

Program EVALPLOT
(Version 2021-1)

by

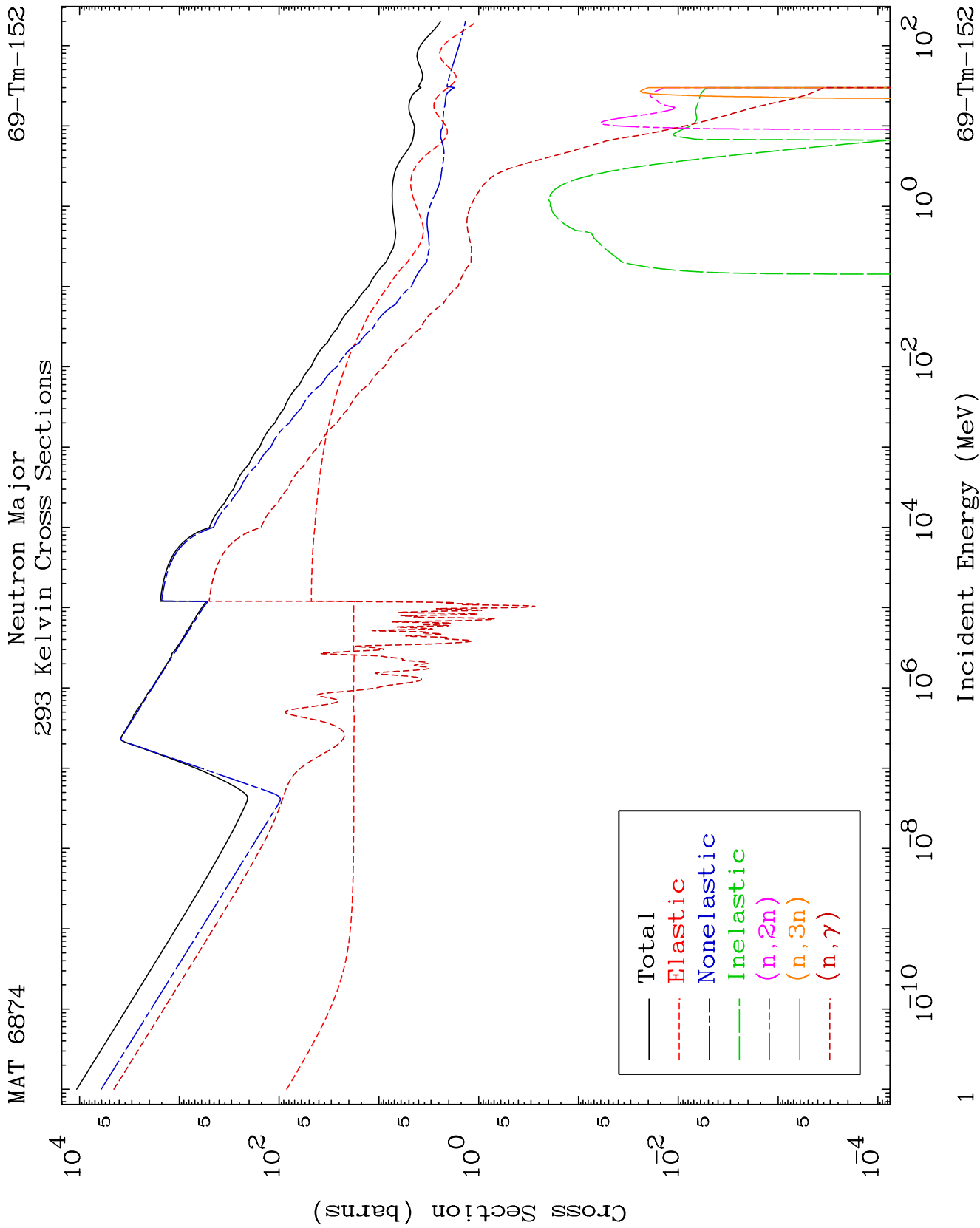
Dermott E. Cullen
(Present Contact Information)

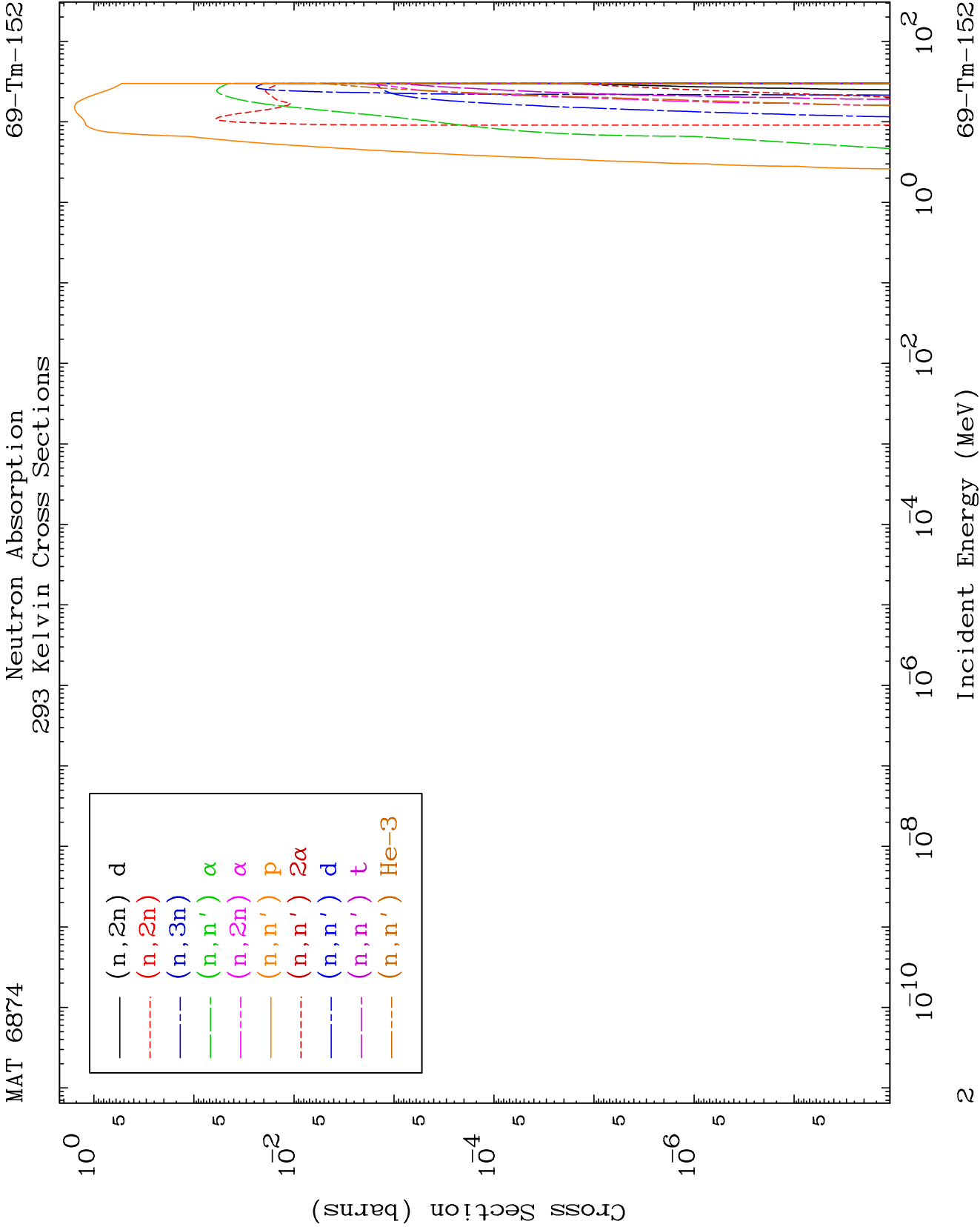
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

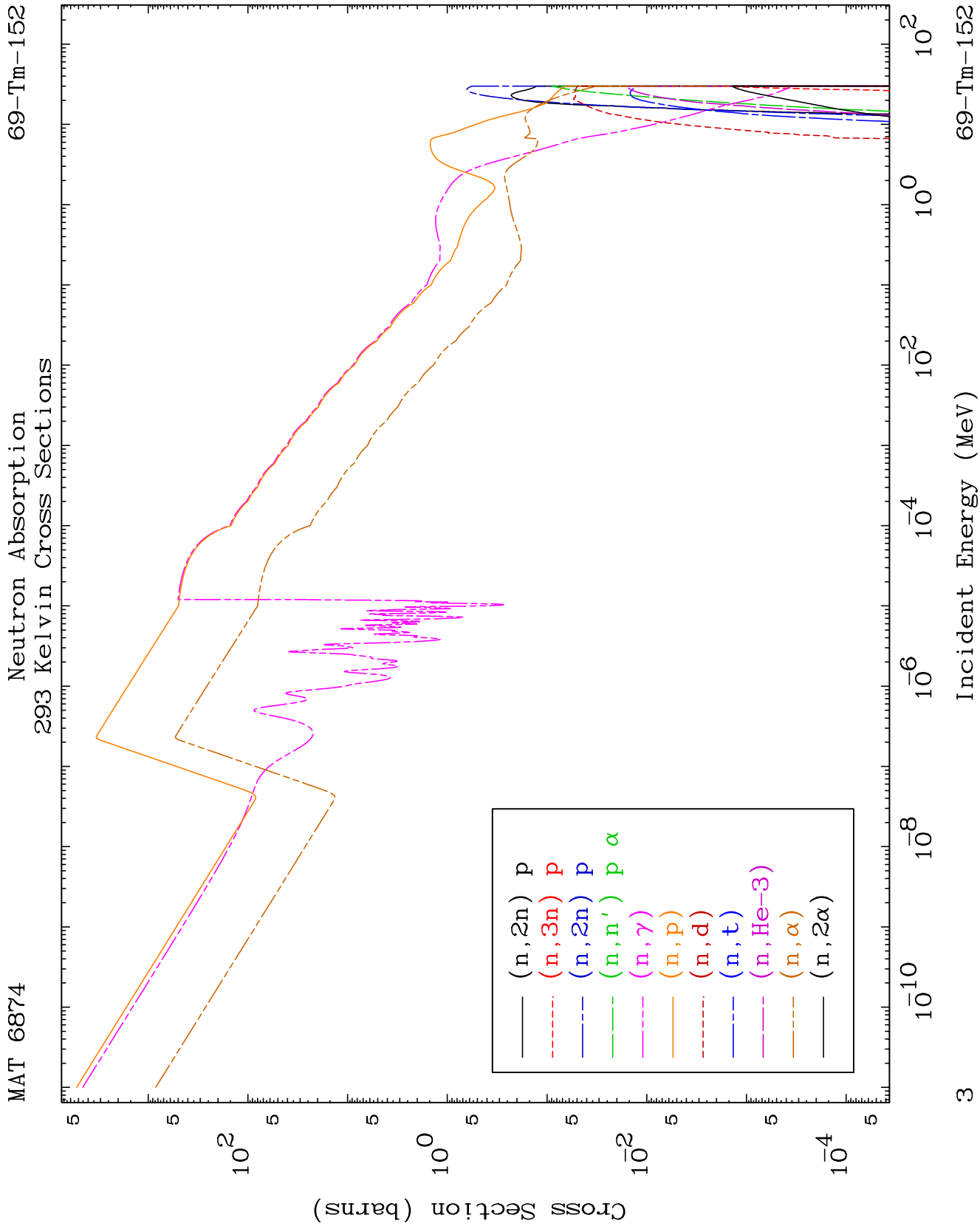
Tele: 925-443-1911

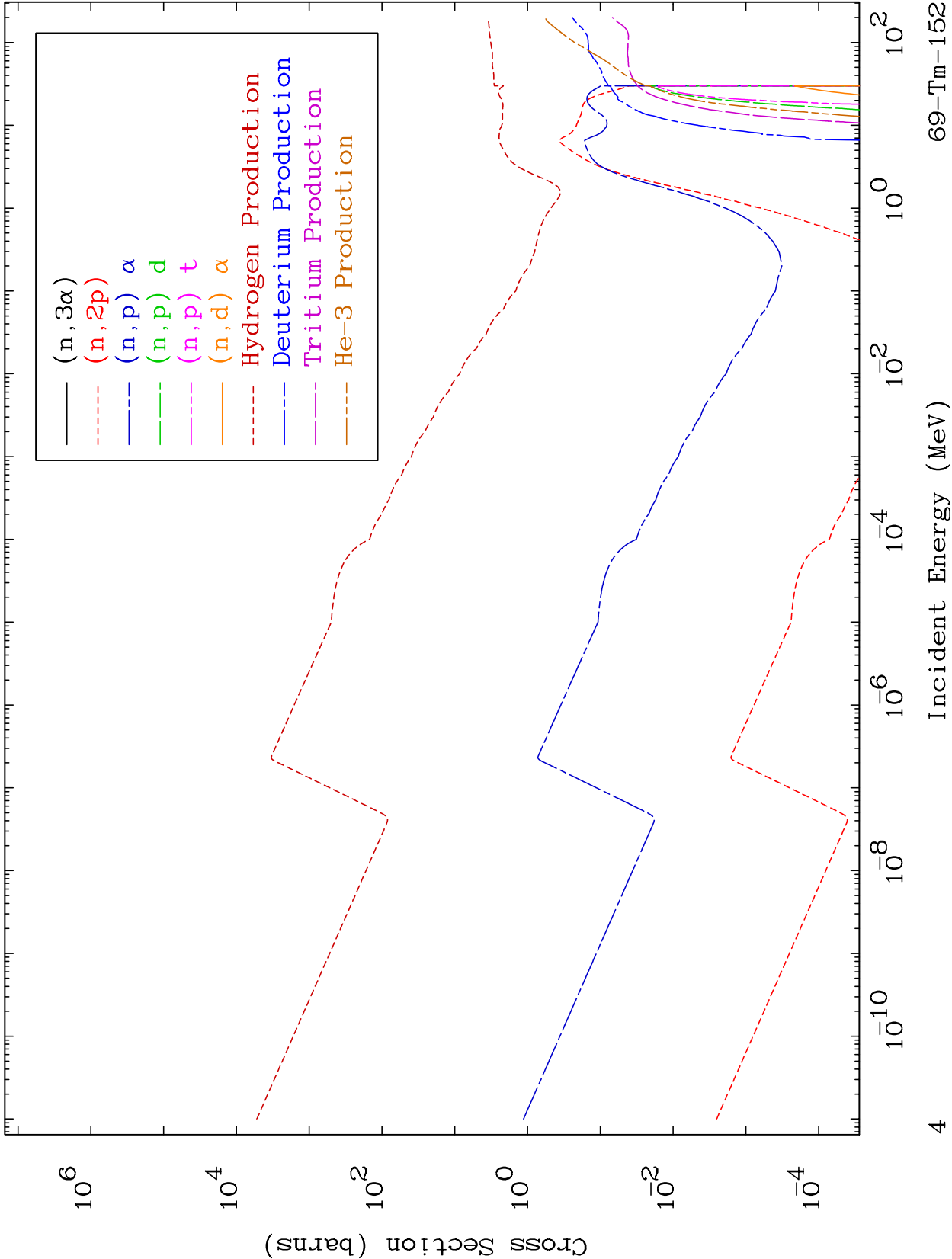
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

