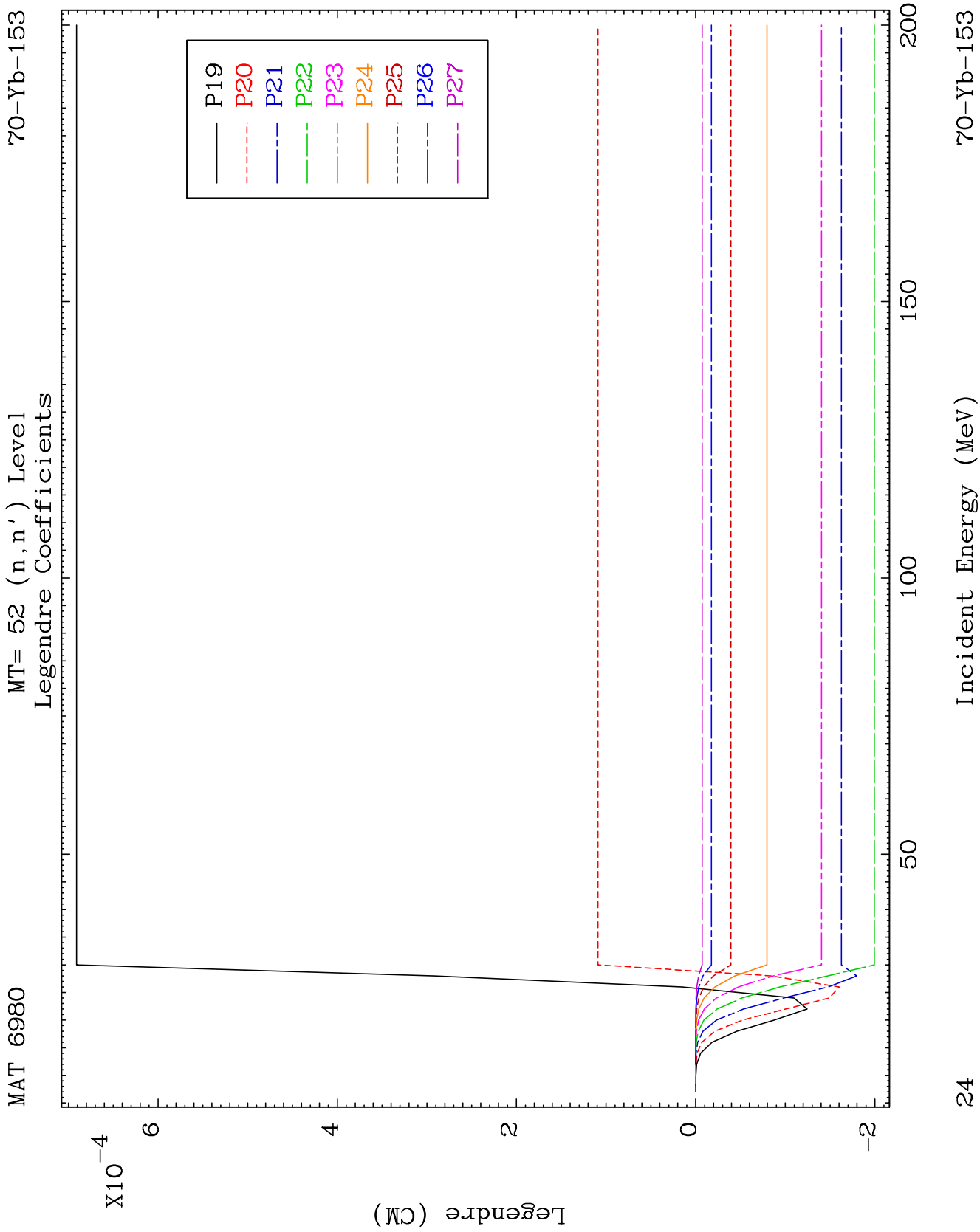


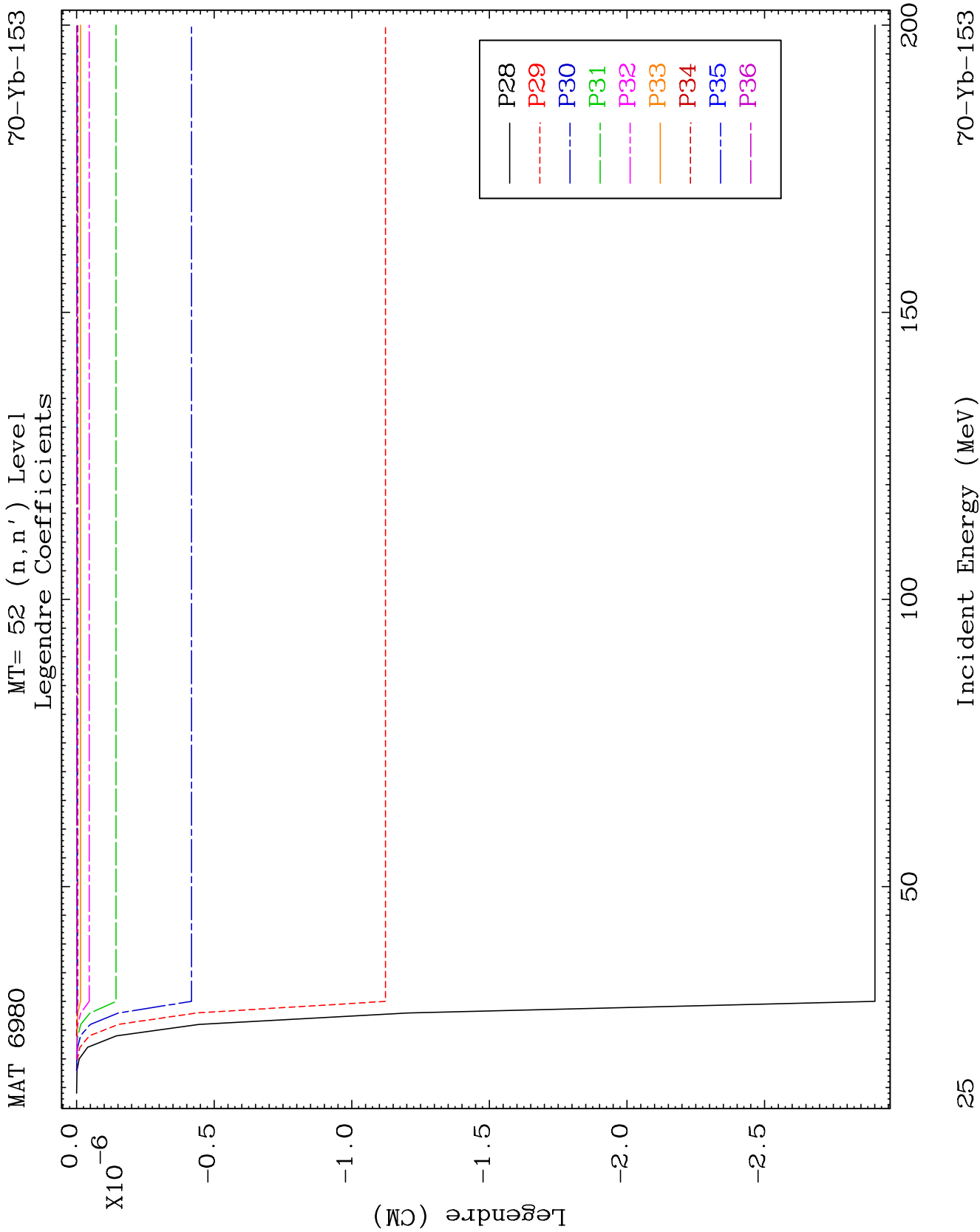


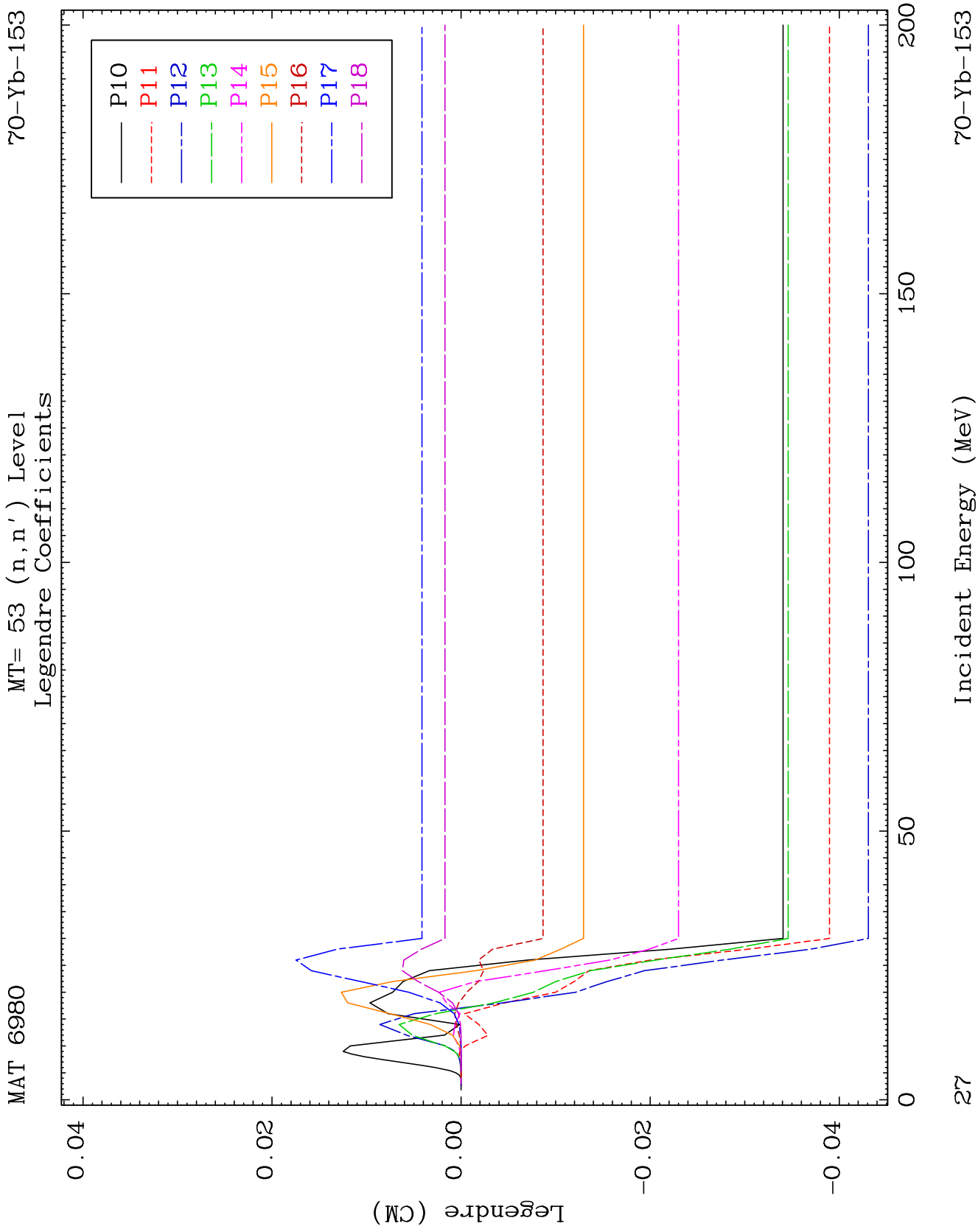


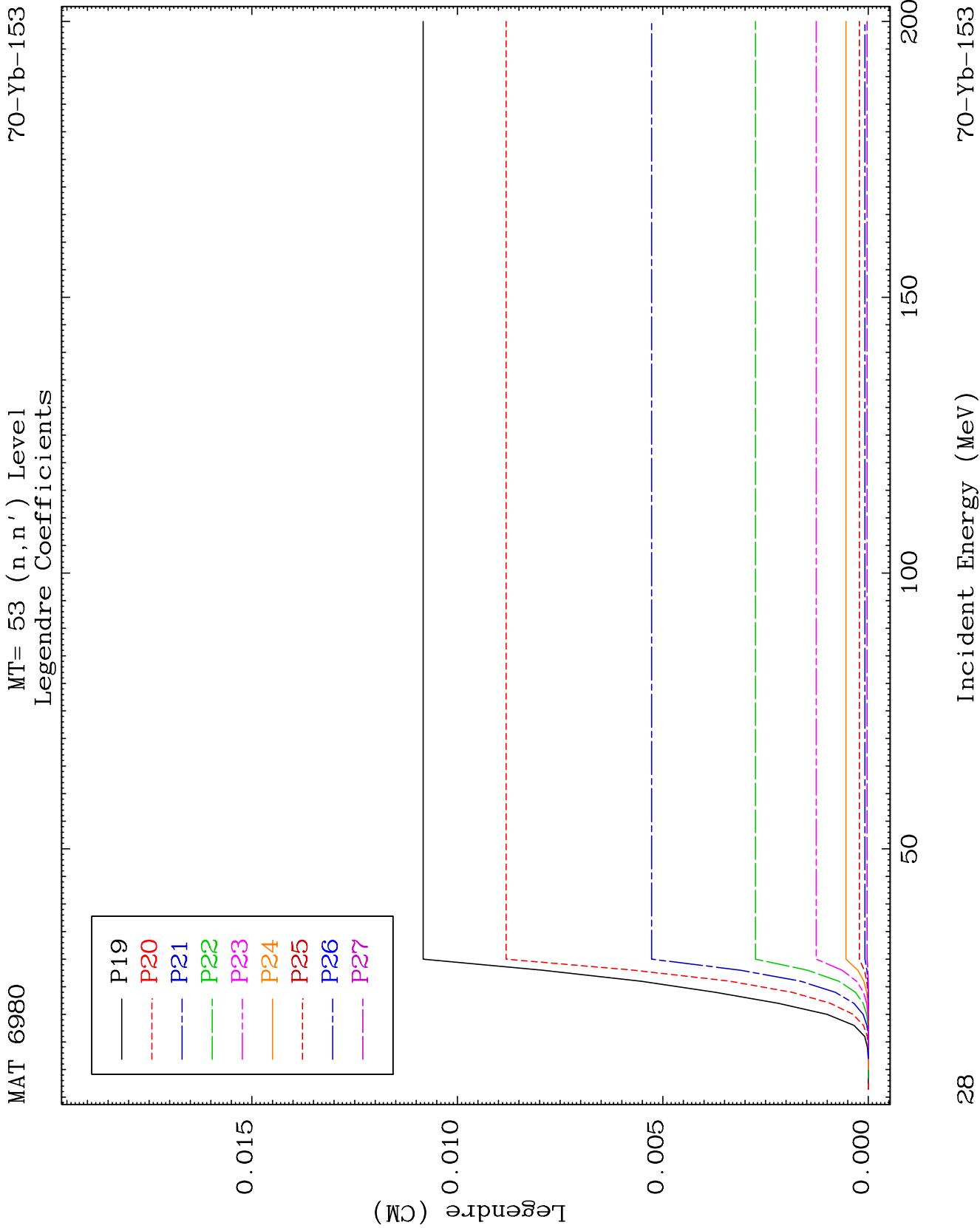


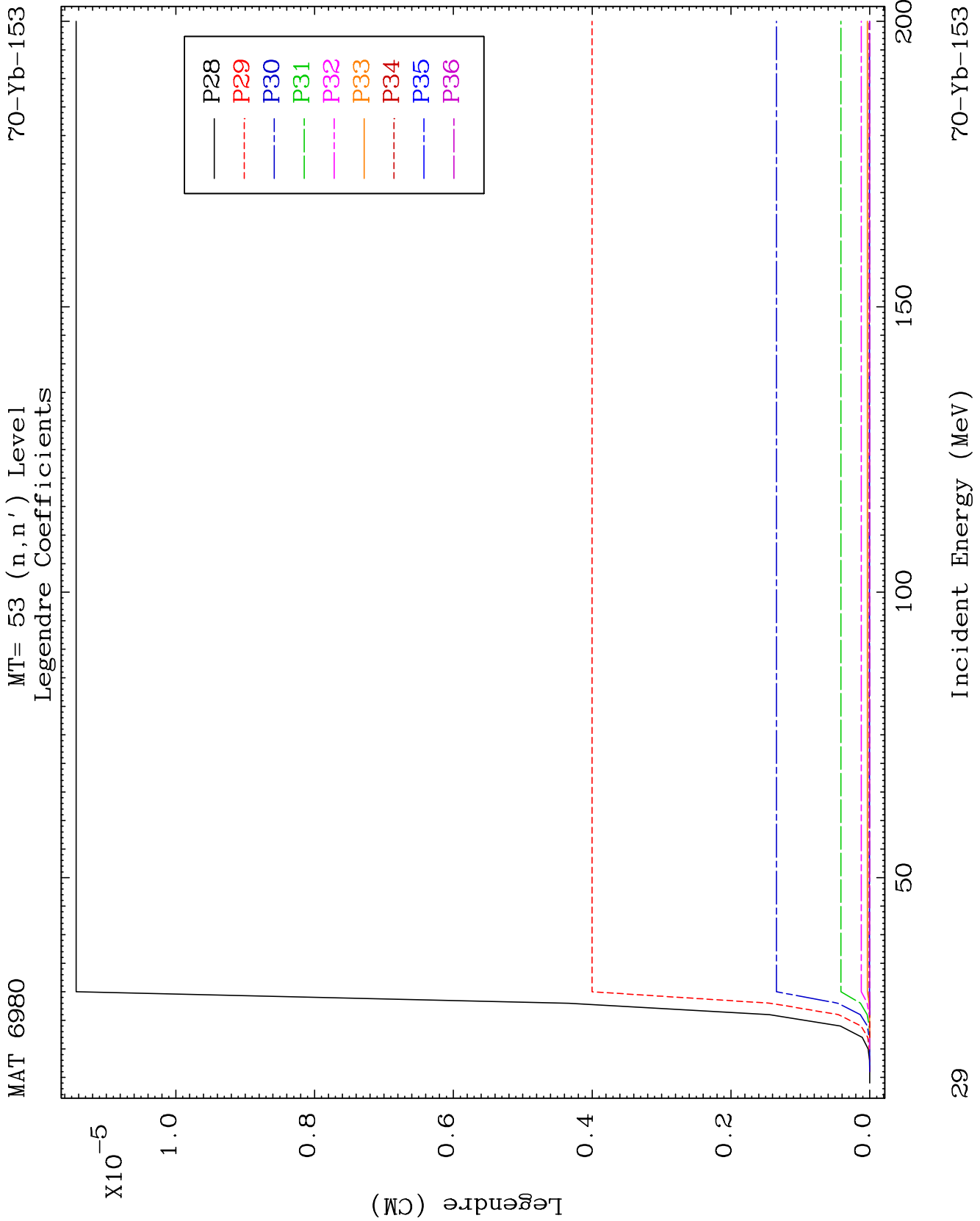








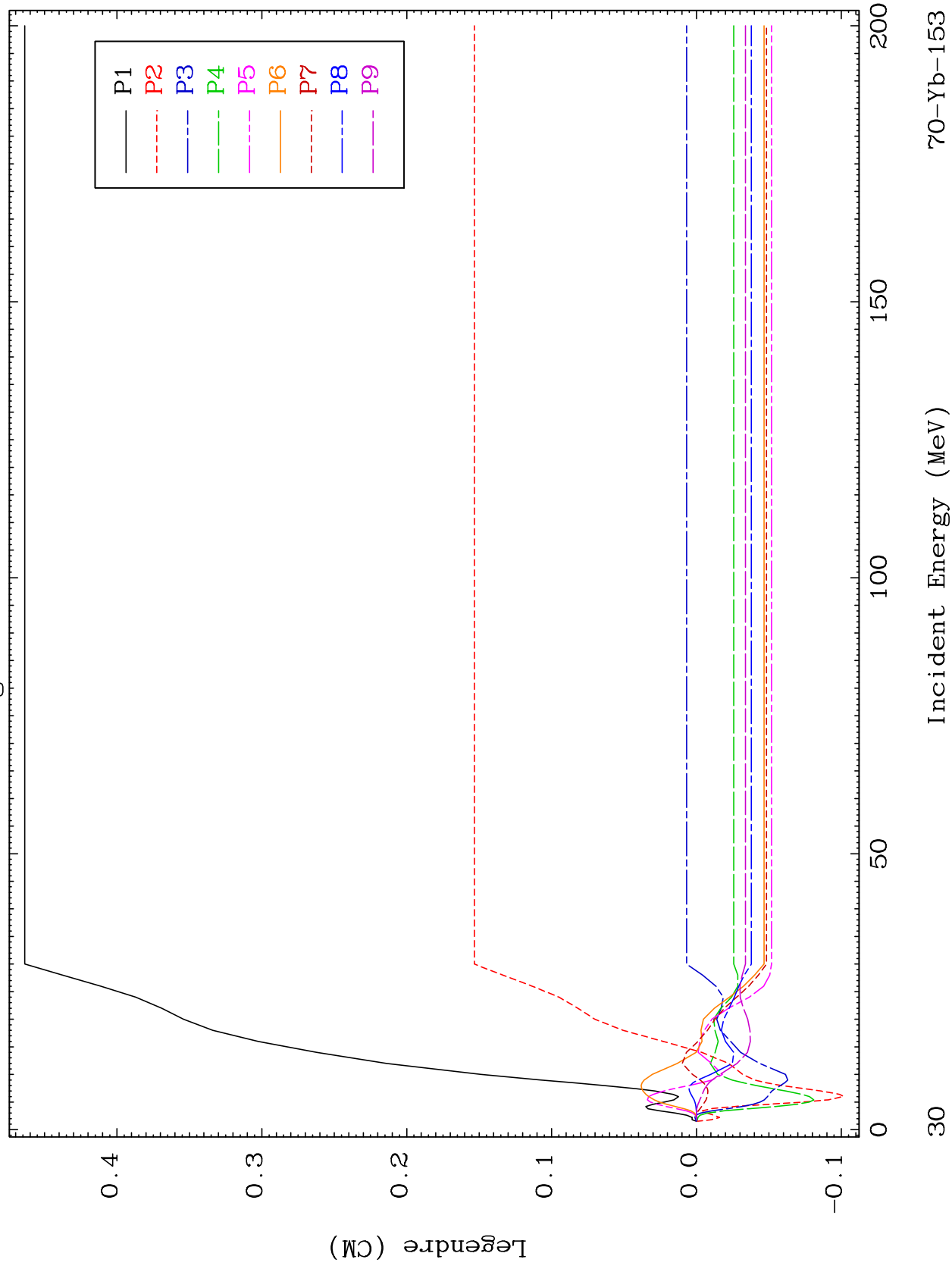




MAT 6980

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

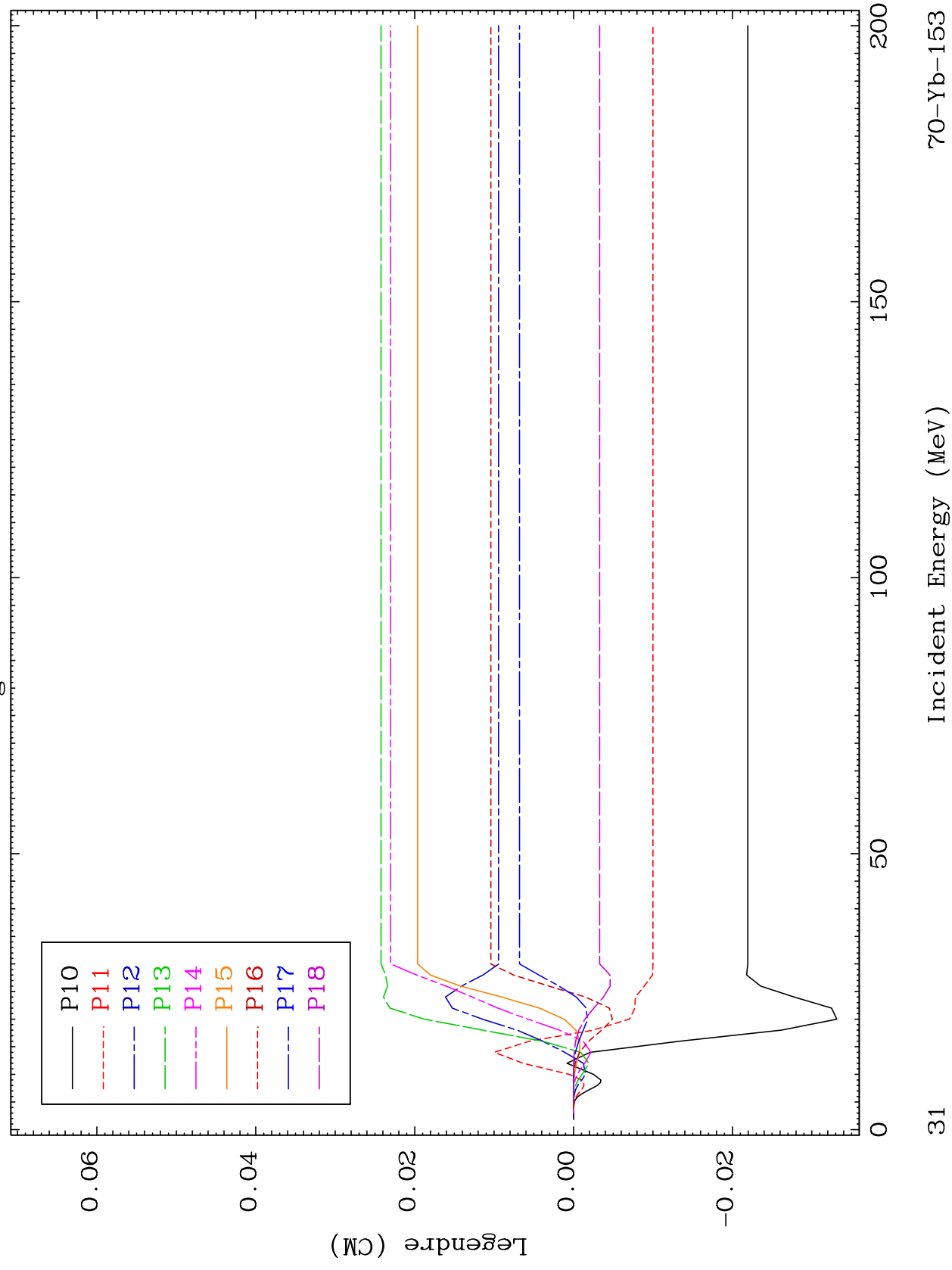
70-Yb-153

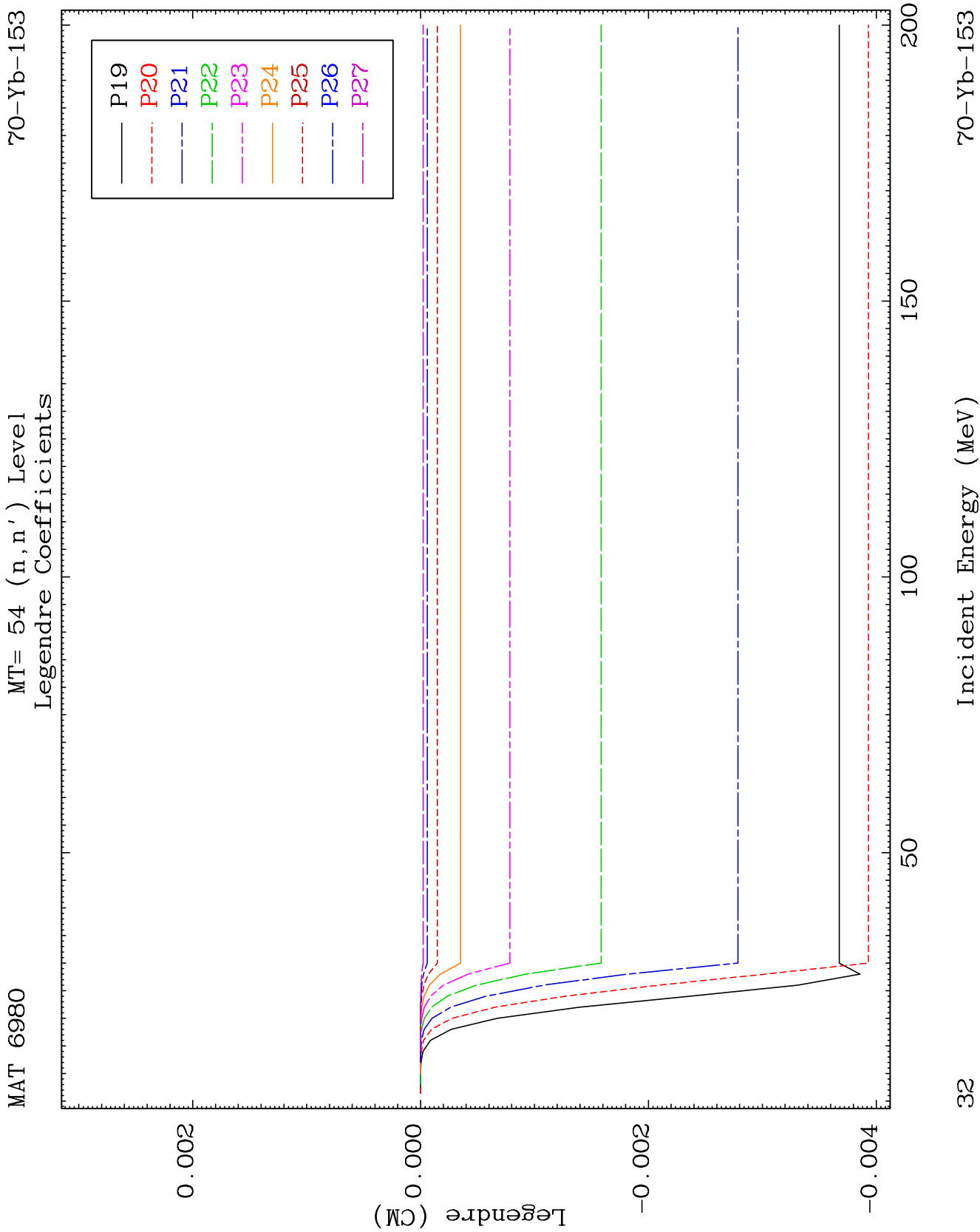


MAT 6980