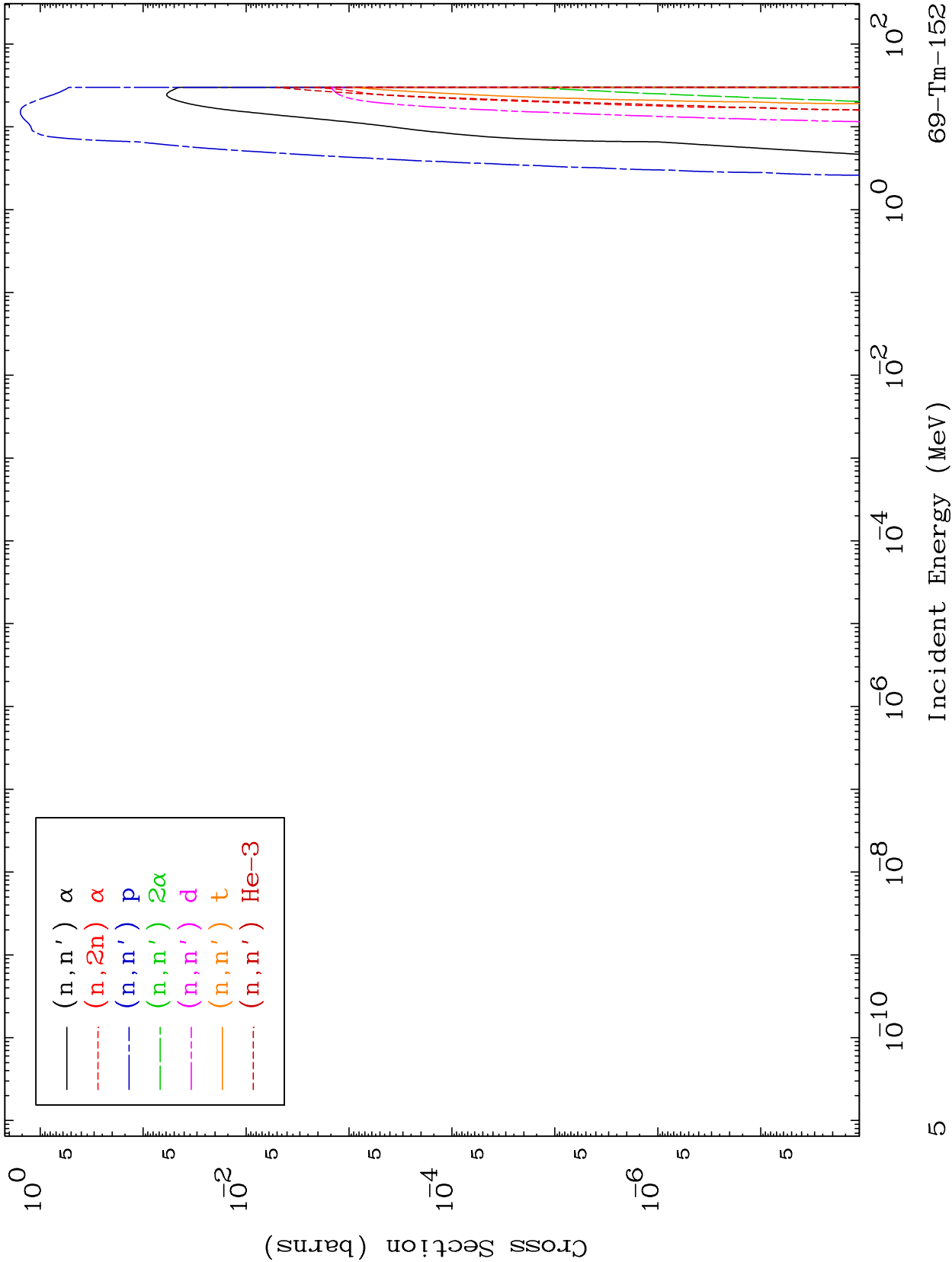
Press Mouse Button to Start

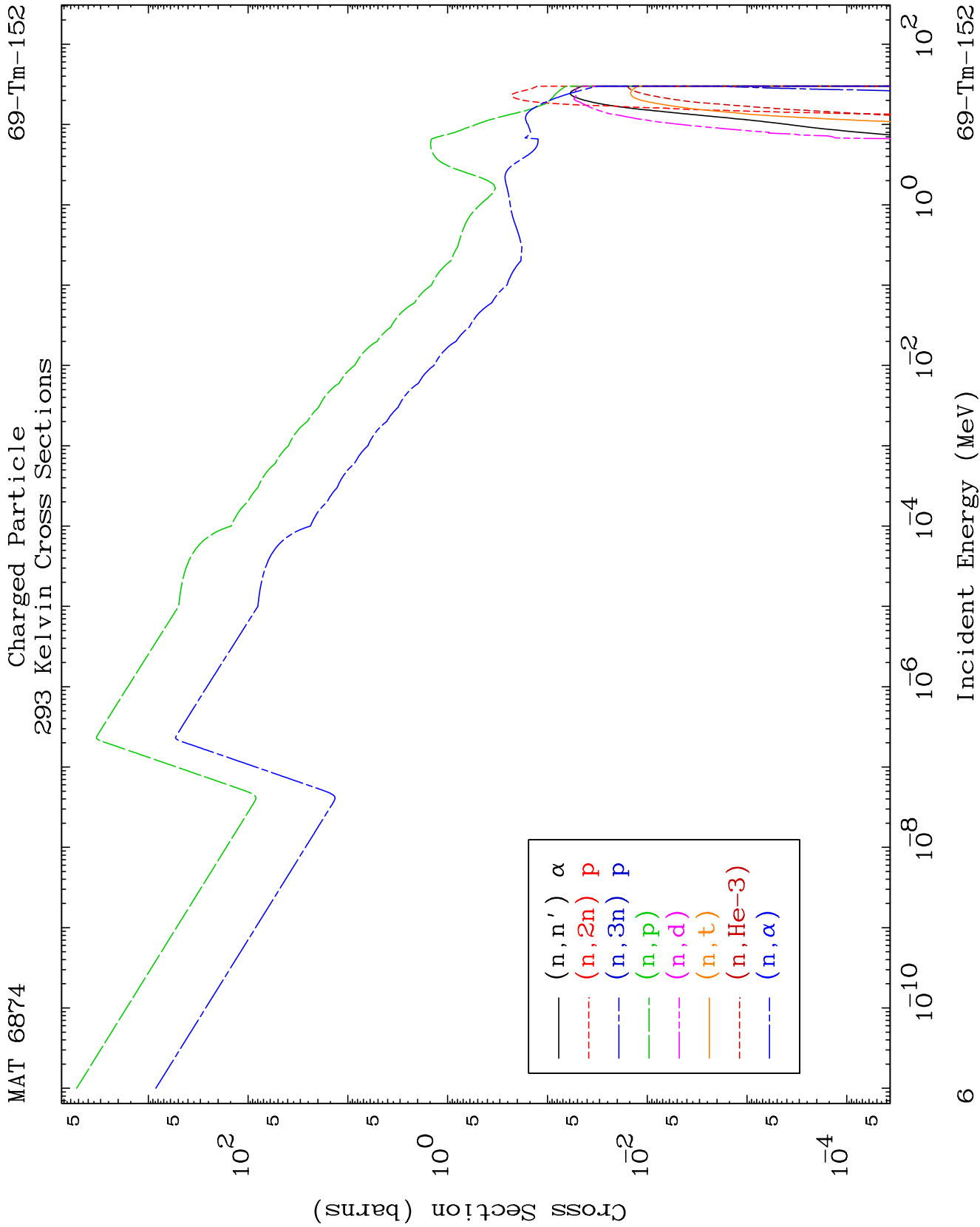


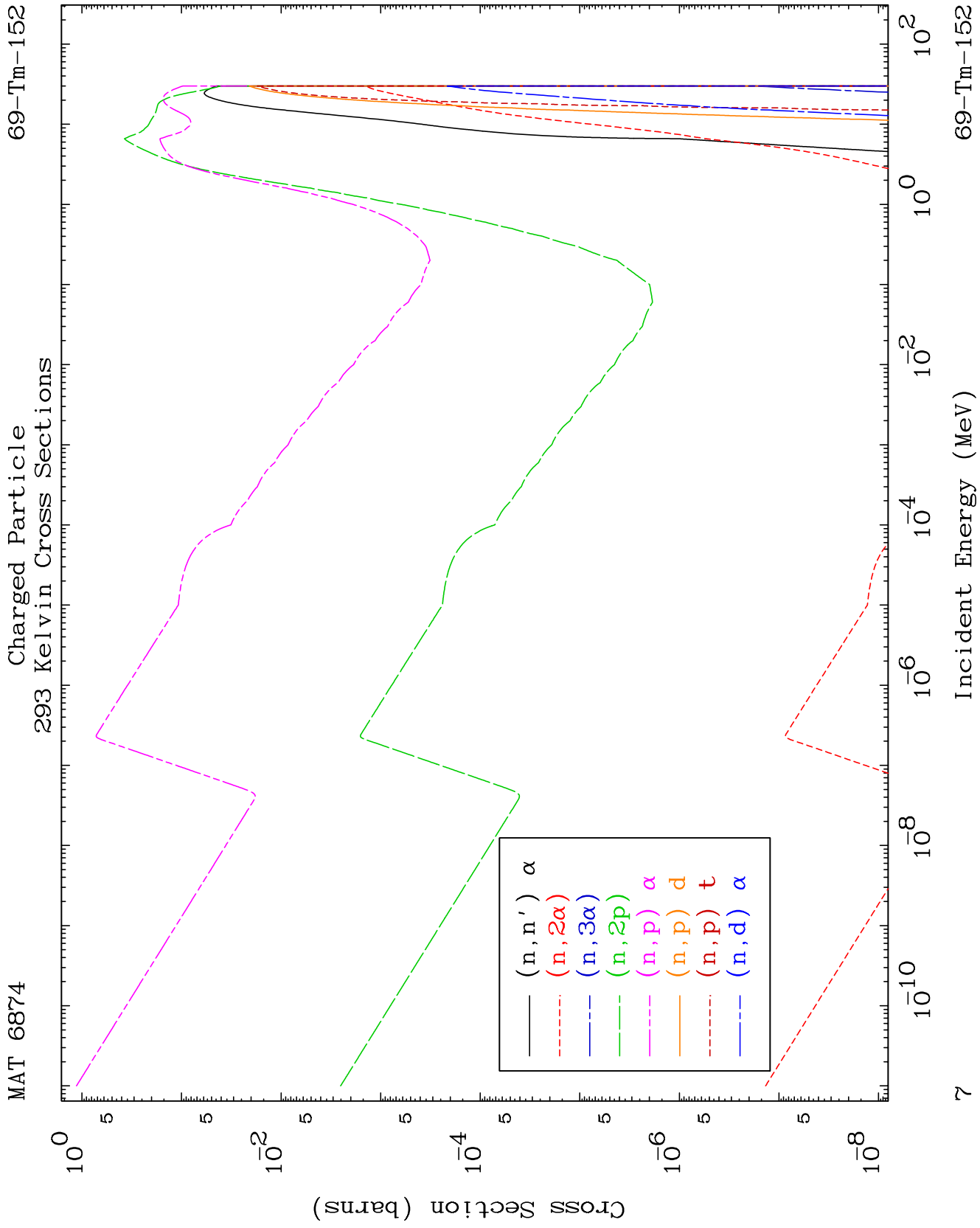


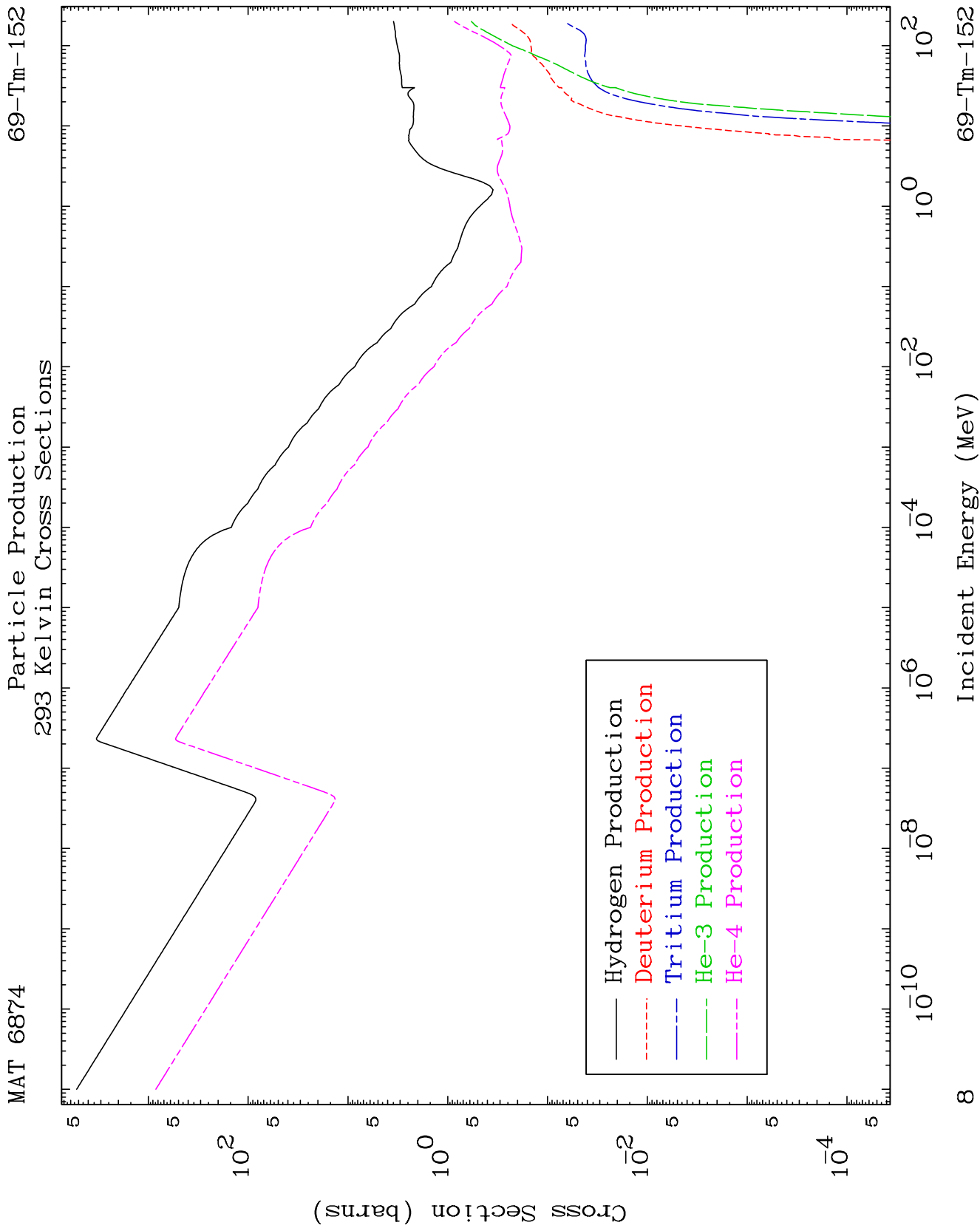


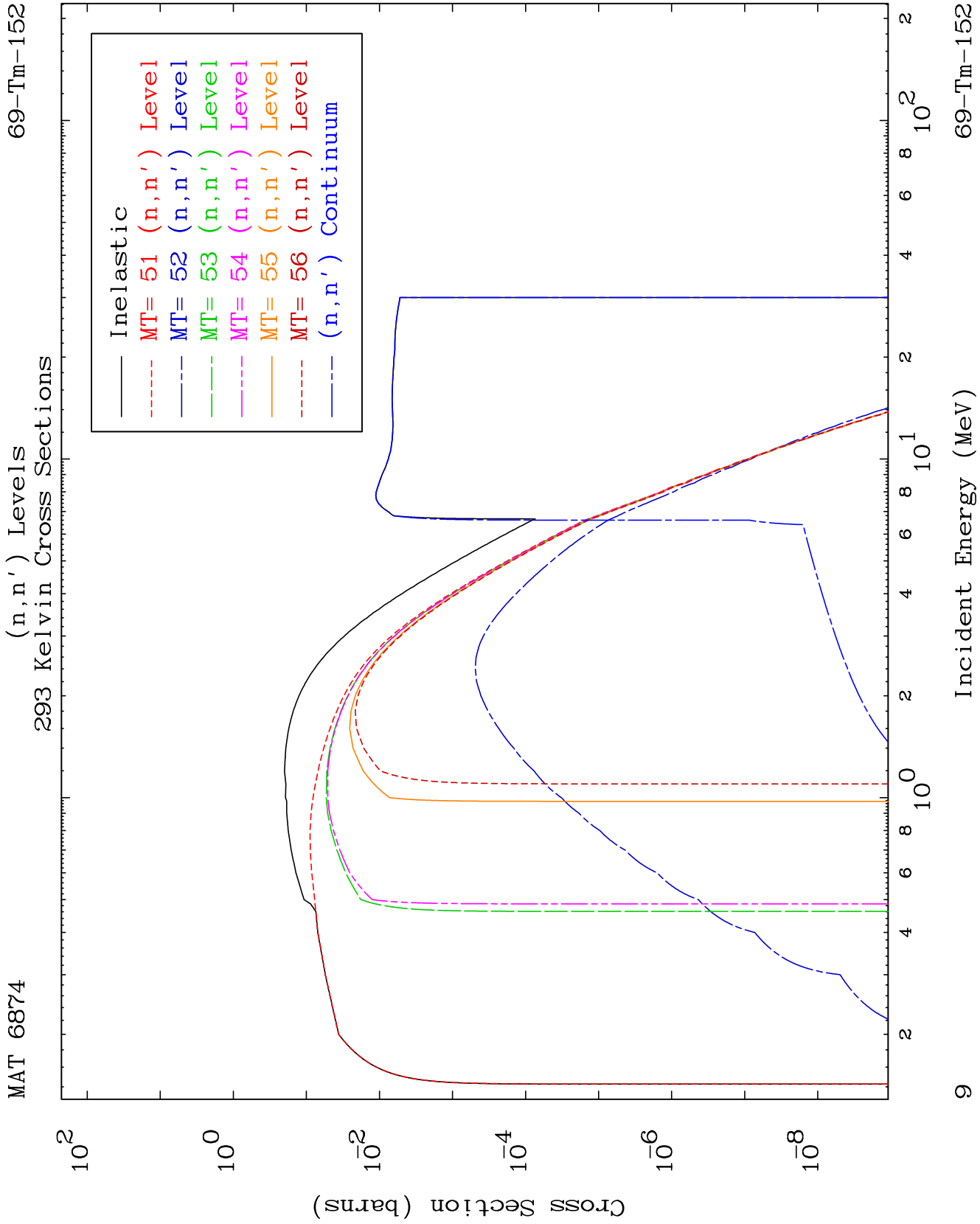


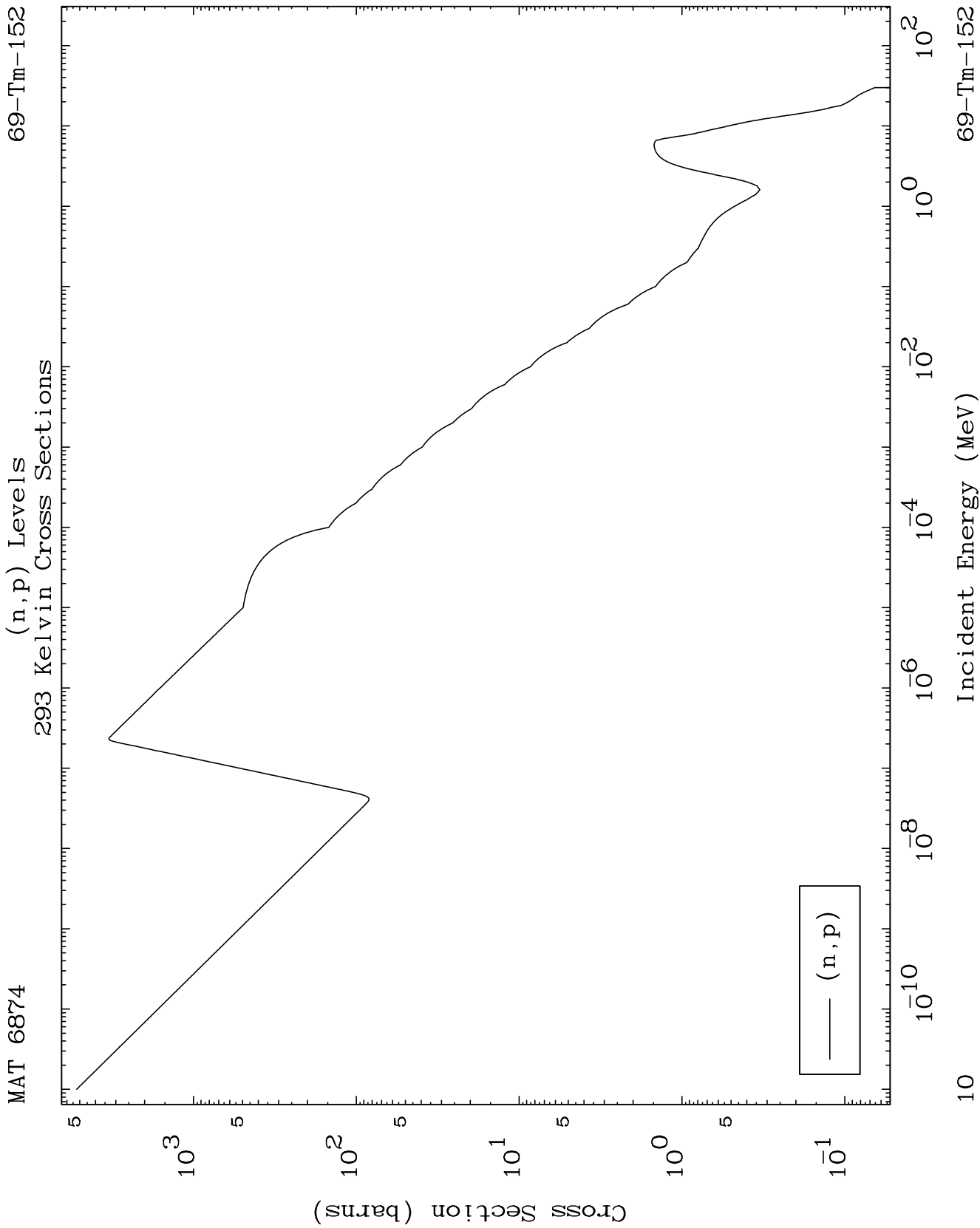