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

70-Yb-153

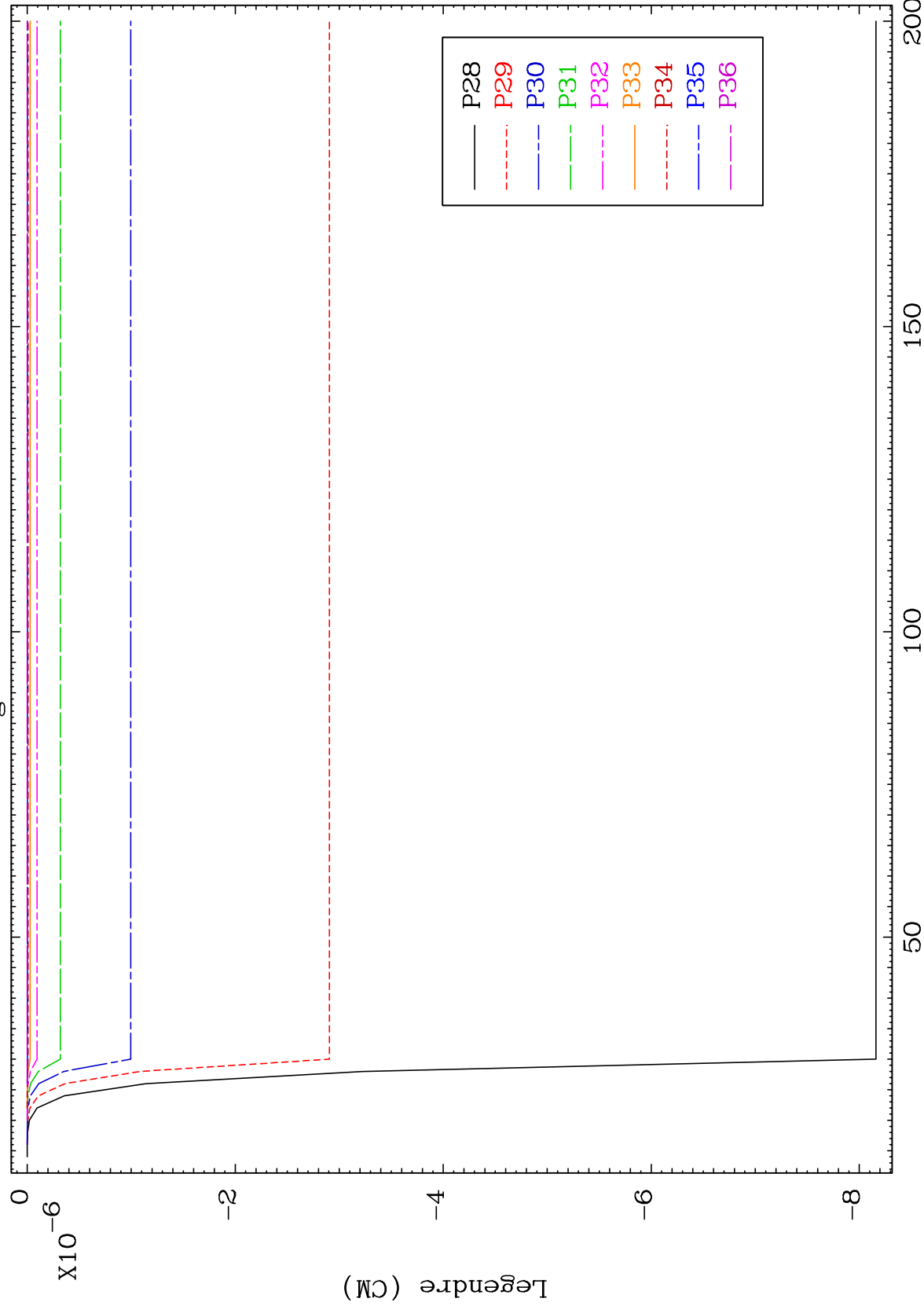




MAT 6980

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

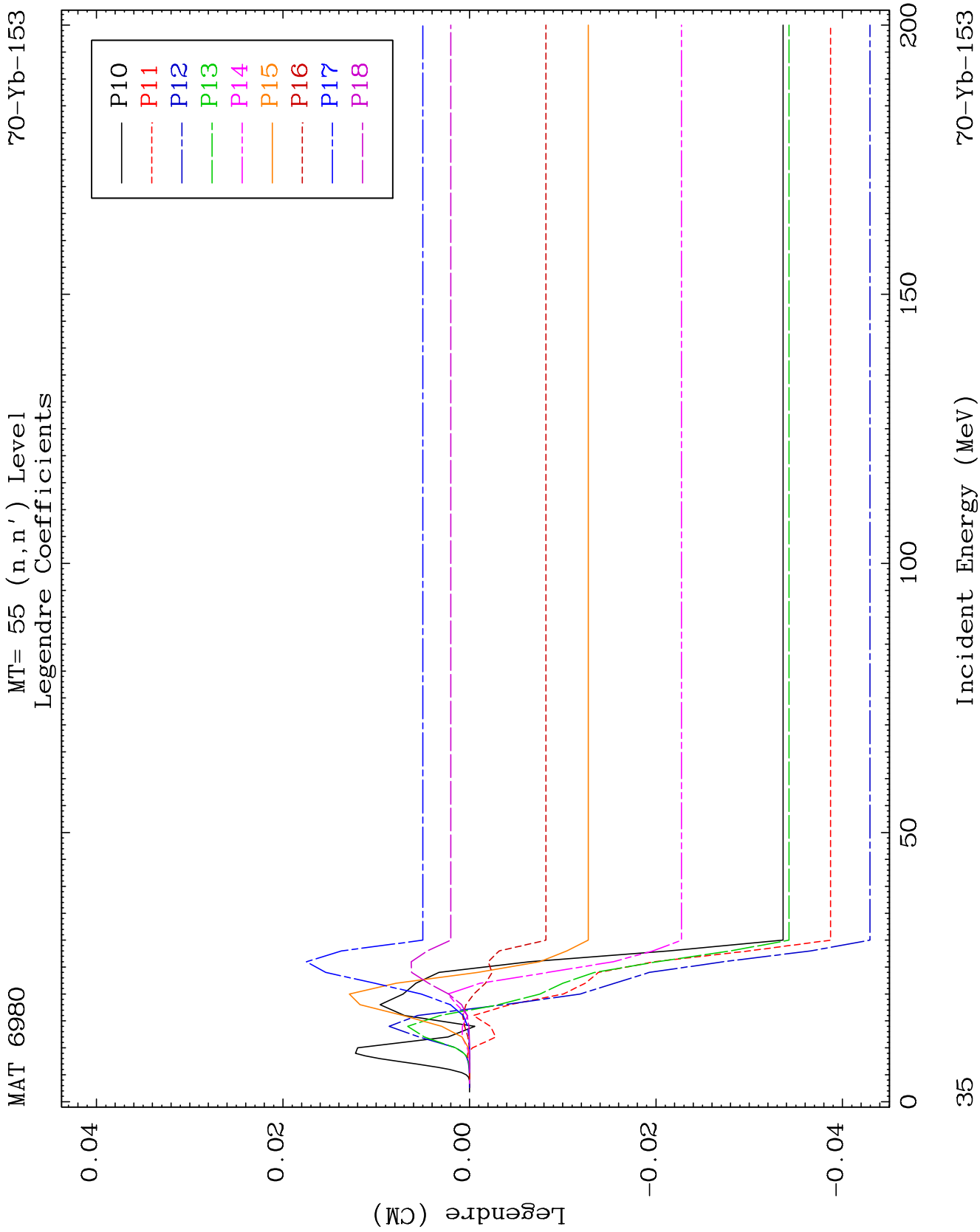
70-Yb-153



33

Incident Energy (MeV)

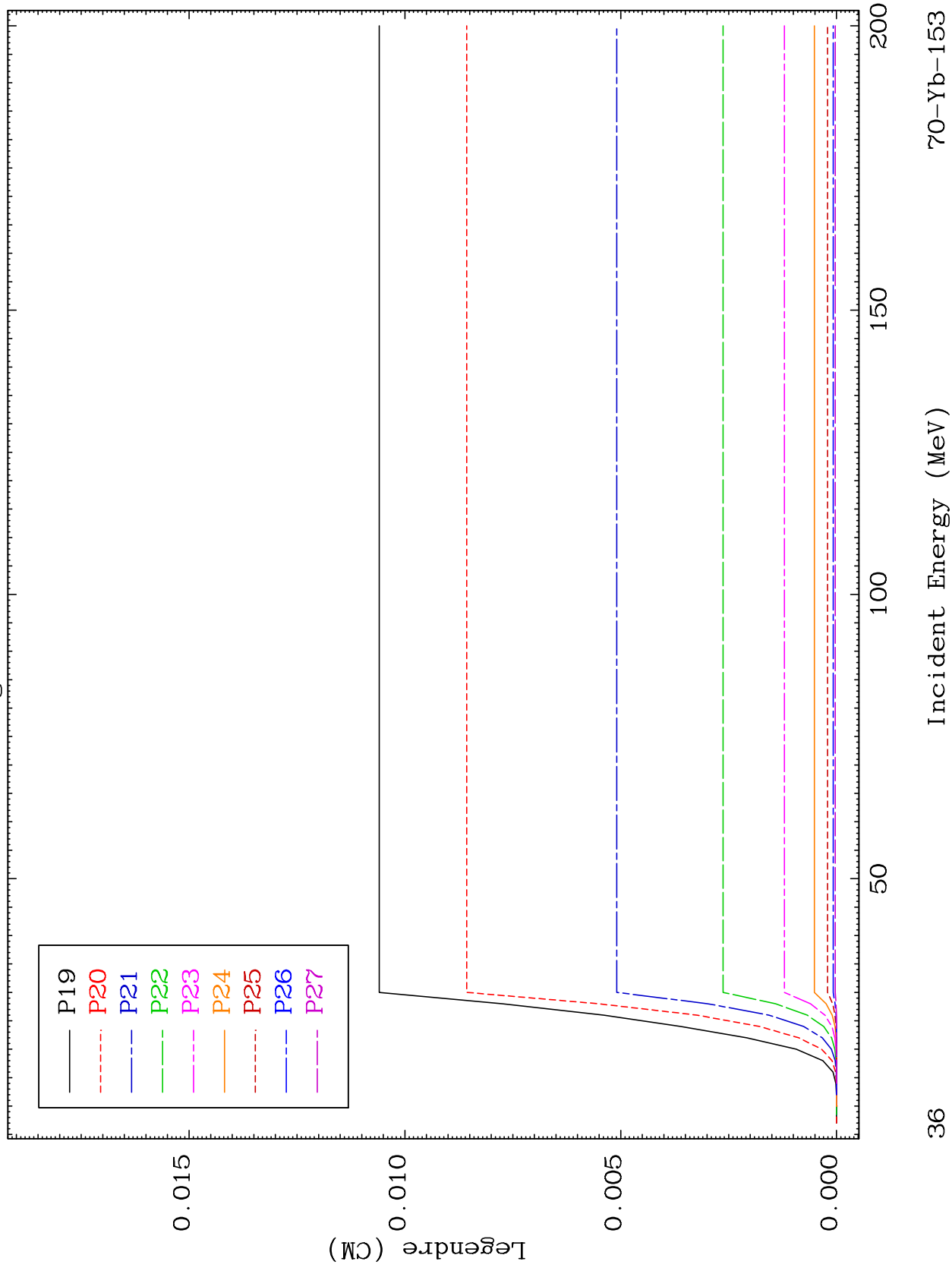
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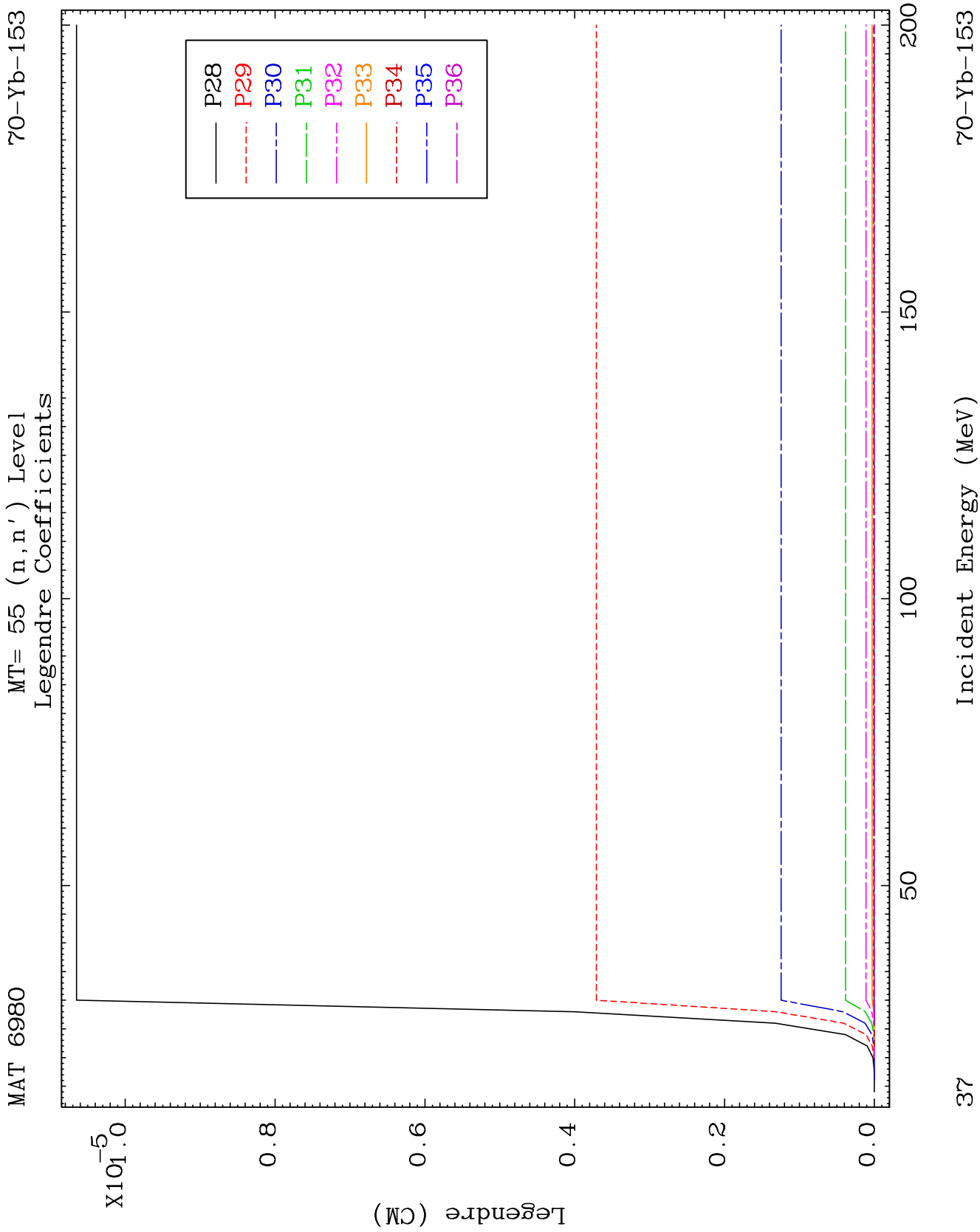