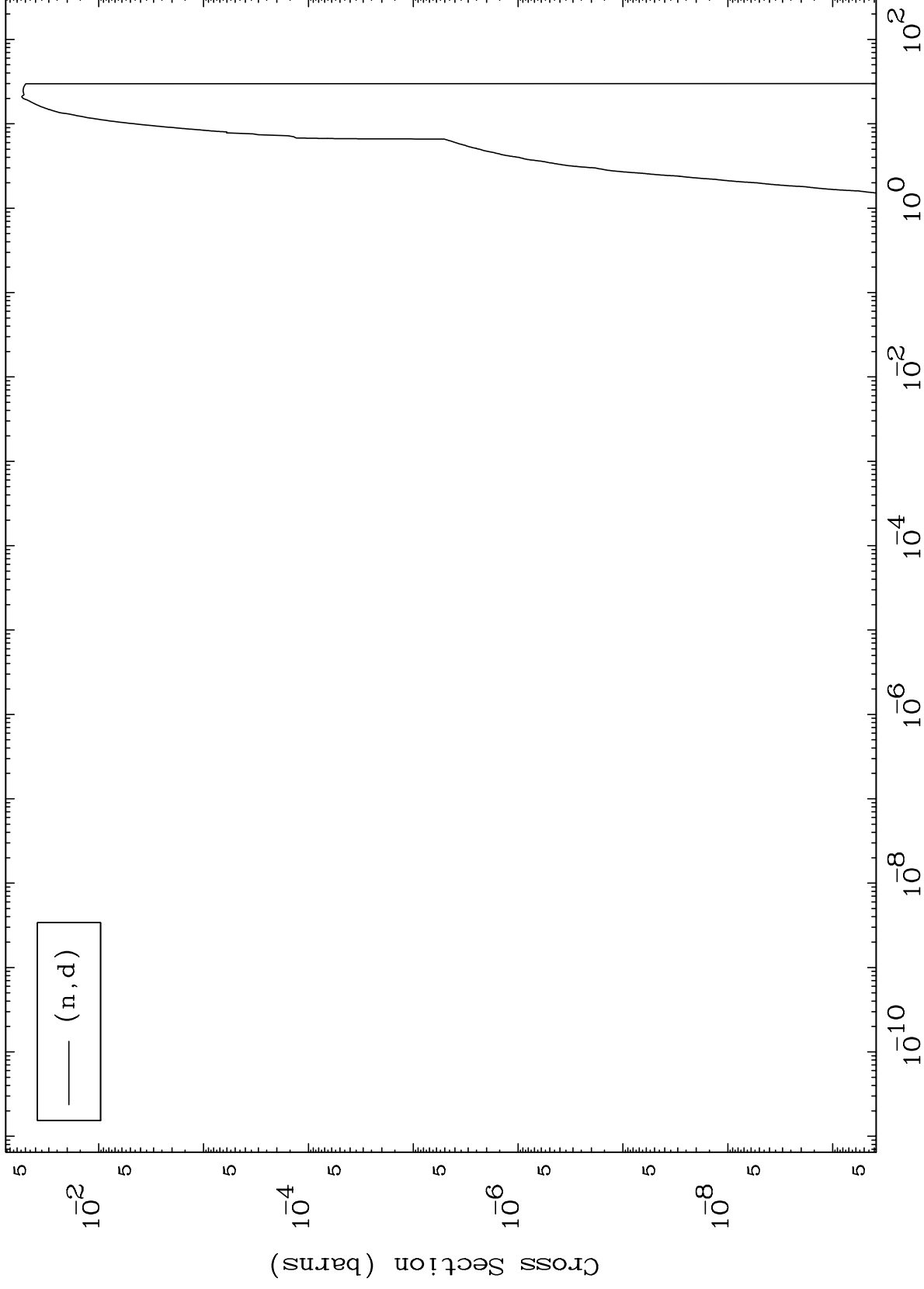




MAT 6874

(n,d) Levels
293 Kelvin Cross Sections

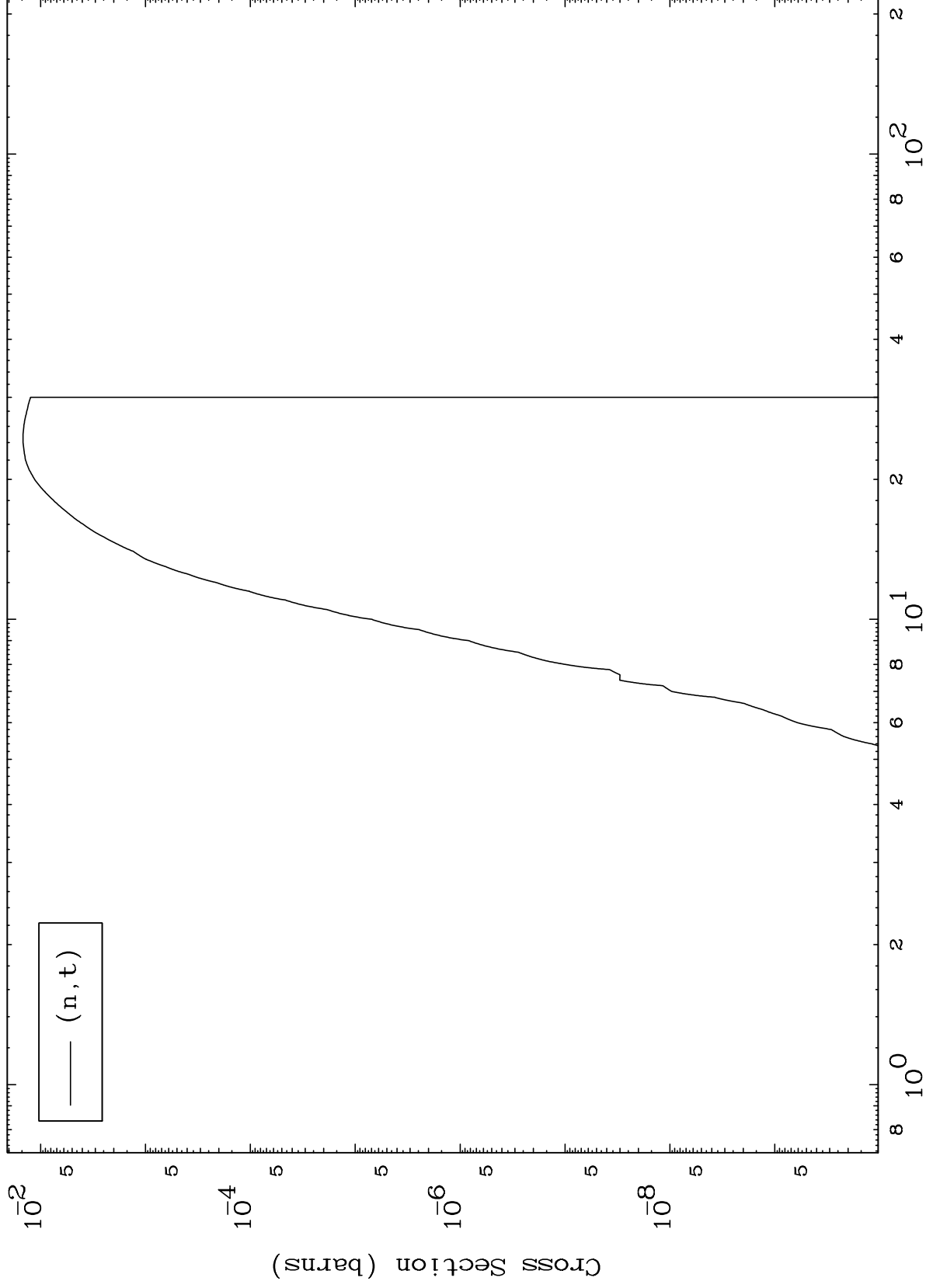
69-Tm-152



MAT 6874

69-Tm-152

(n,t) Levels
293 Kelvin Cross Sections



69-Tm-152

Incident Energy (MeV)

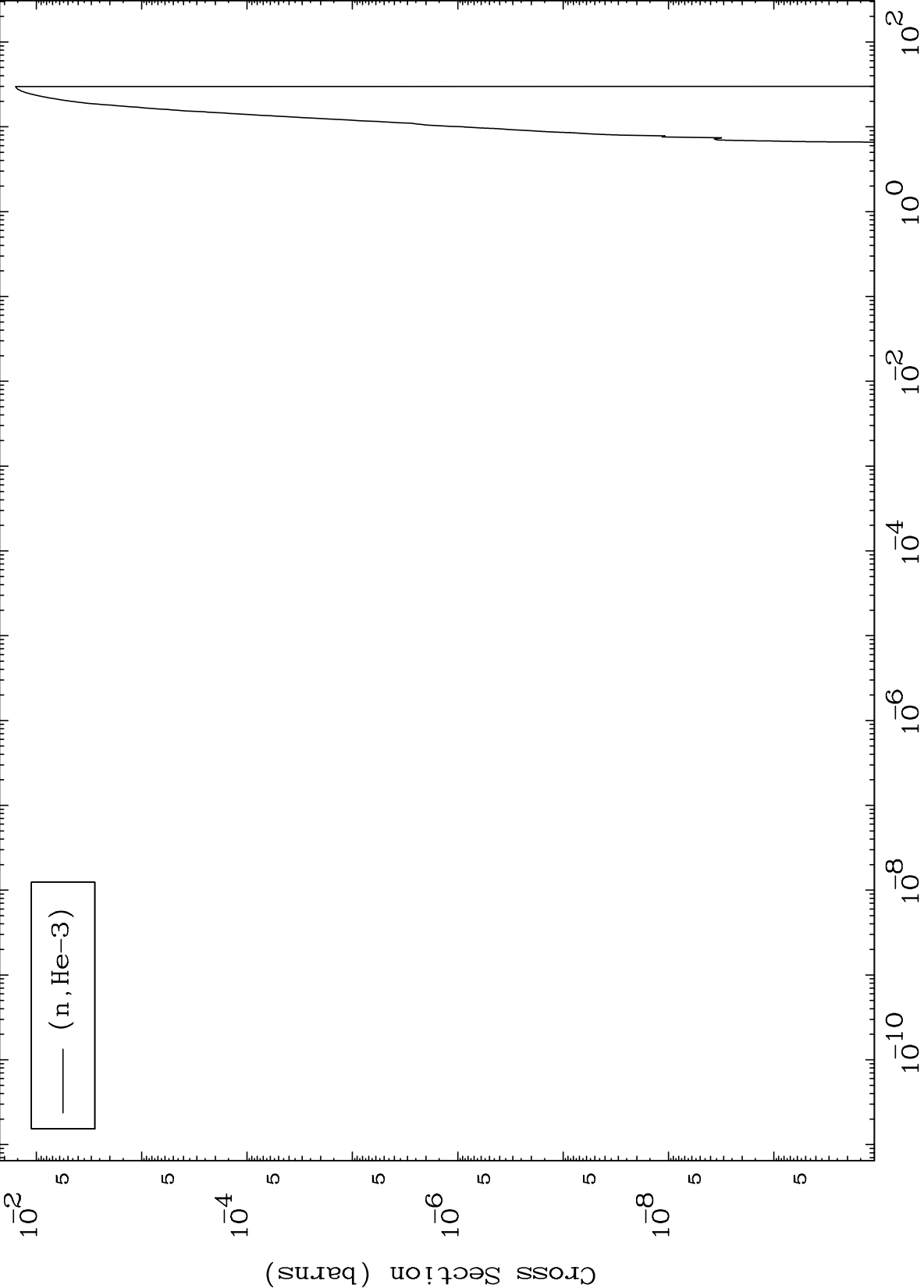
12

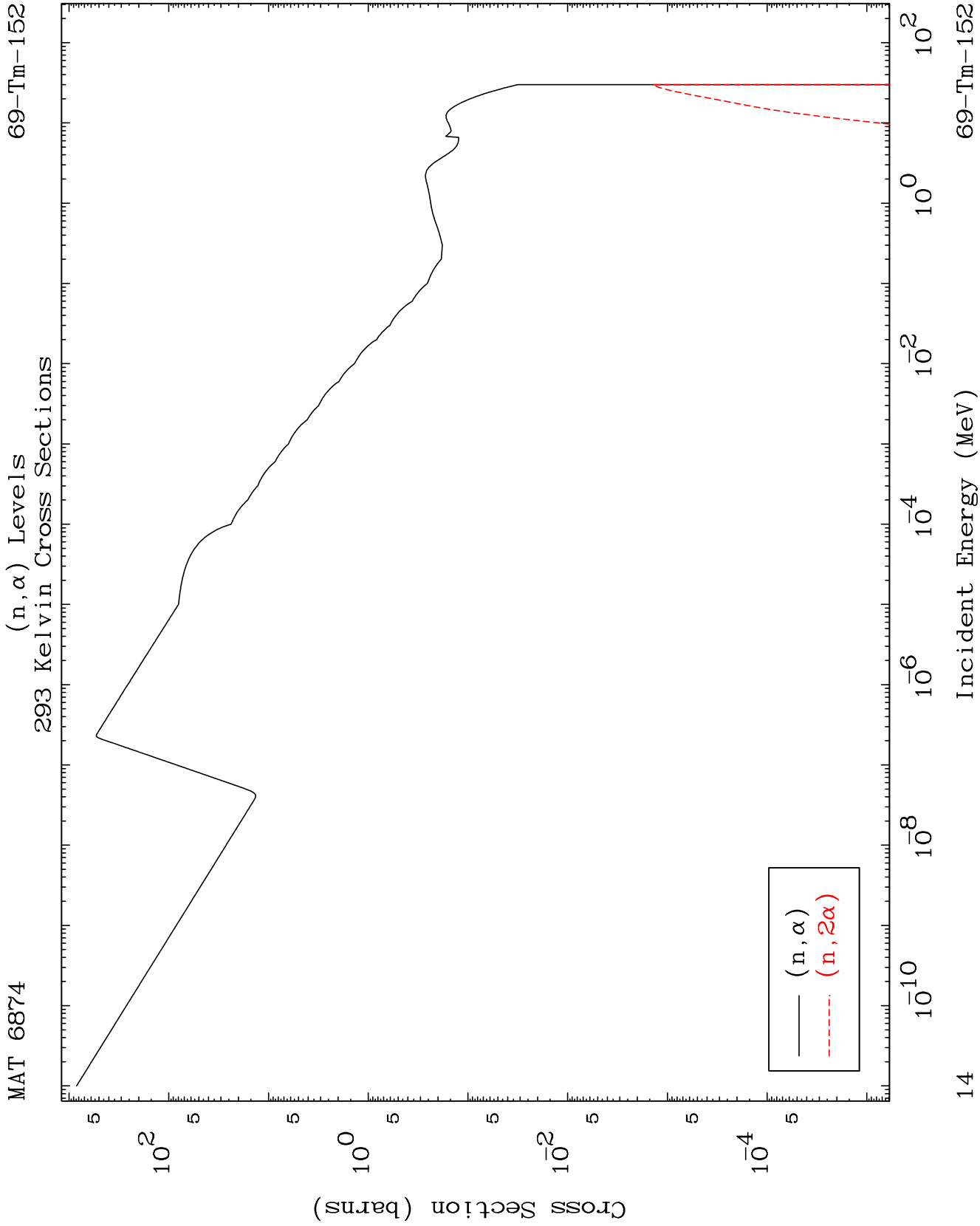
MAT 6874

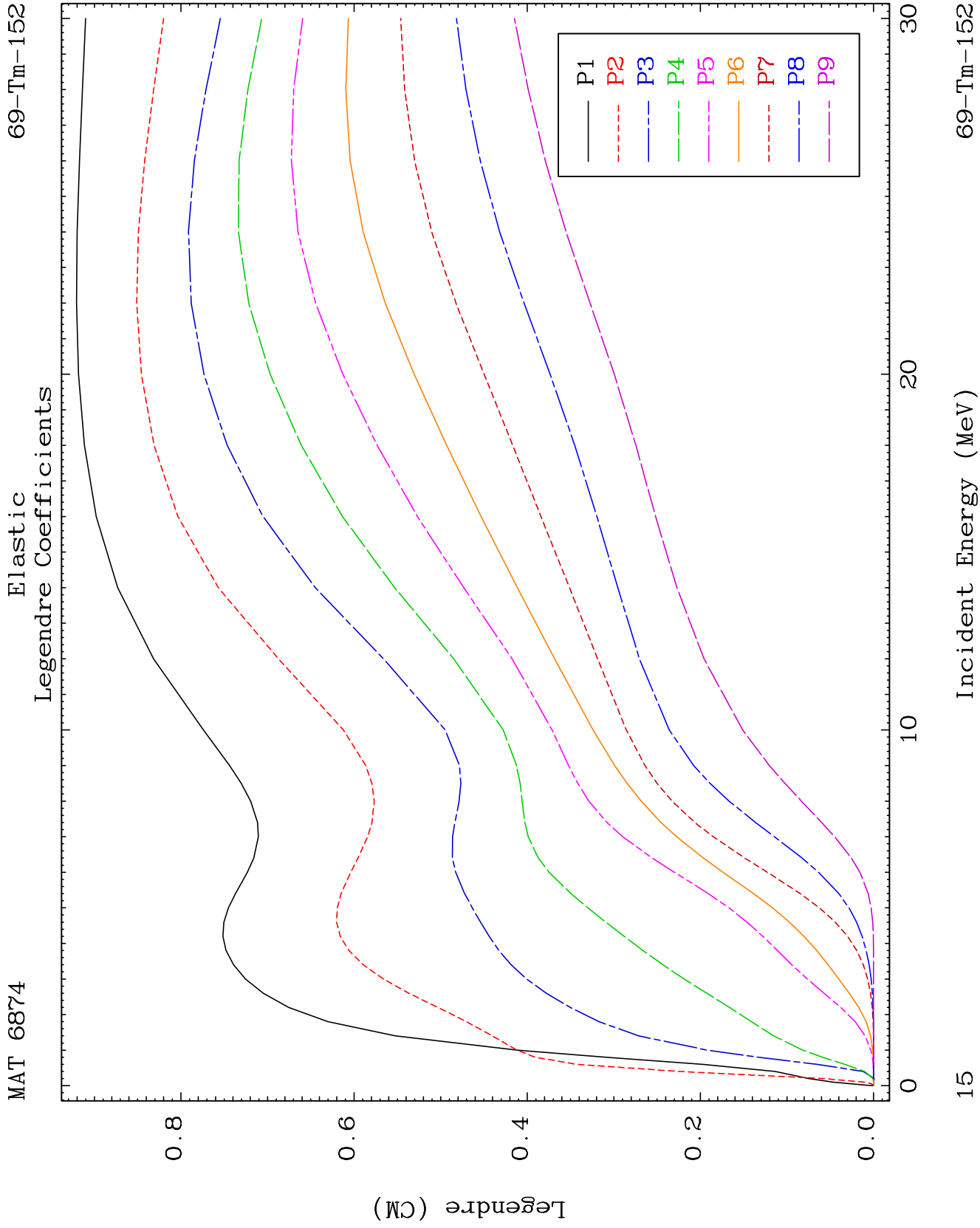
(n,He3) Levels

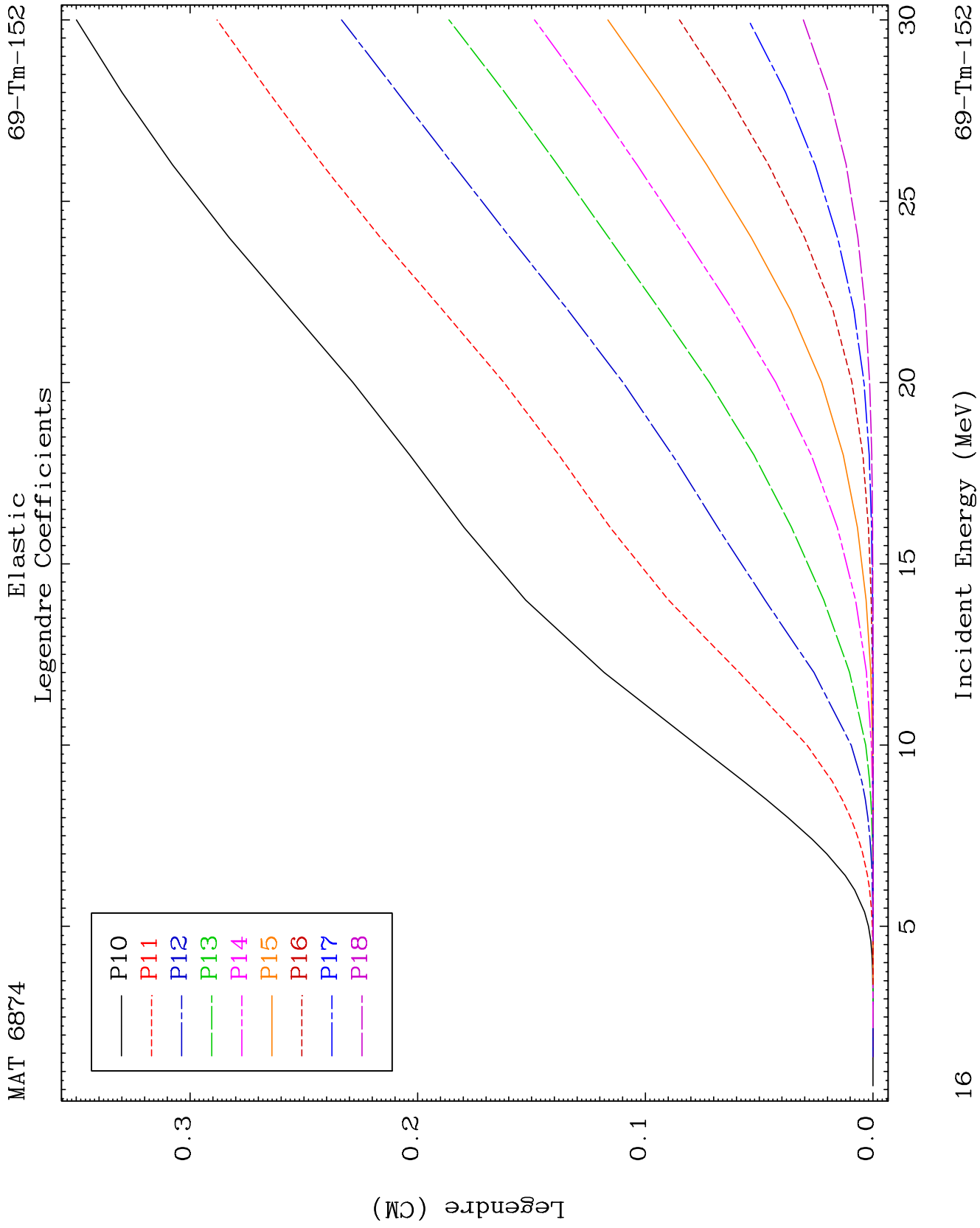
69-Tm-152

293 Kelvin Cross Sections





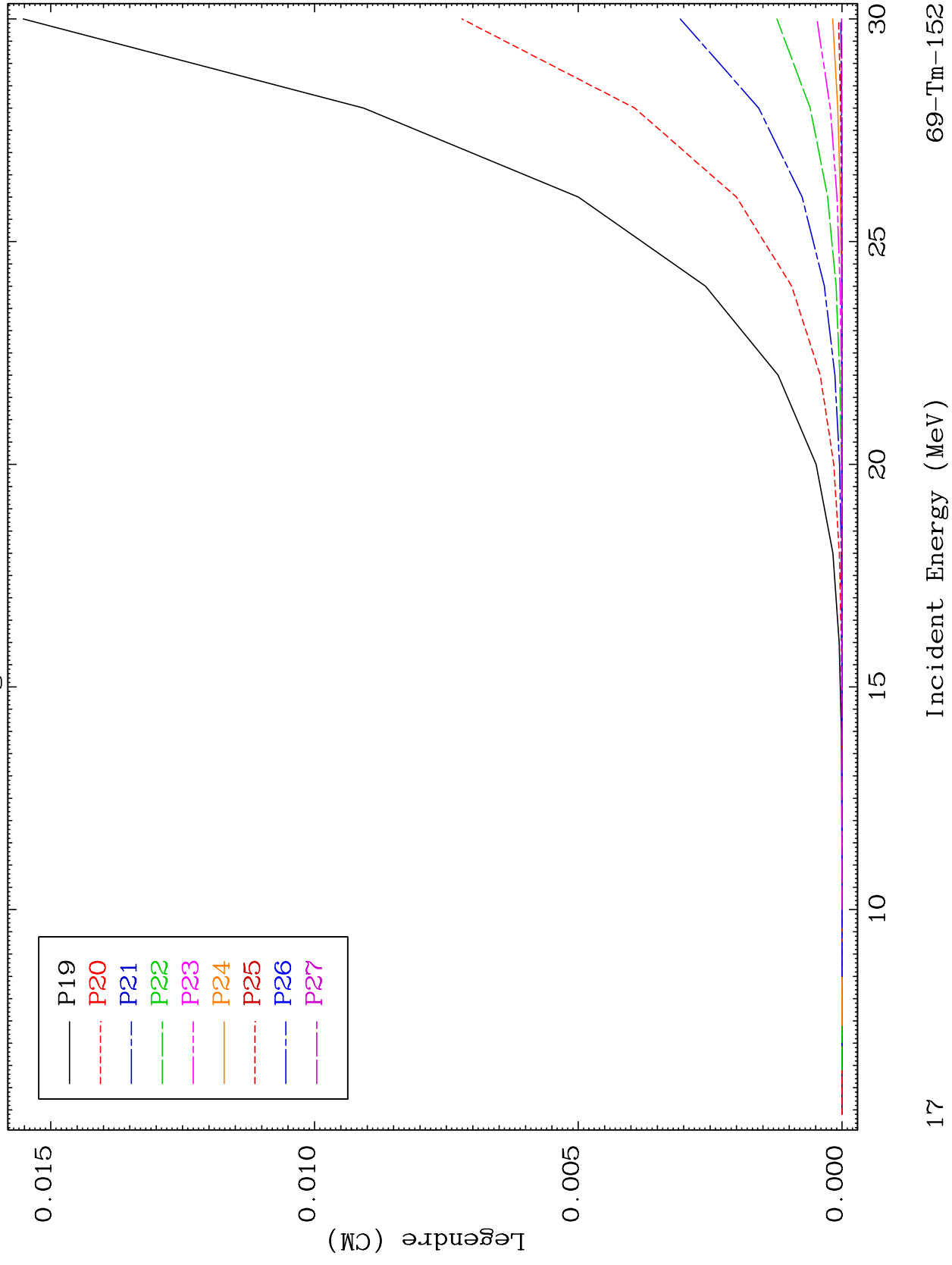