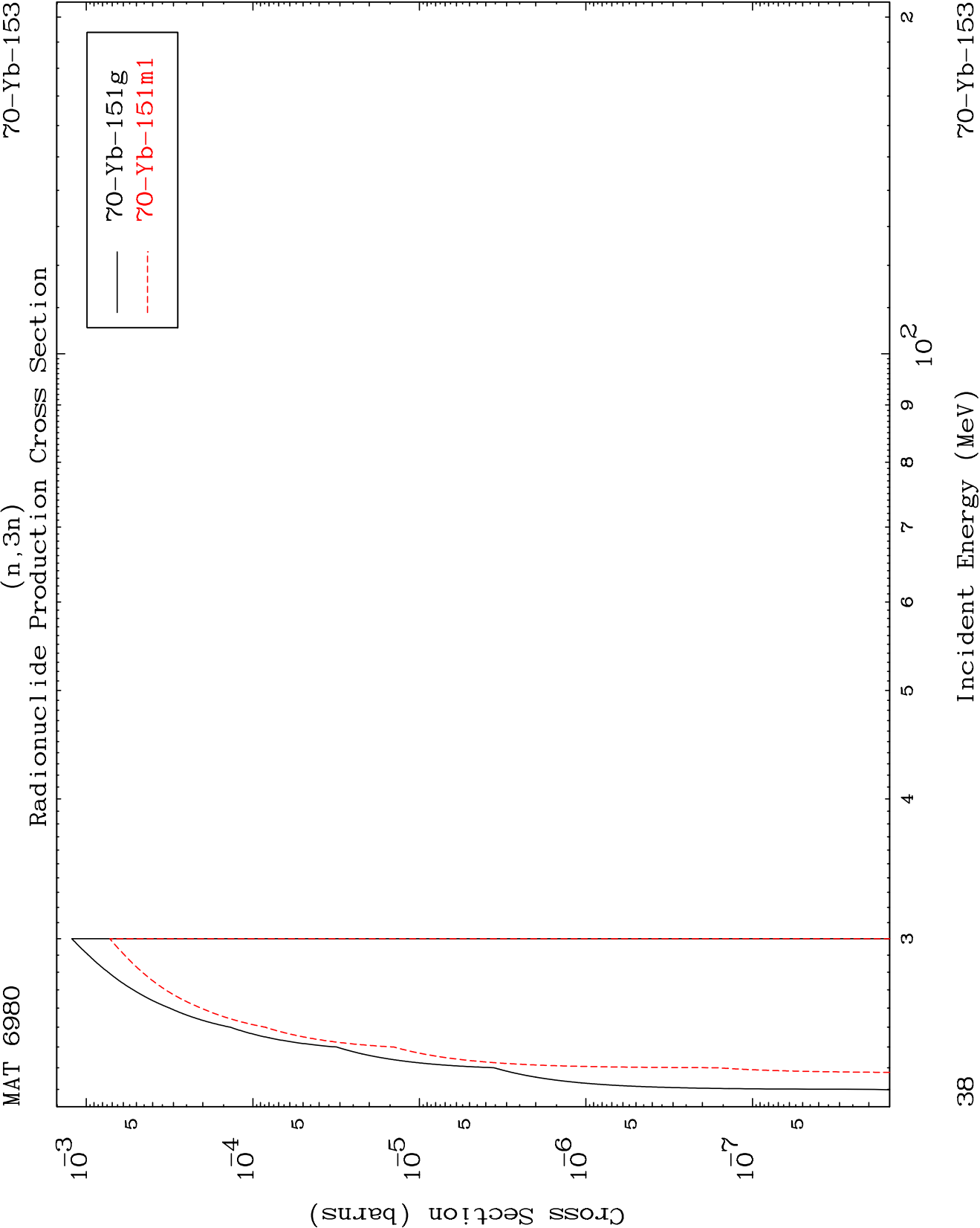
MAT 6980

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

70-Yb-153





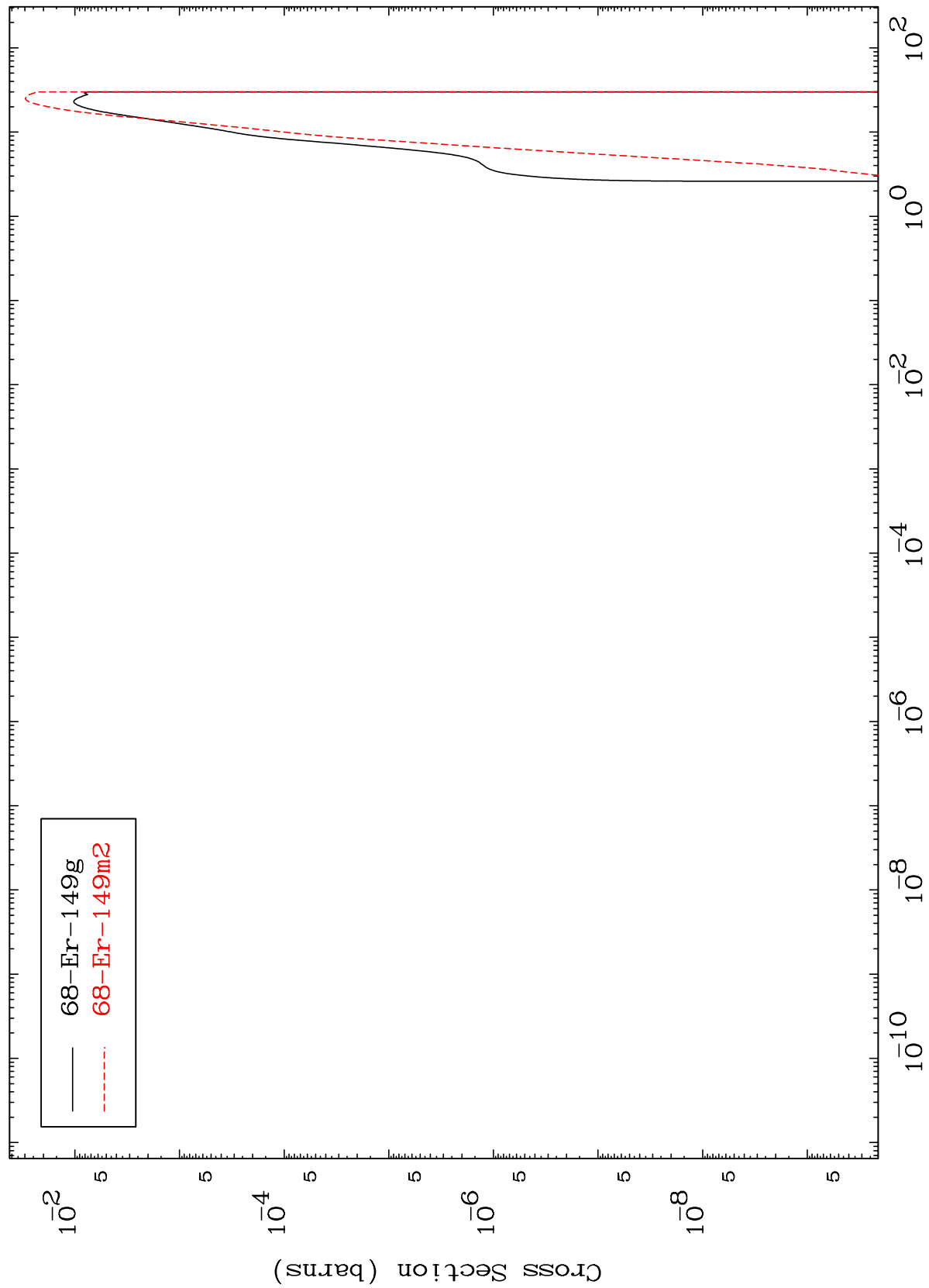


MAT 6980

$(n,n') \alpha$

70-Yb-153

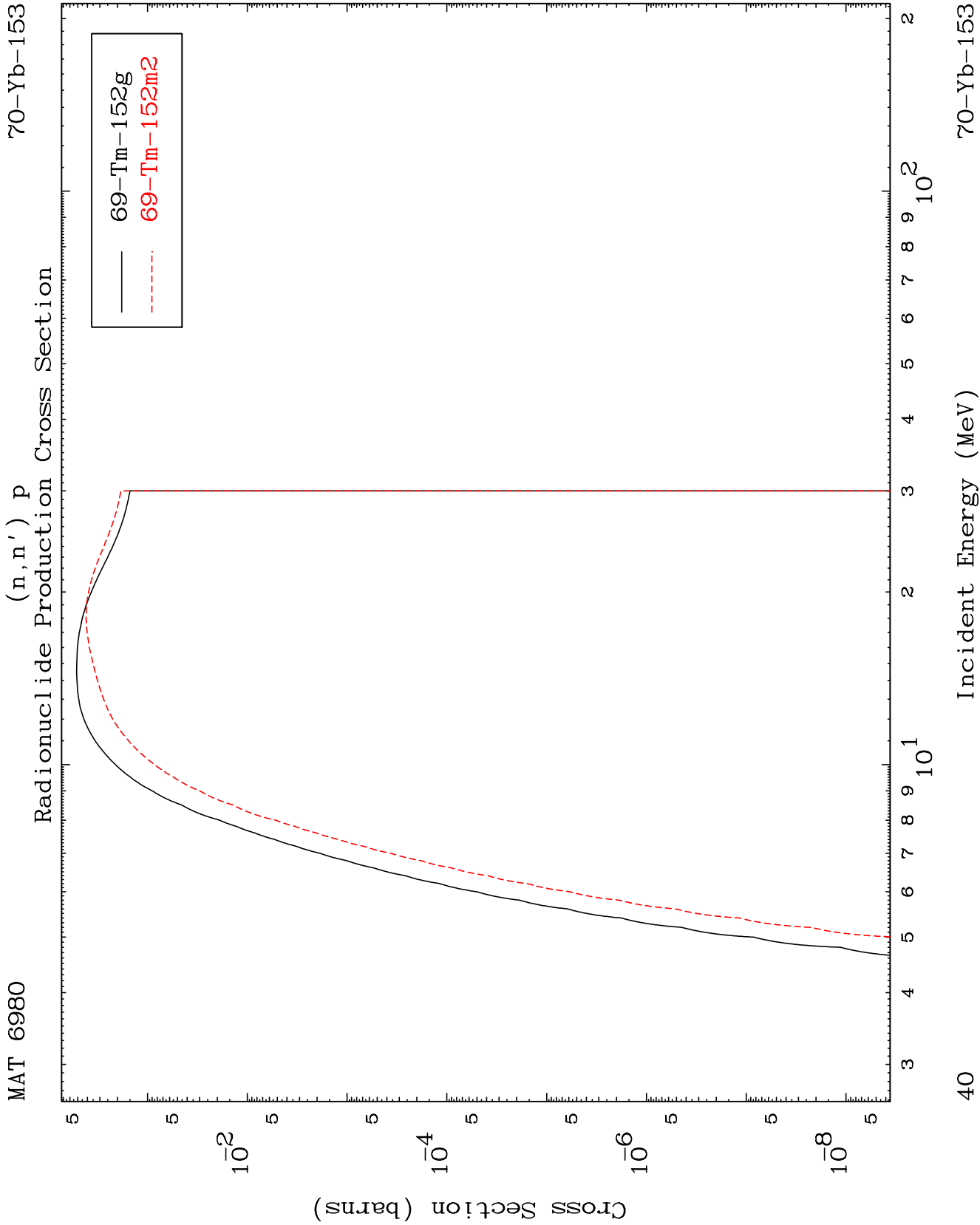
Radionuclide Production Cross Section



39

Incident Energy (MeV)

70-Yb-153

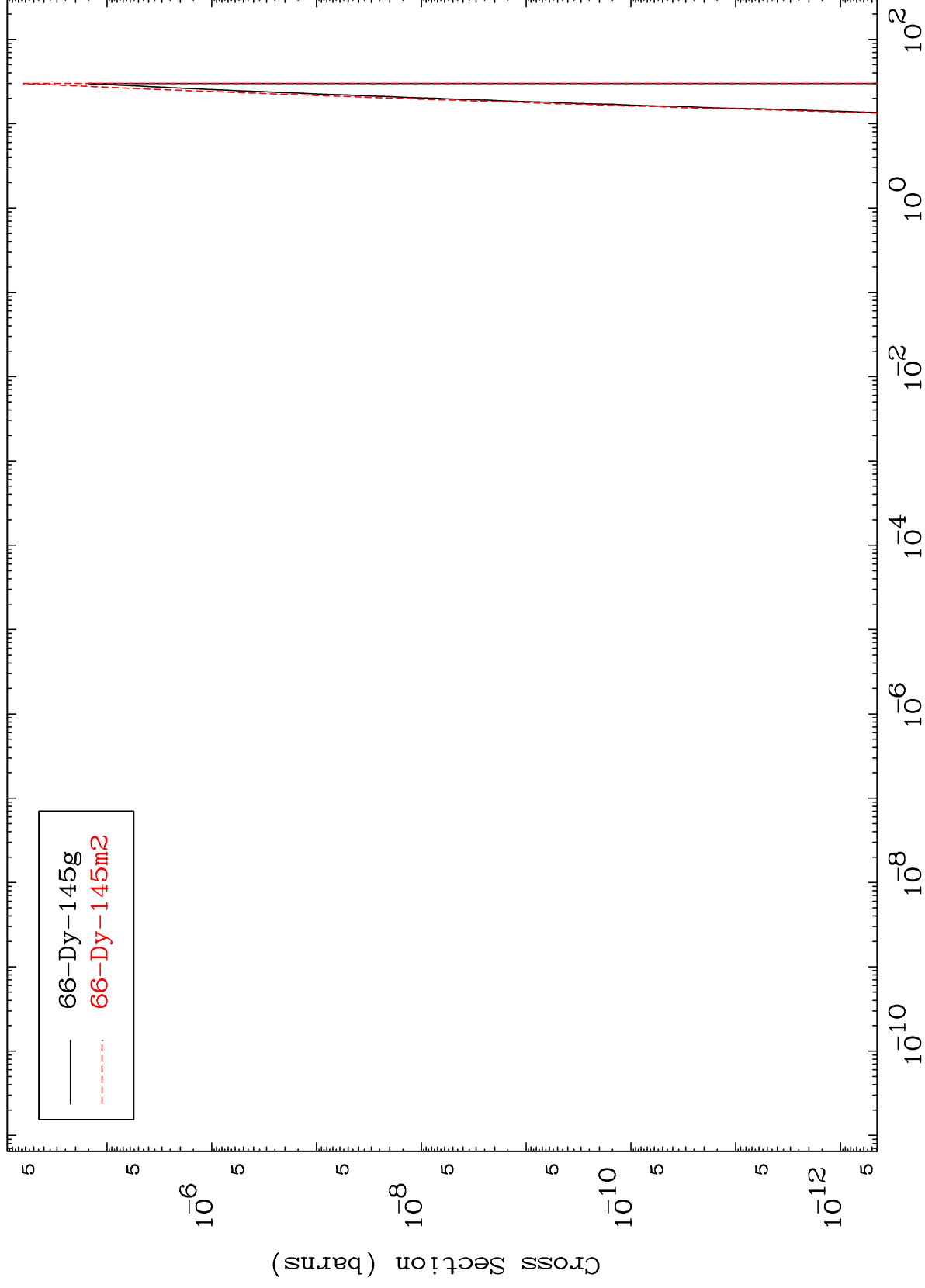


MAT 6980

(n,n') 2 α

70-Yb-153

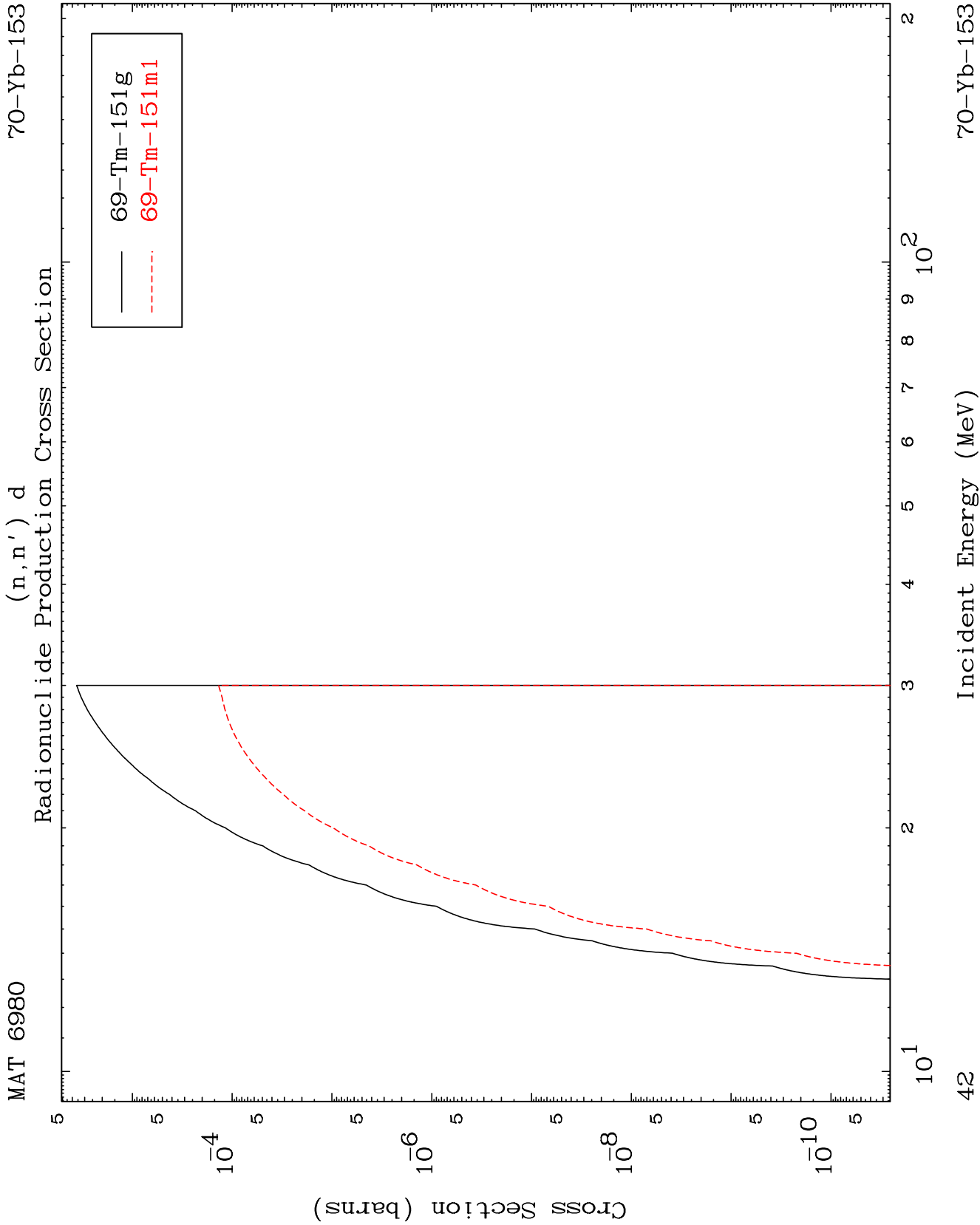
Radionuclide Production Cross Section



41

Incident Energy (MeV)