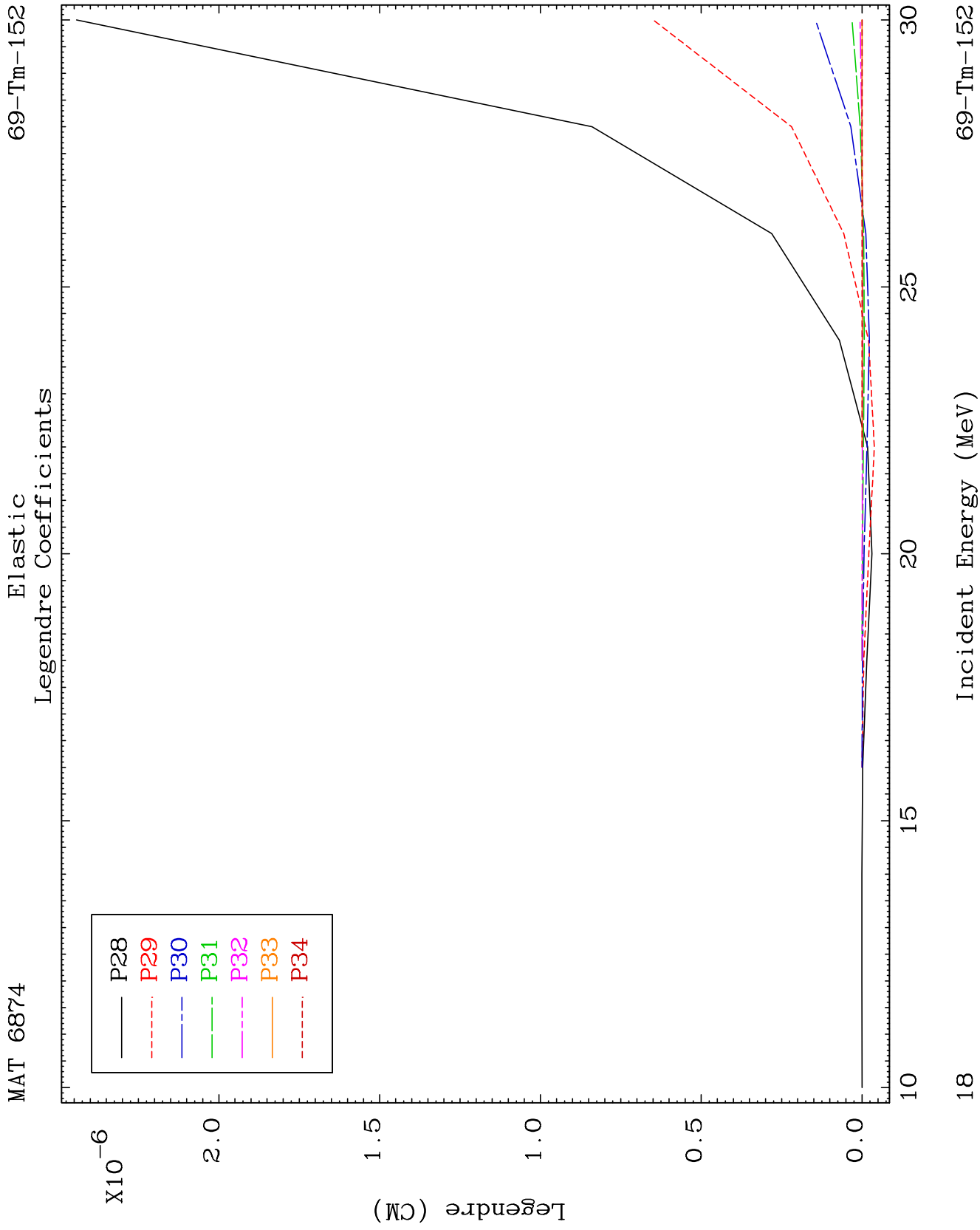


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Elastic Legendre Coefficients

69-Tm-152

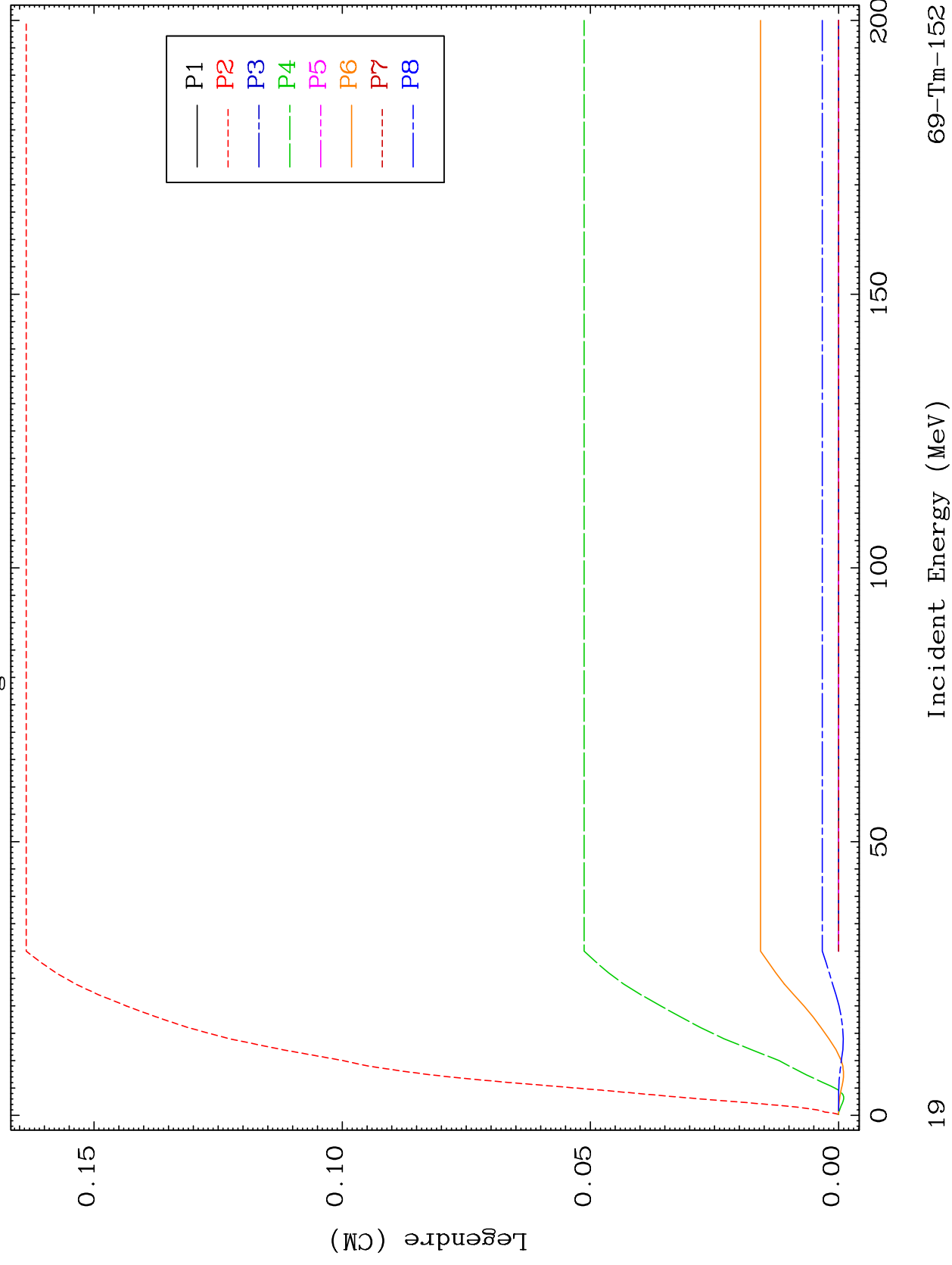


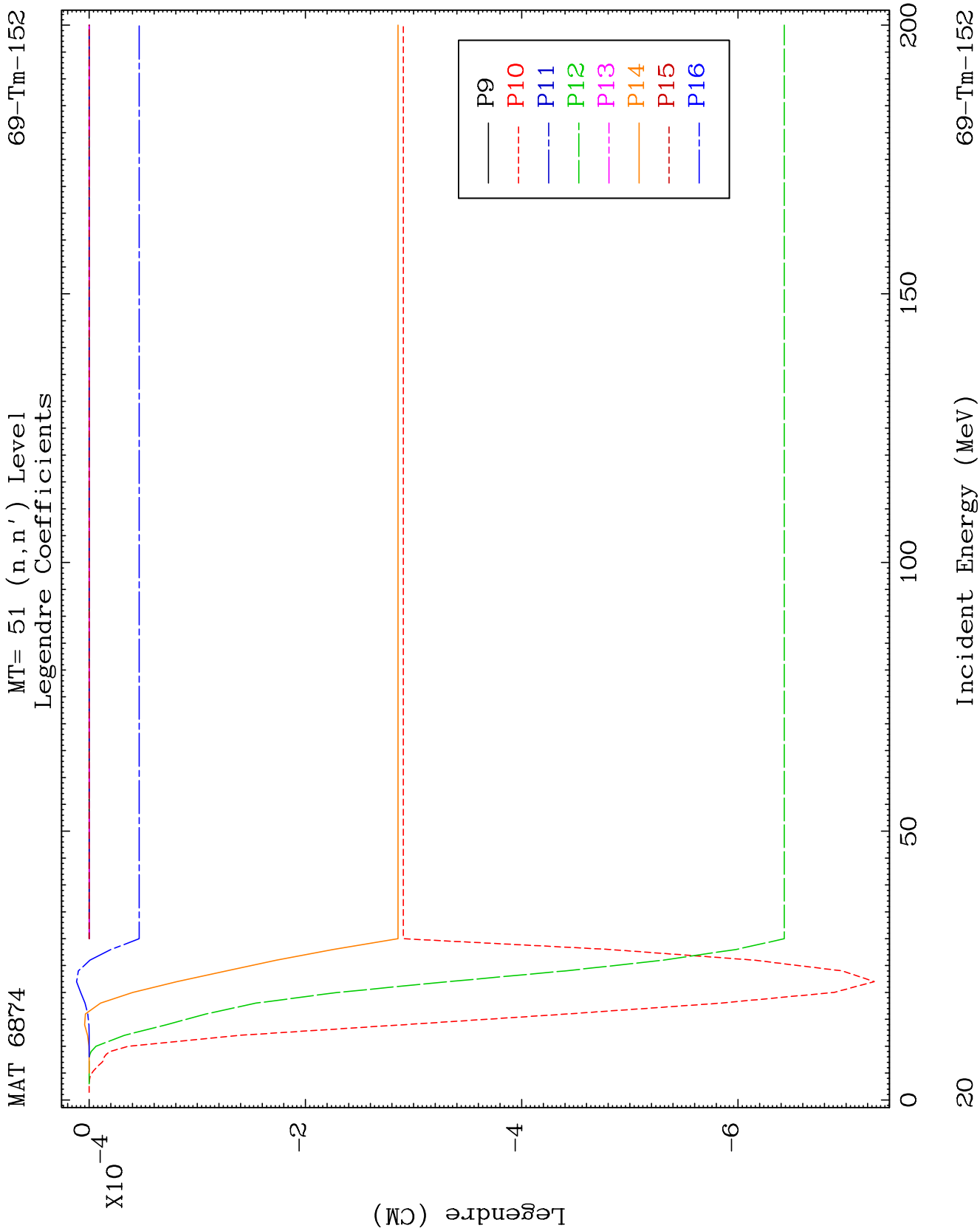


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MT= 51 (n, n') Level
Legendre Coefficients