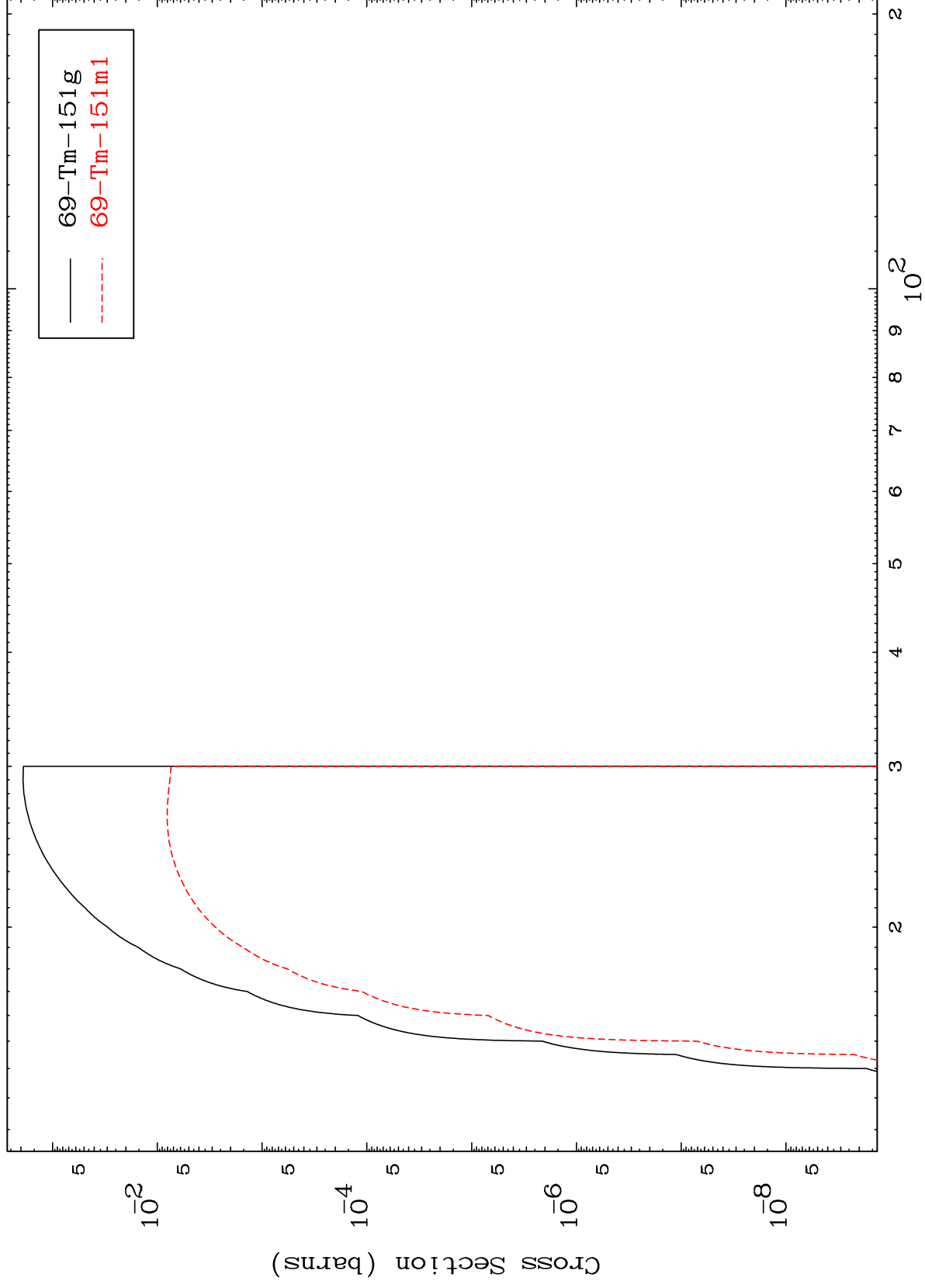
70-Yb-153



MAT 6980

$(n,2n)$ p 70-Yb-153

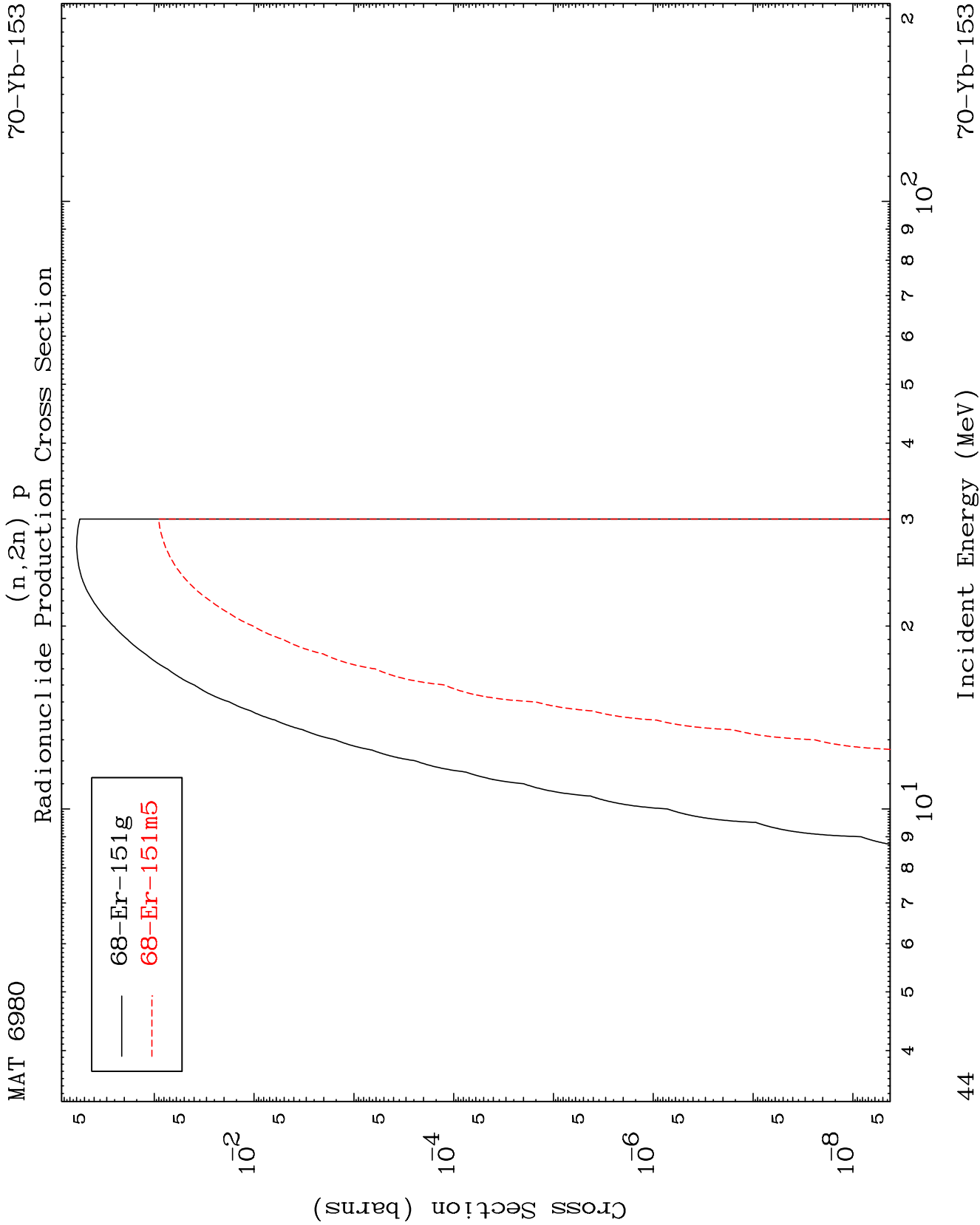
Radionuclide Production Cross Section



43

Incident Energy (MeV)

70-Yb-153

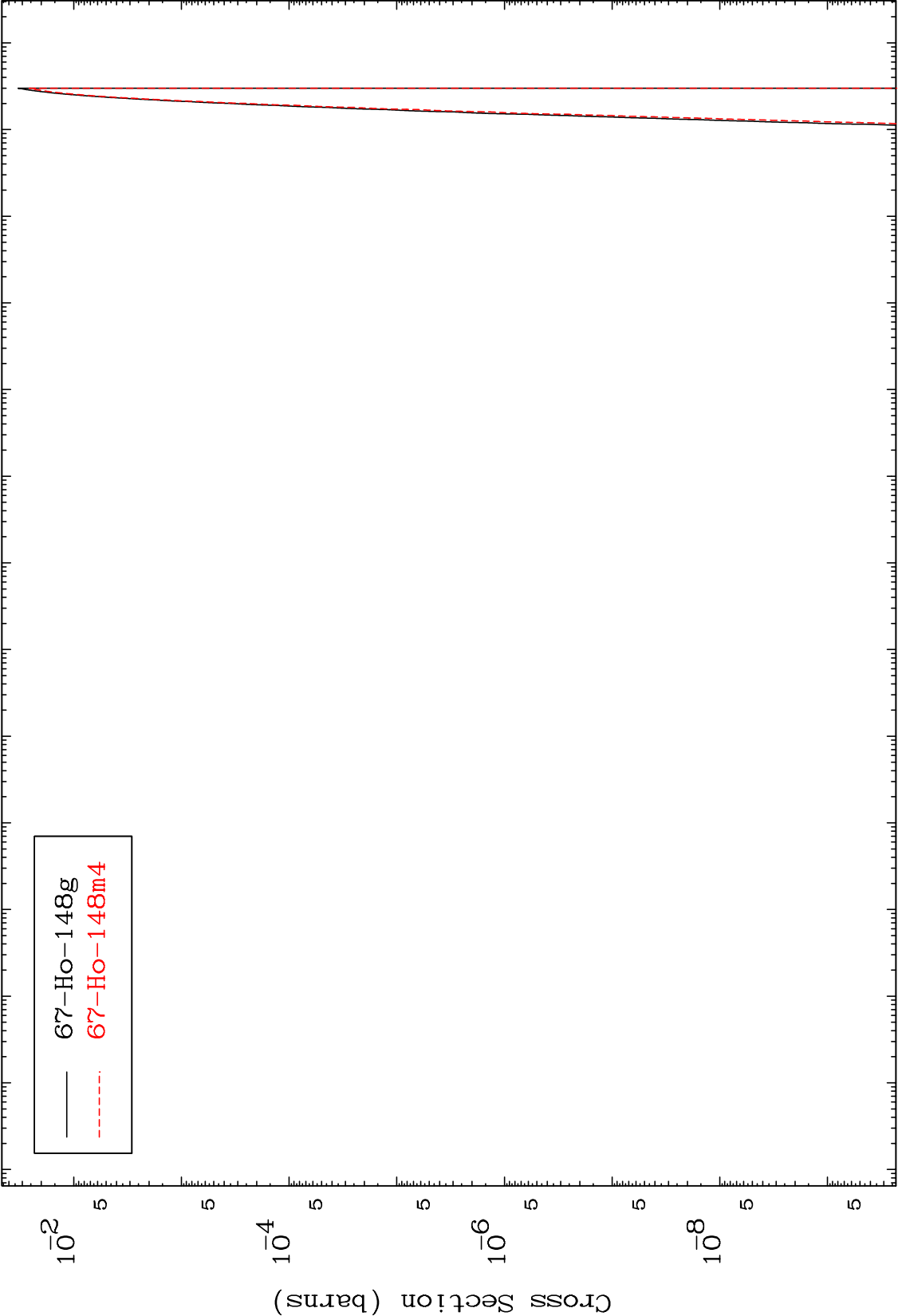


MAT 6980

(n,n') p α

70-Yb-153

Radionuclide Production Cross Section



45

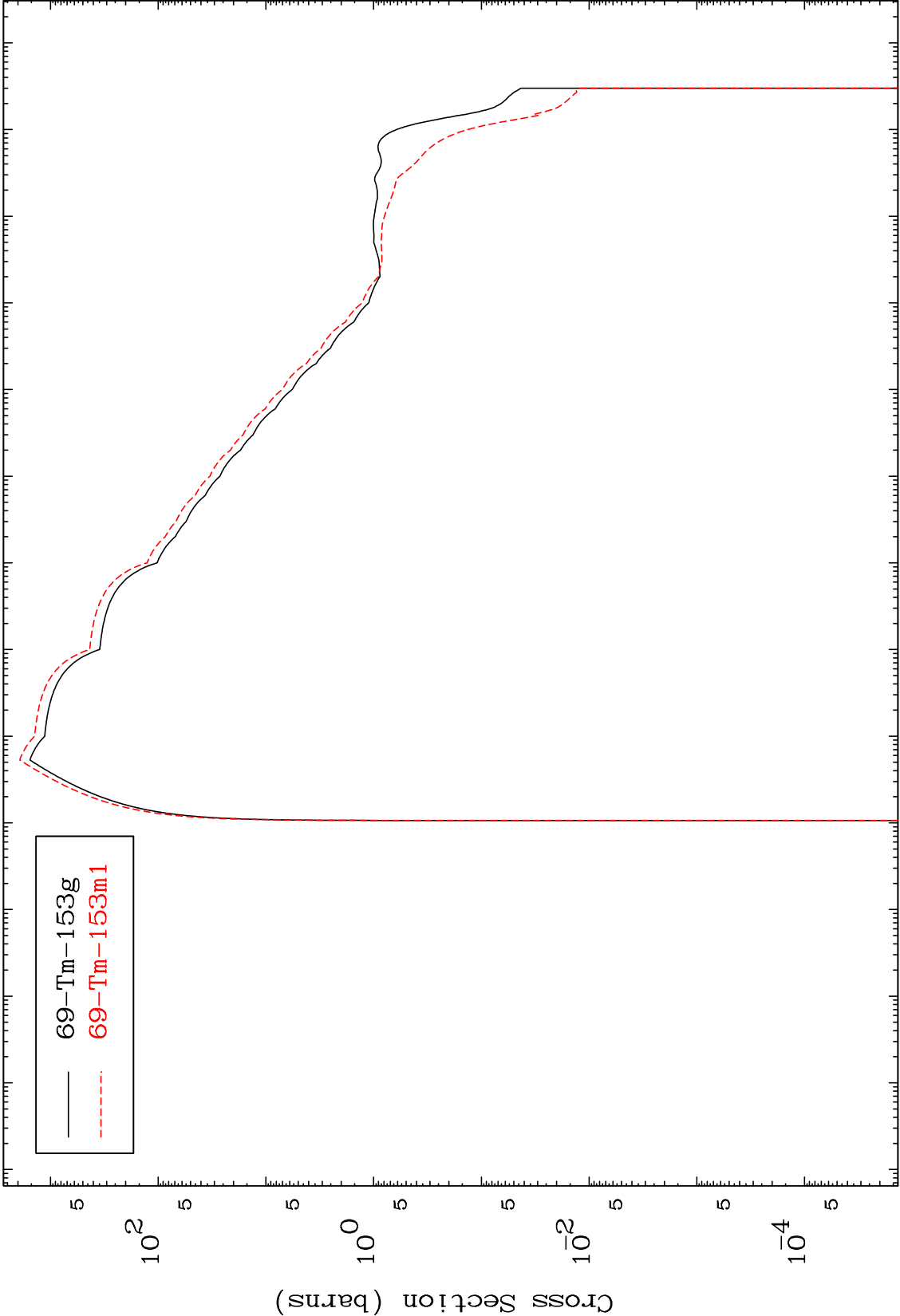
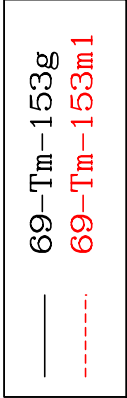
Incident Energy (MeV)

70-Yb-153

MAT 6980

70-Yb-153

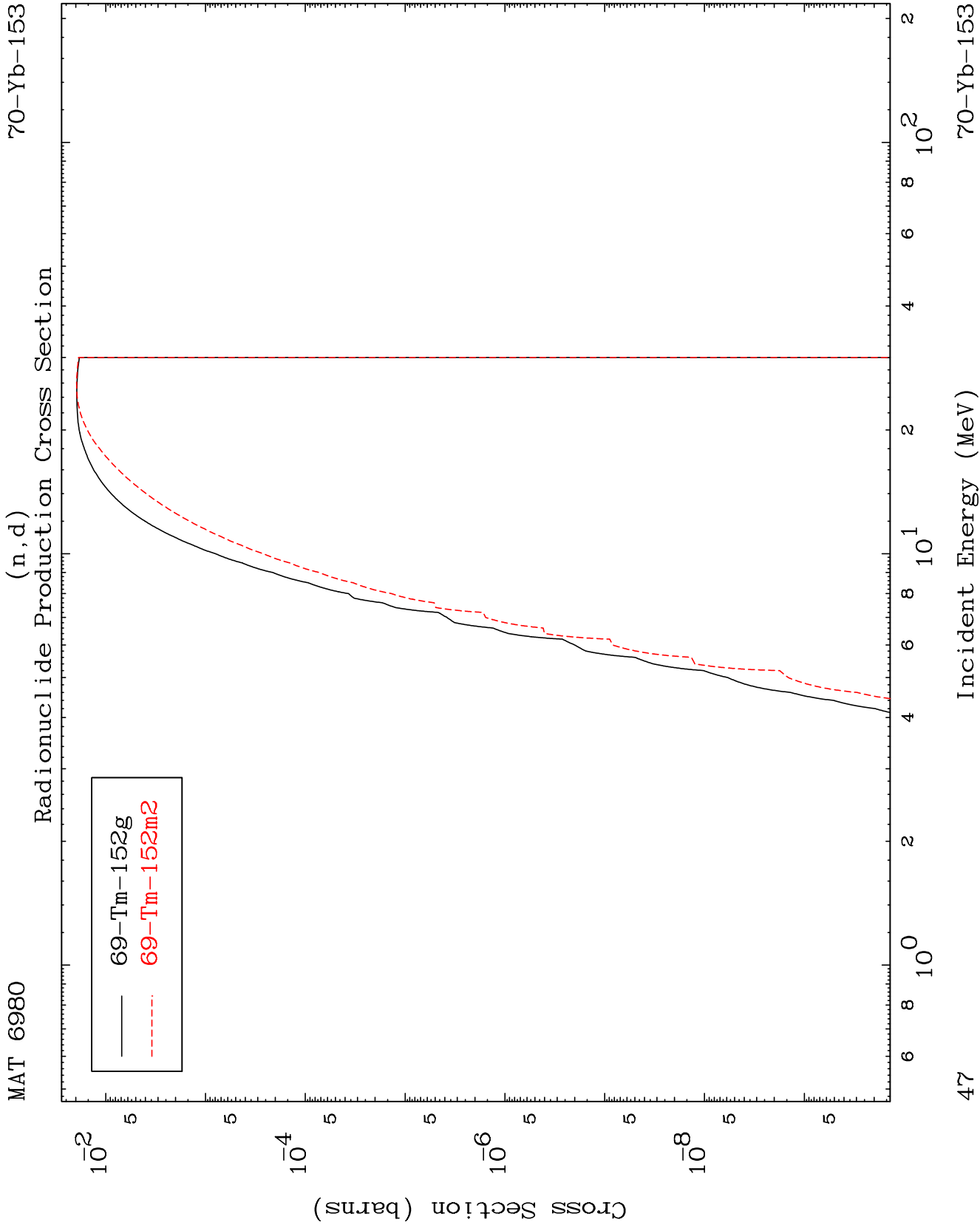
Radionuclide Production Cross Section

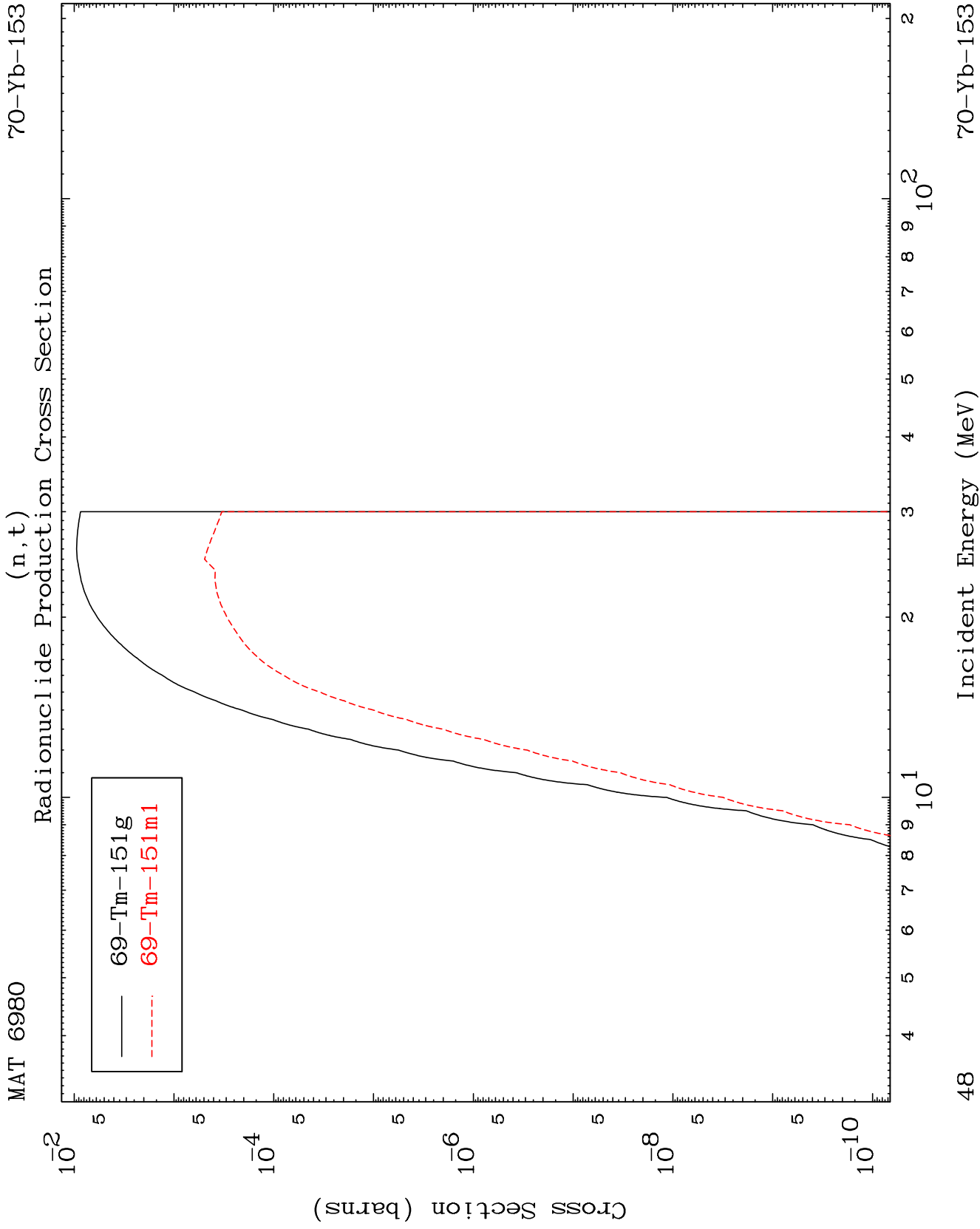


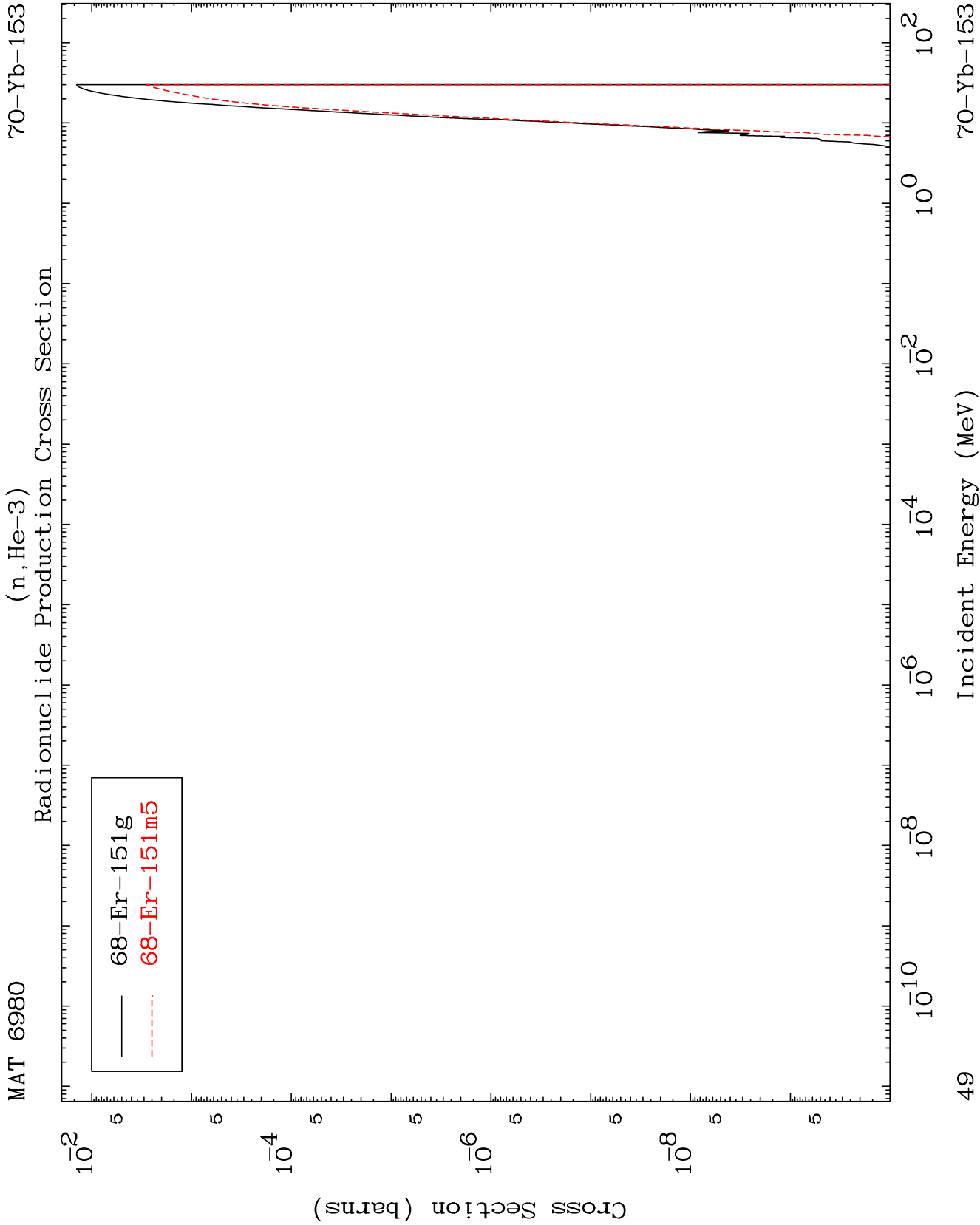
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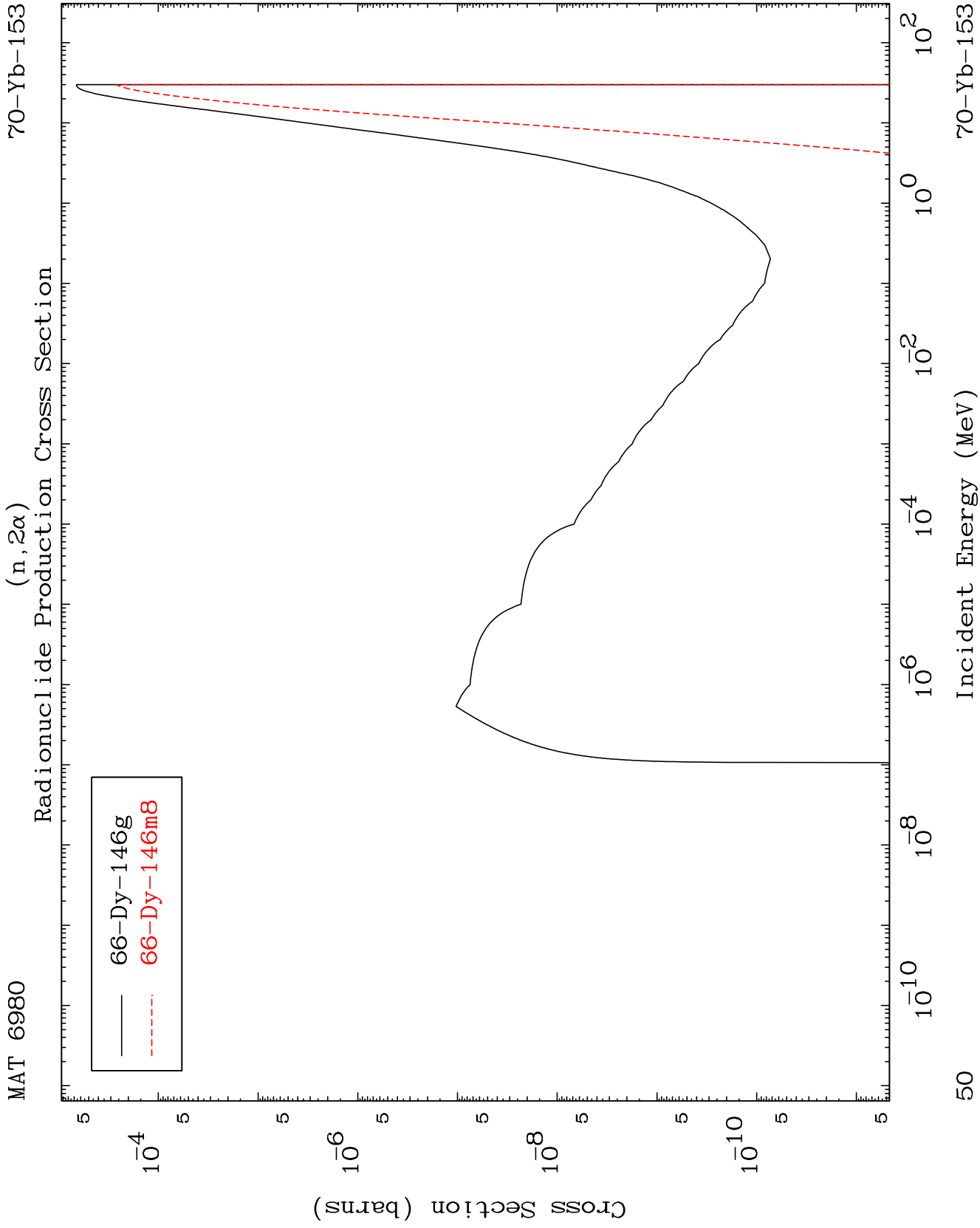
Incident Energy (MeV)