69-Tm-152

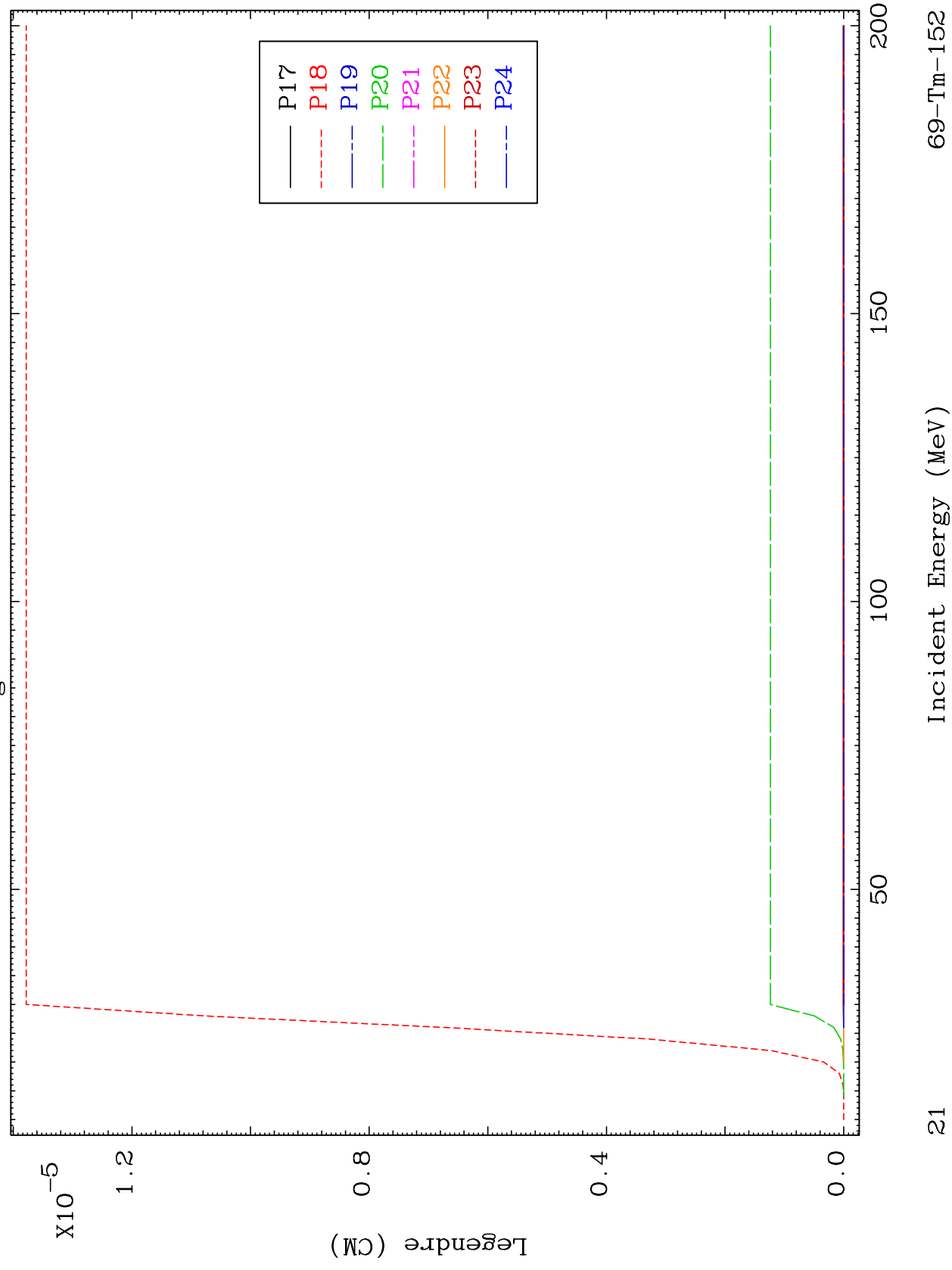




MAT 6874

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

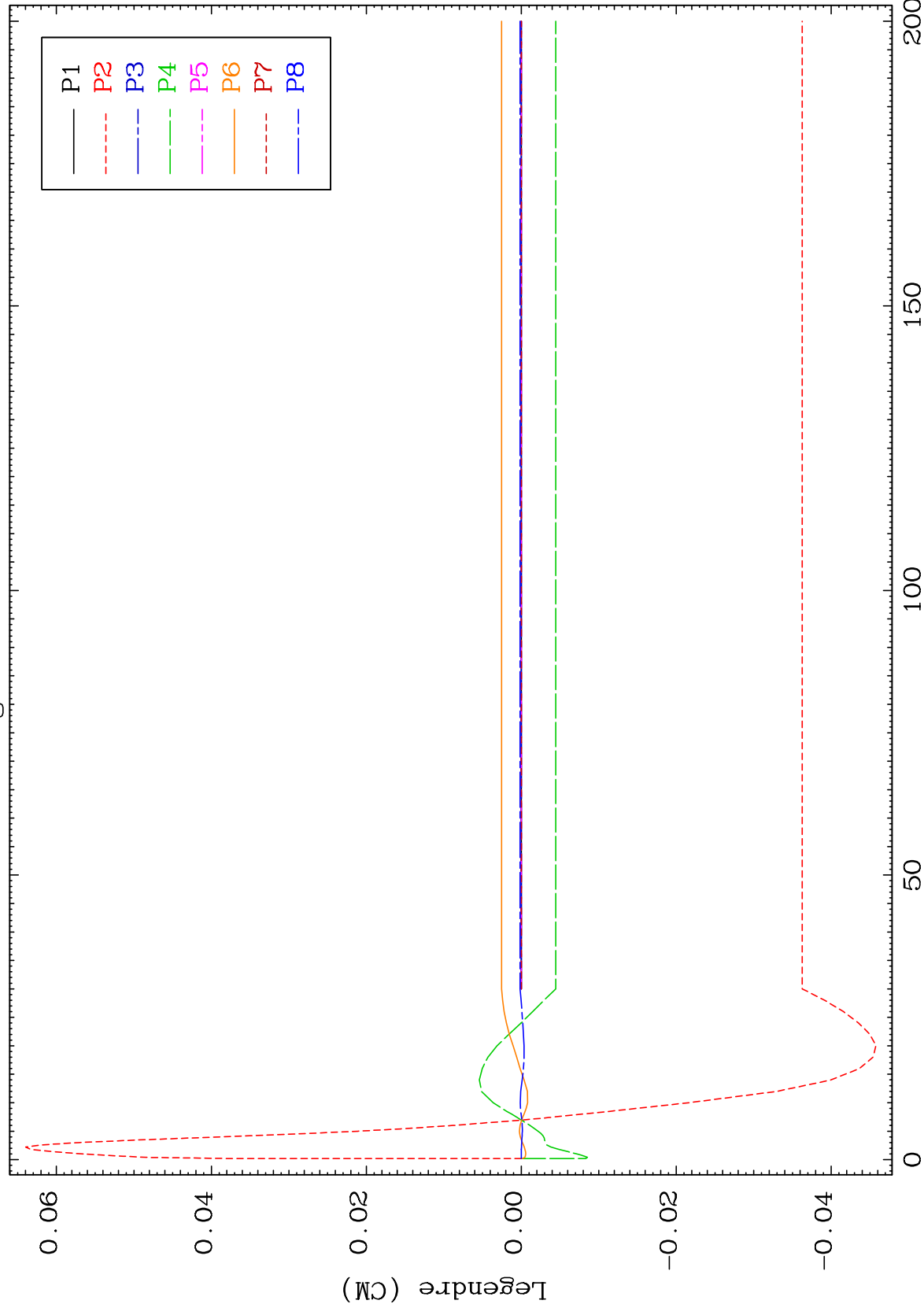
69-Tm-152



MAT 6874

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

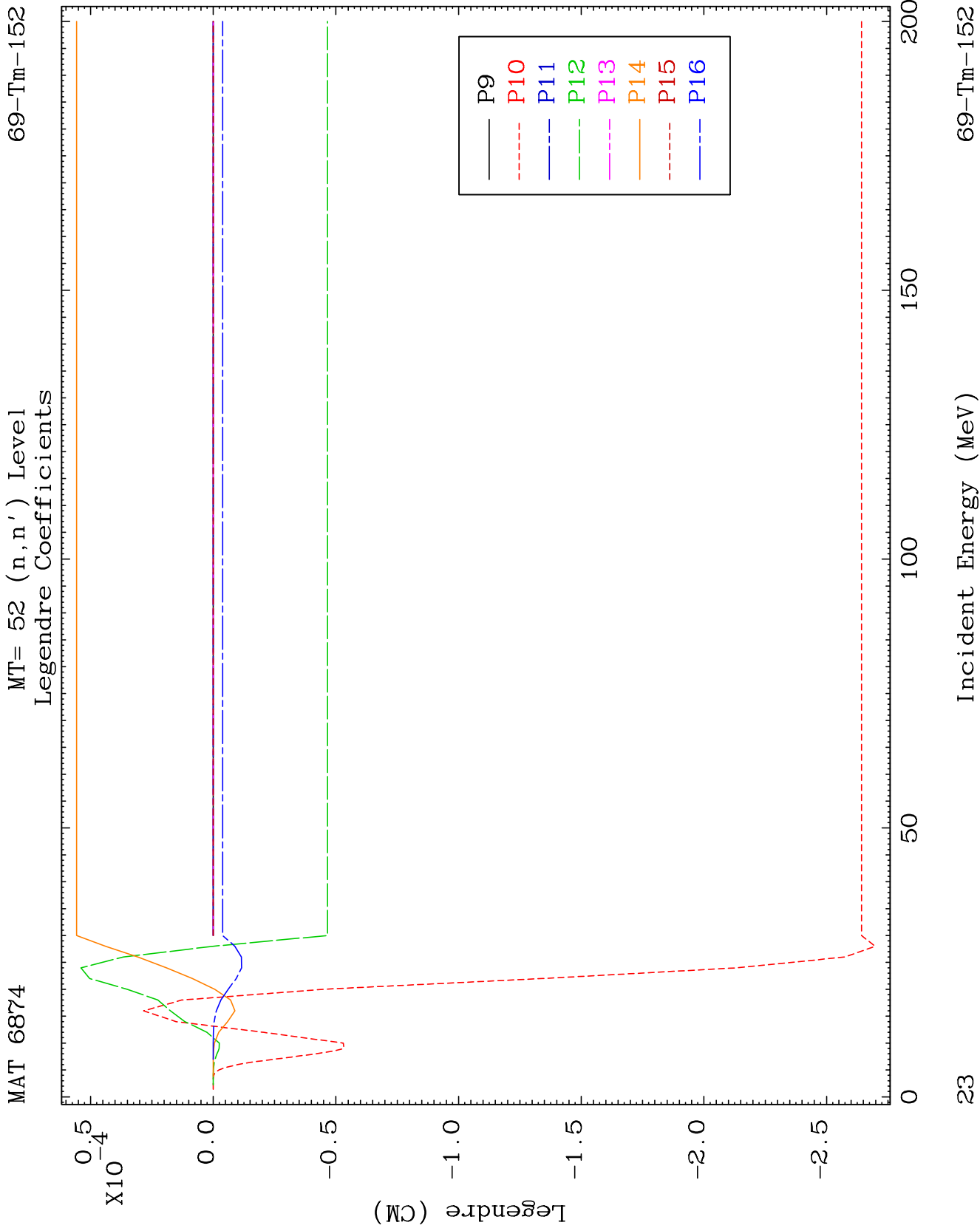
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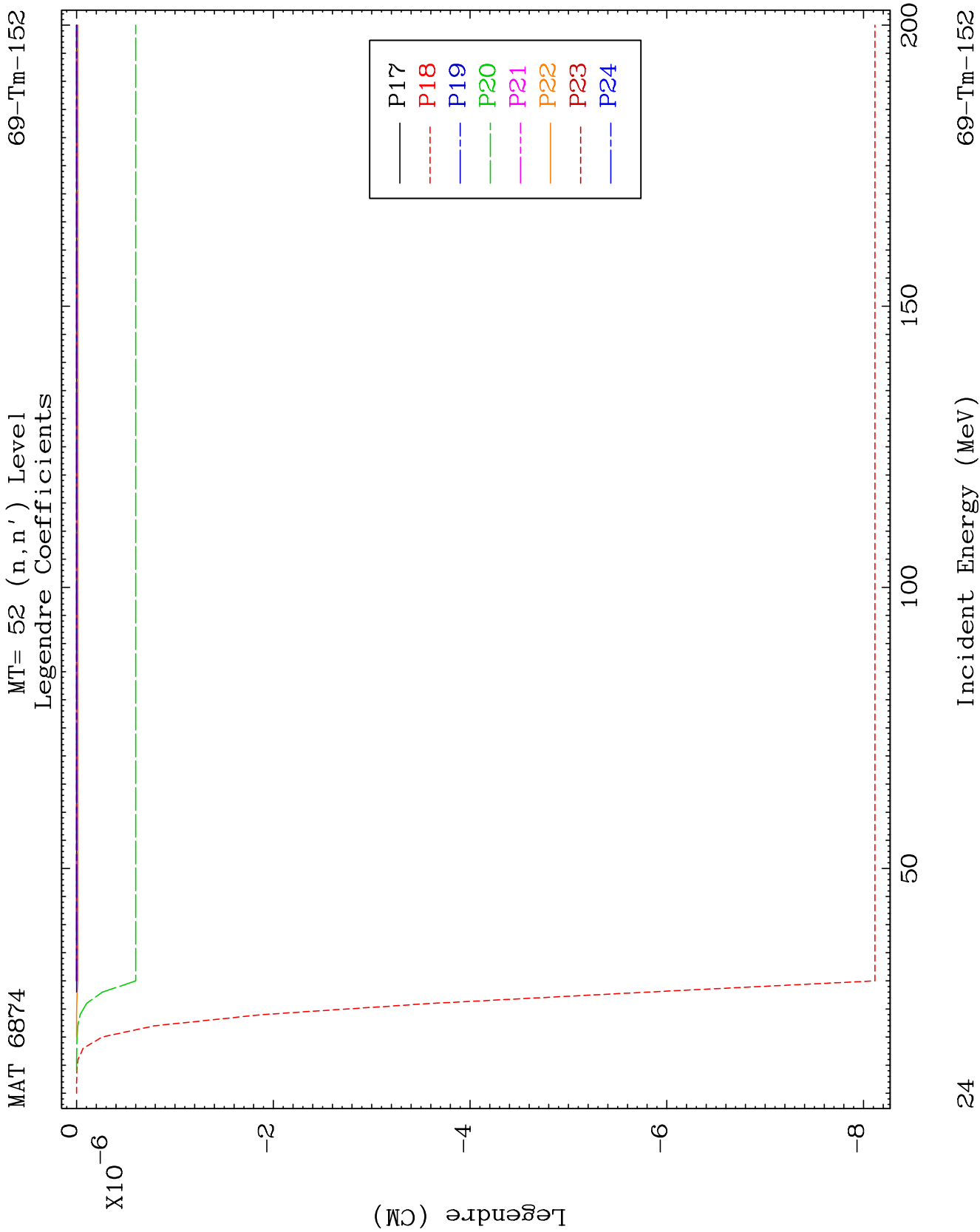


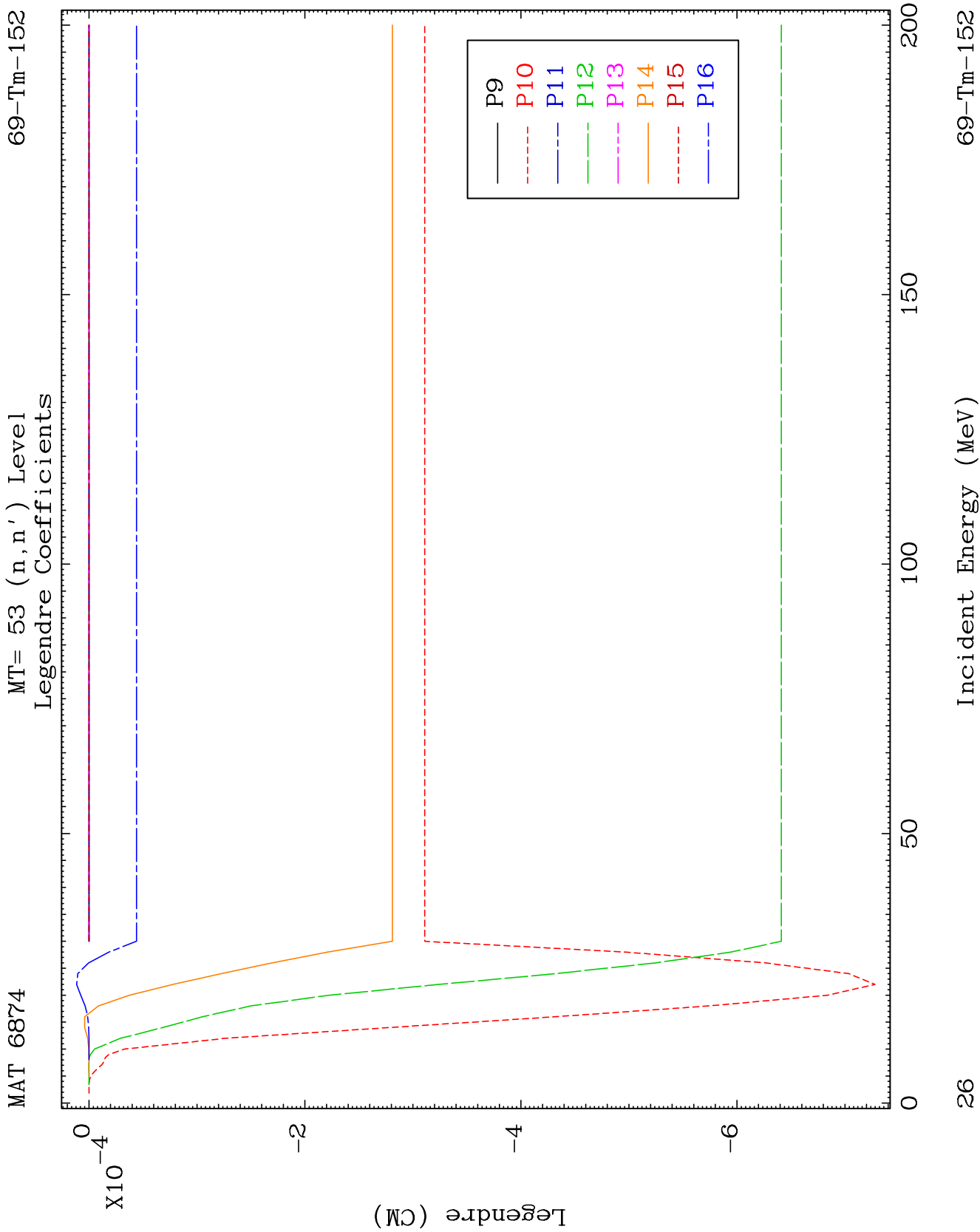
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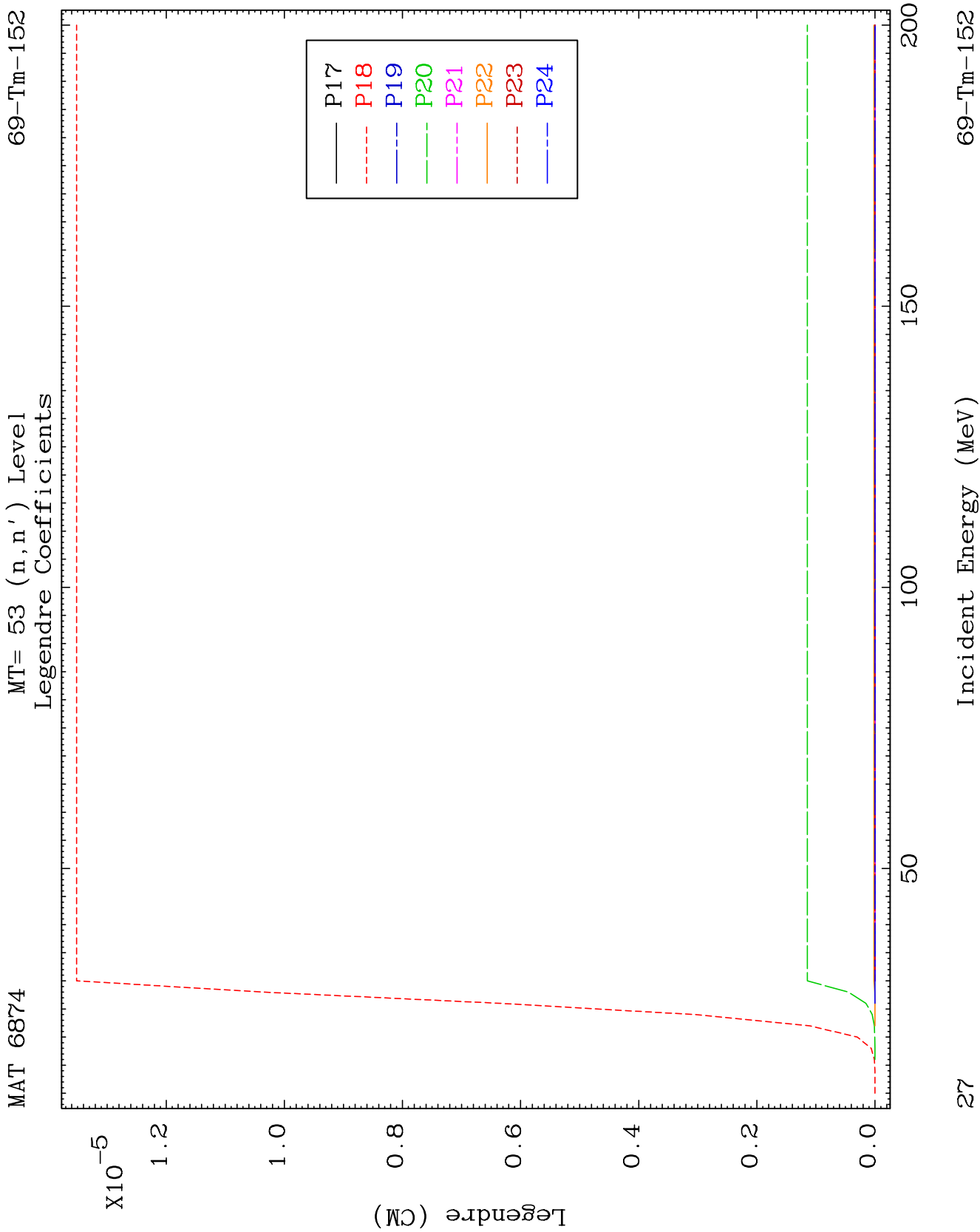
Incident Energy (MeV)