70-Yb-153

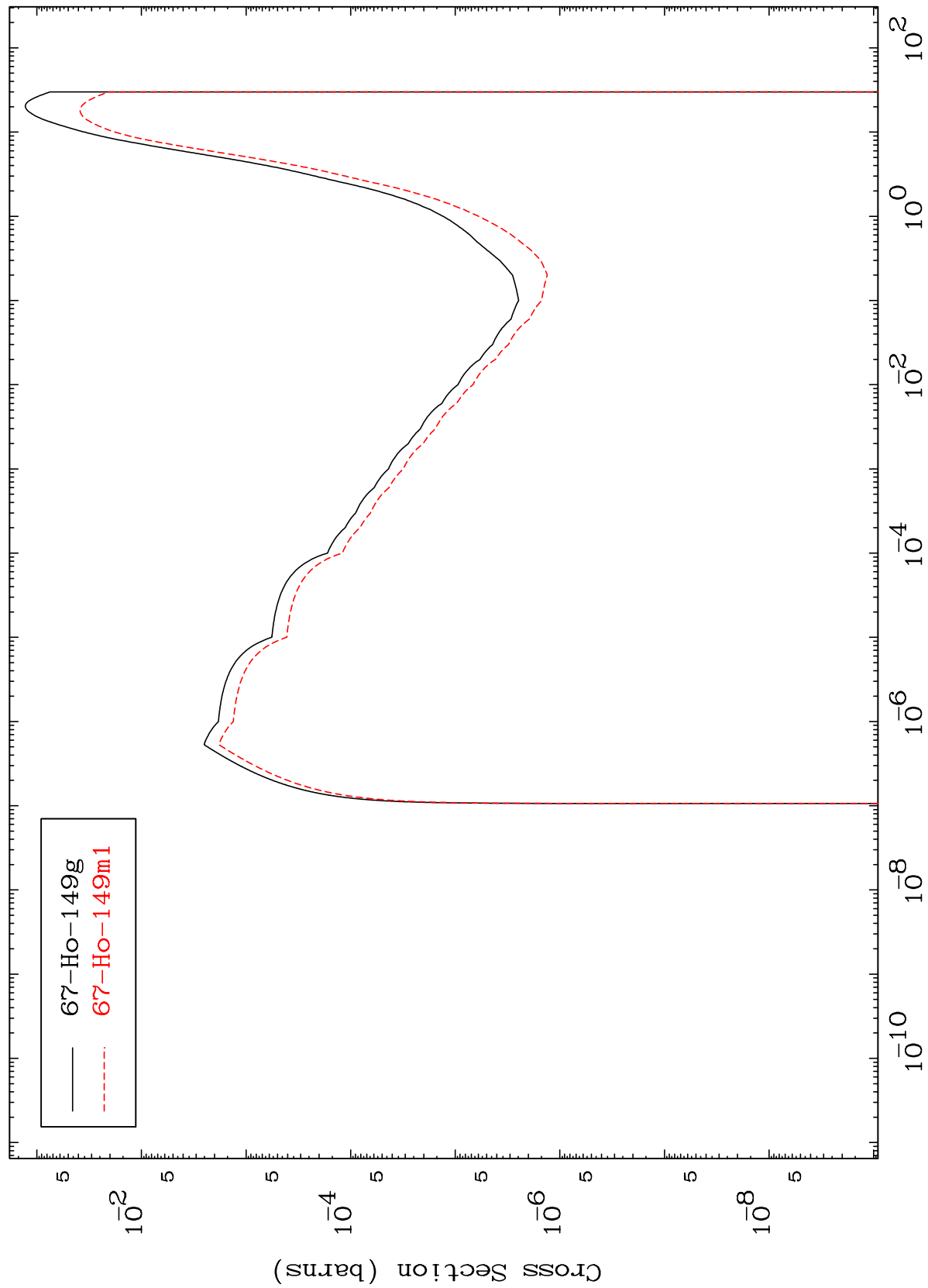




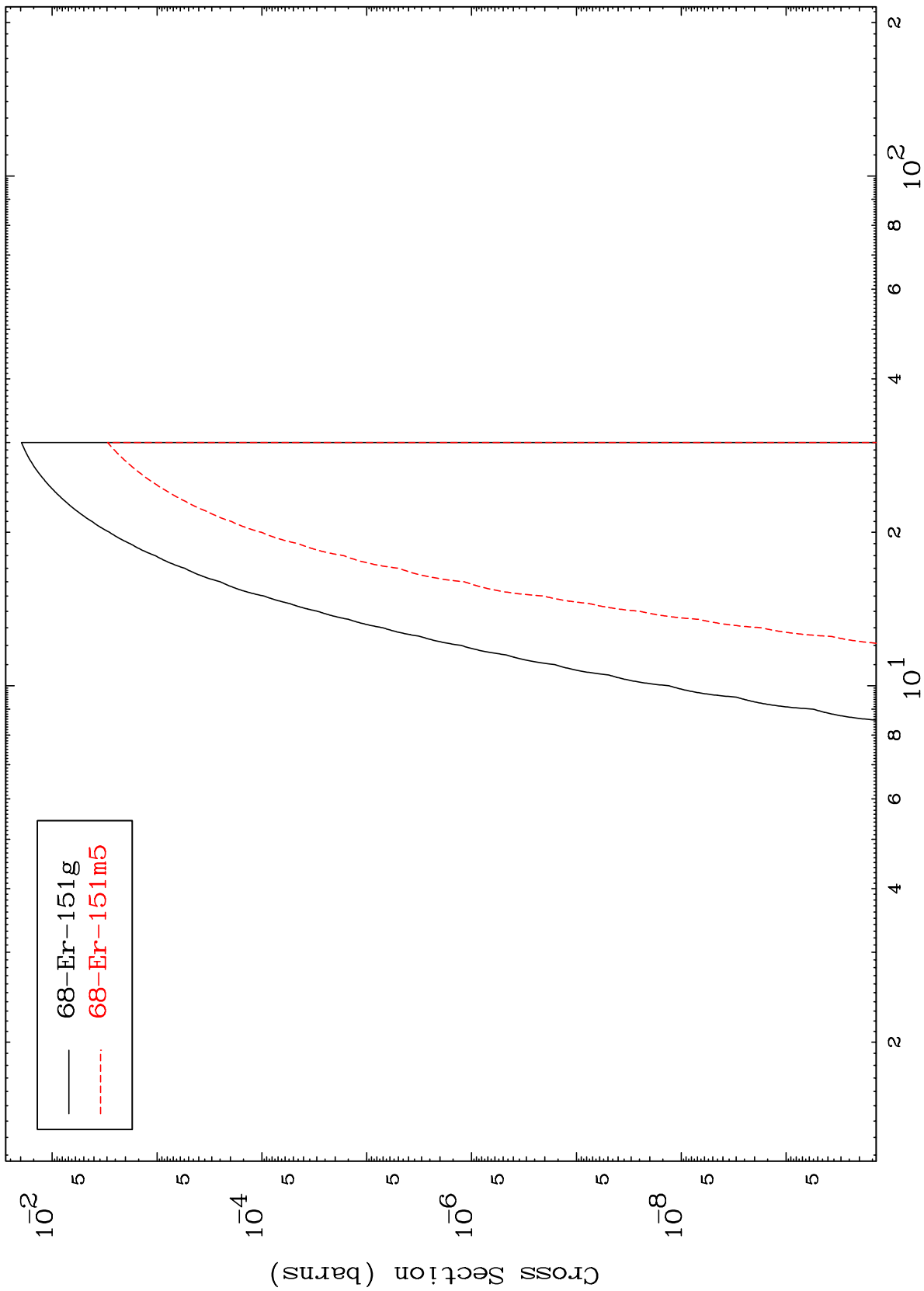




(n,p) α
Radionuclide Production Cross Section



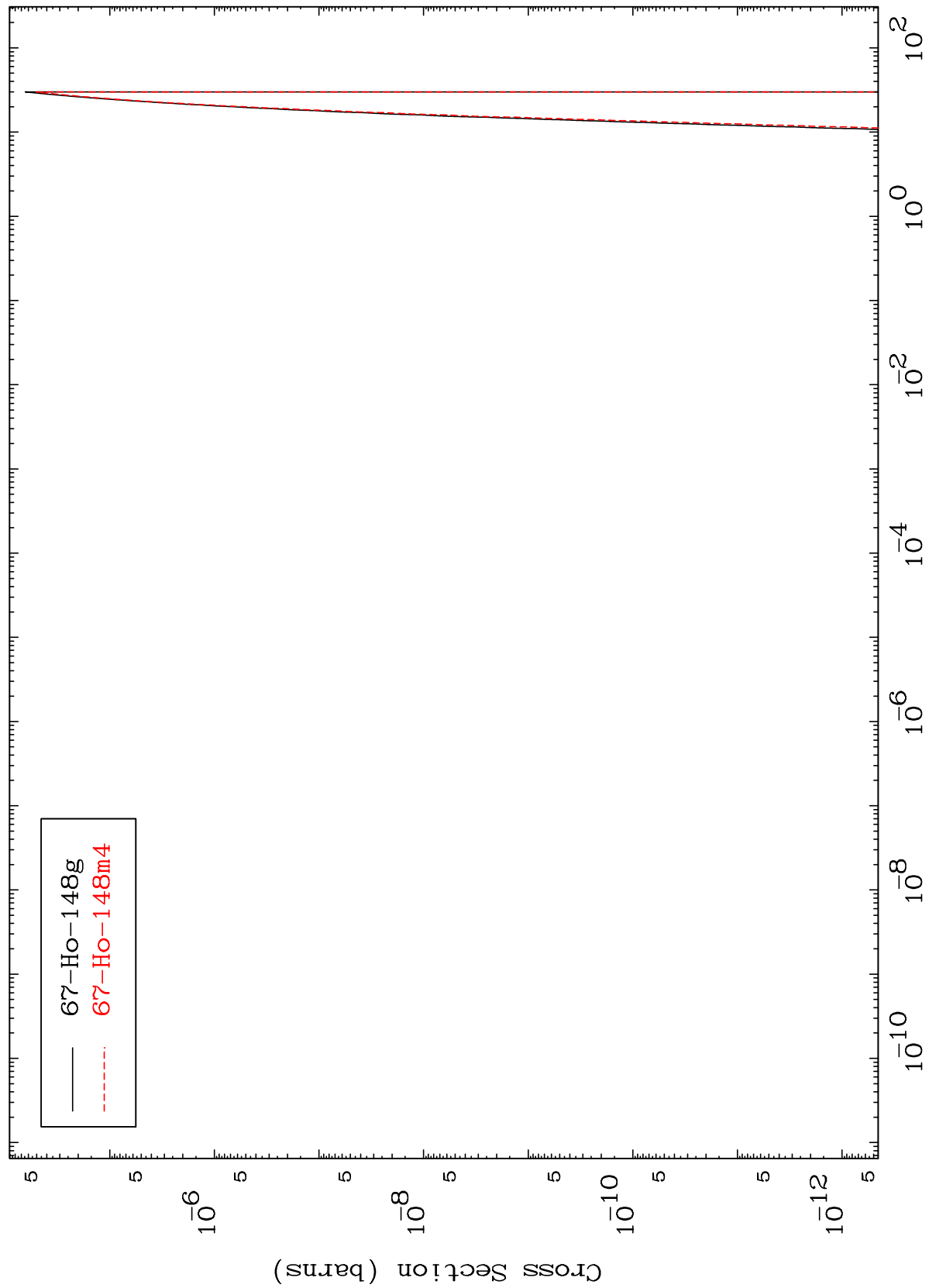
(n,p) d
Radionuclide Production Cross Section



MAT 6980

70-Yb-153

(n,d) α
Radionuclide Production Cross Section



— $^{67}\text{Ho-148g}$
- - - $^{67}\text{Ho-148m4}$

70-Yb-153

Incident Energy (MeV)

53