69-Tm-152





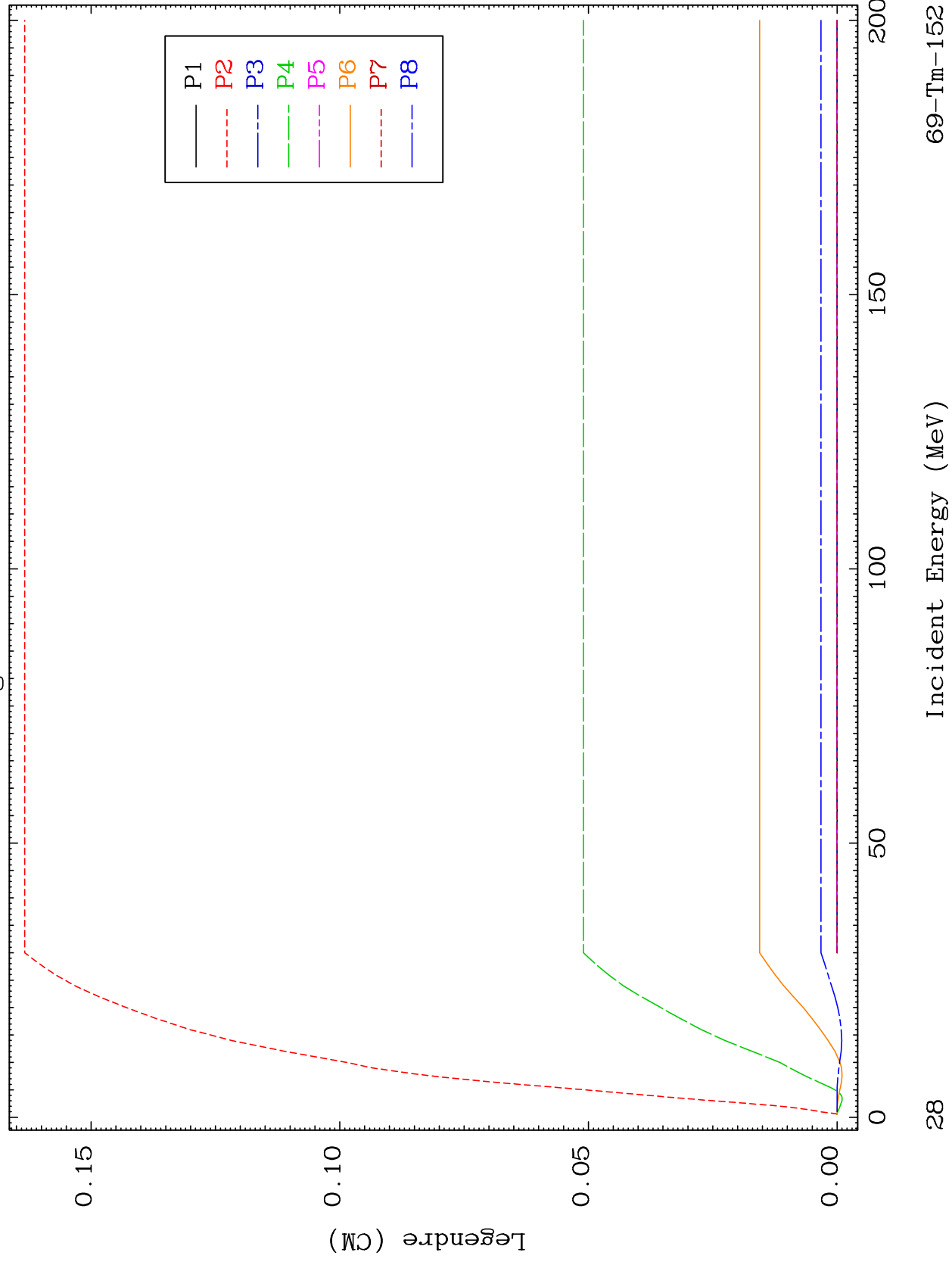


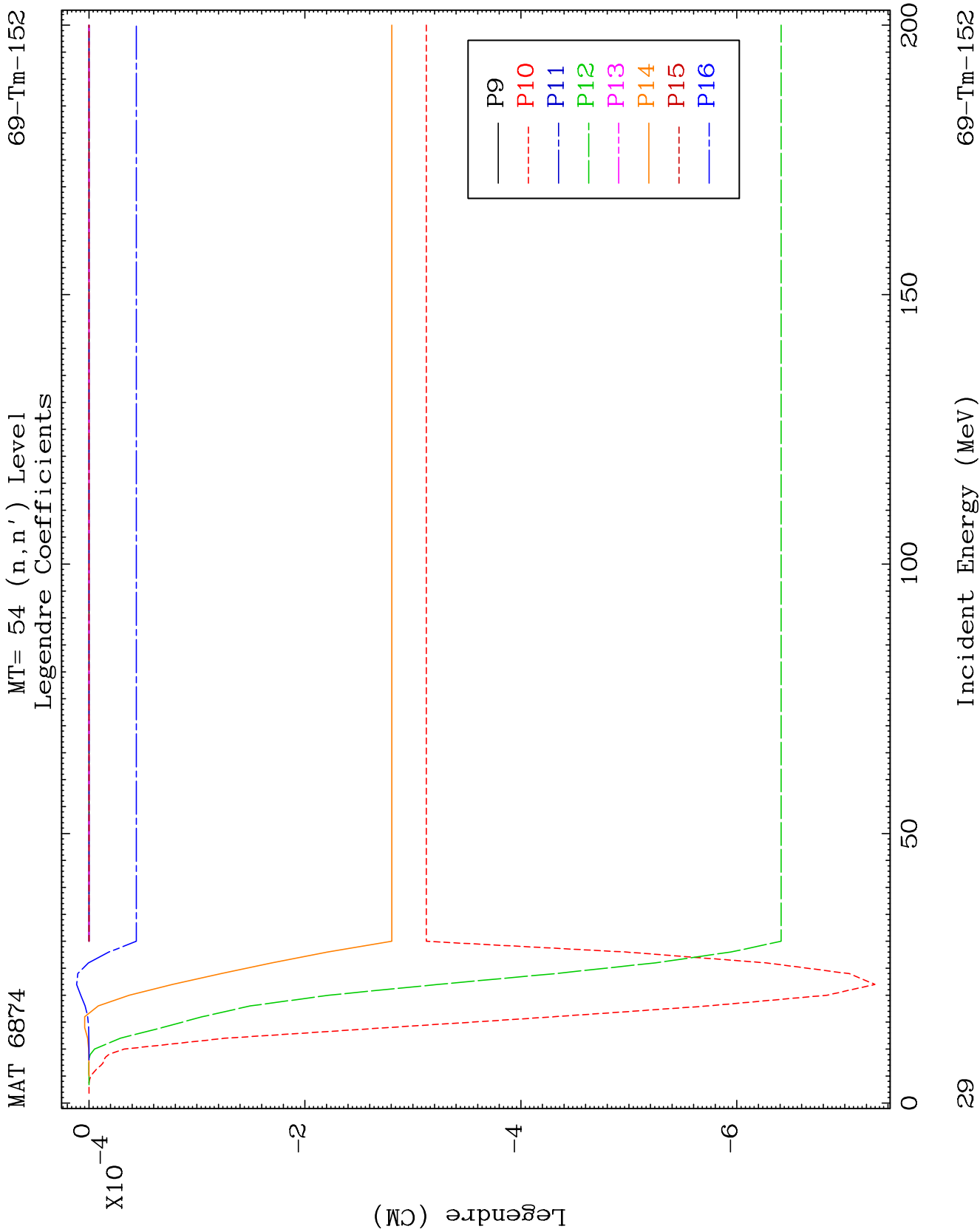


MAT 6874

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

69-Tm-152

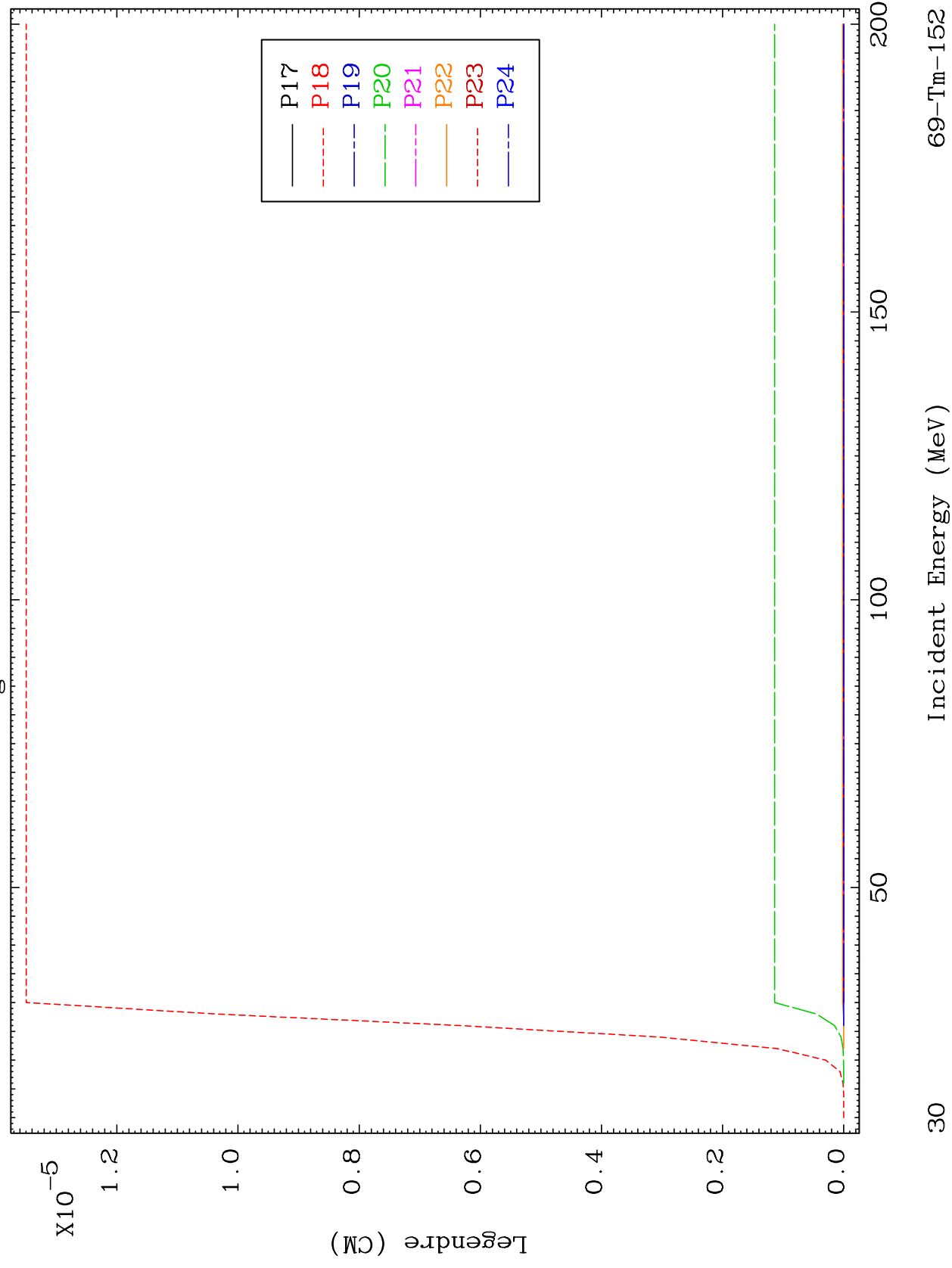


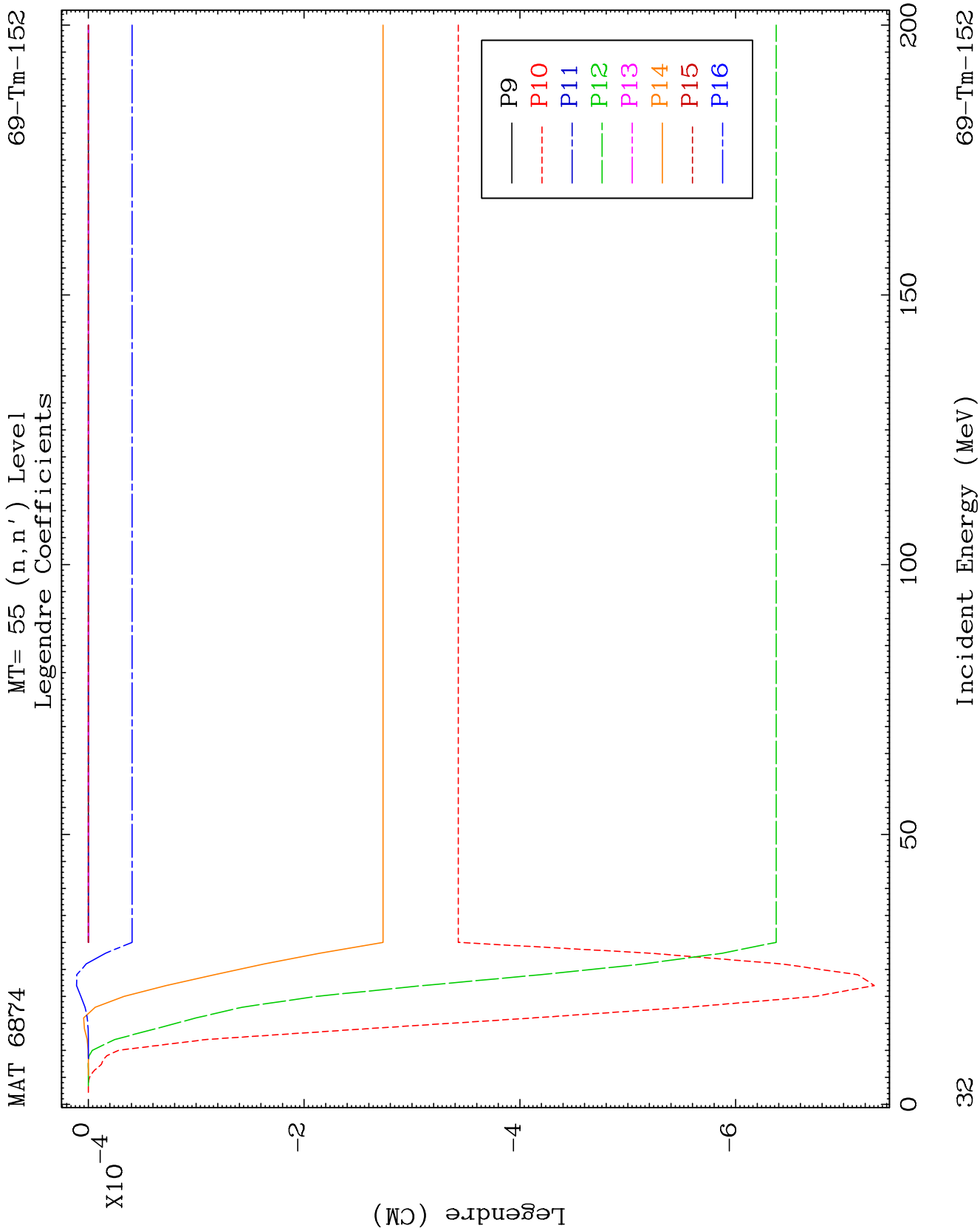


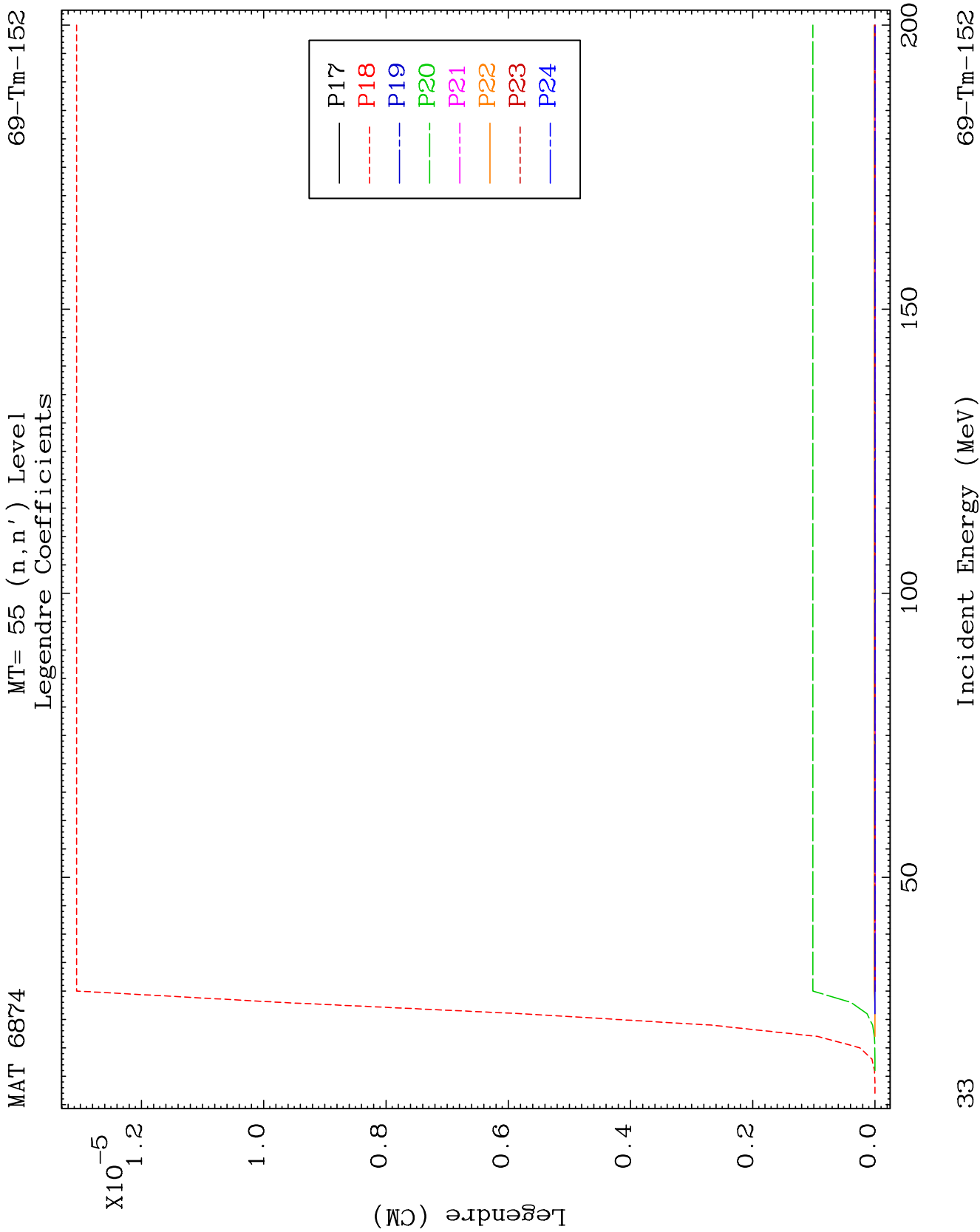
MAT 6874

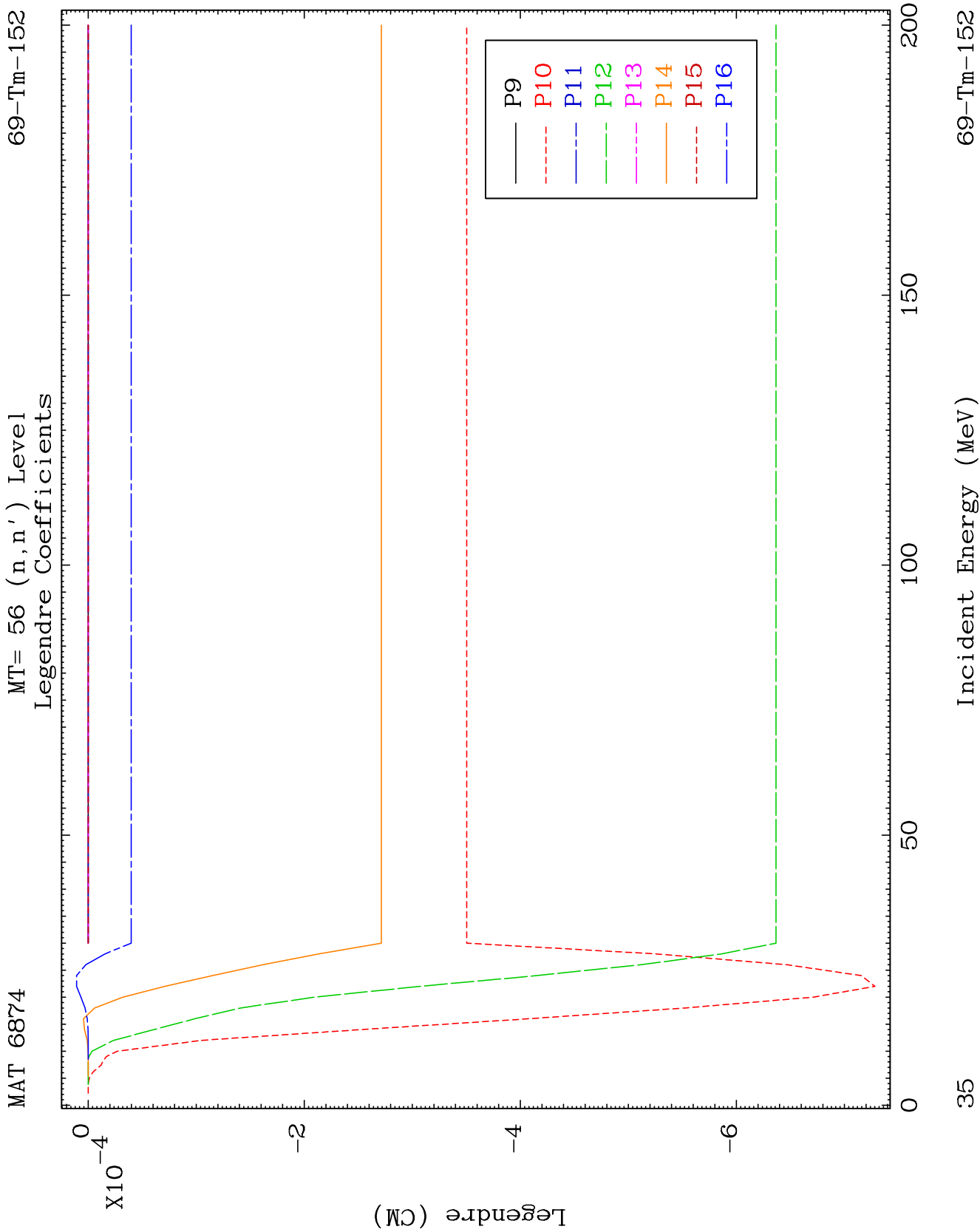
MT= 54 (n, n') Level
Legendre Coefficients

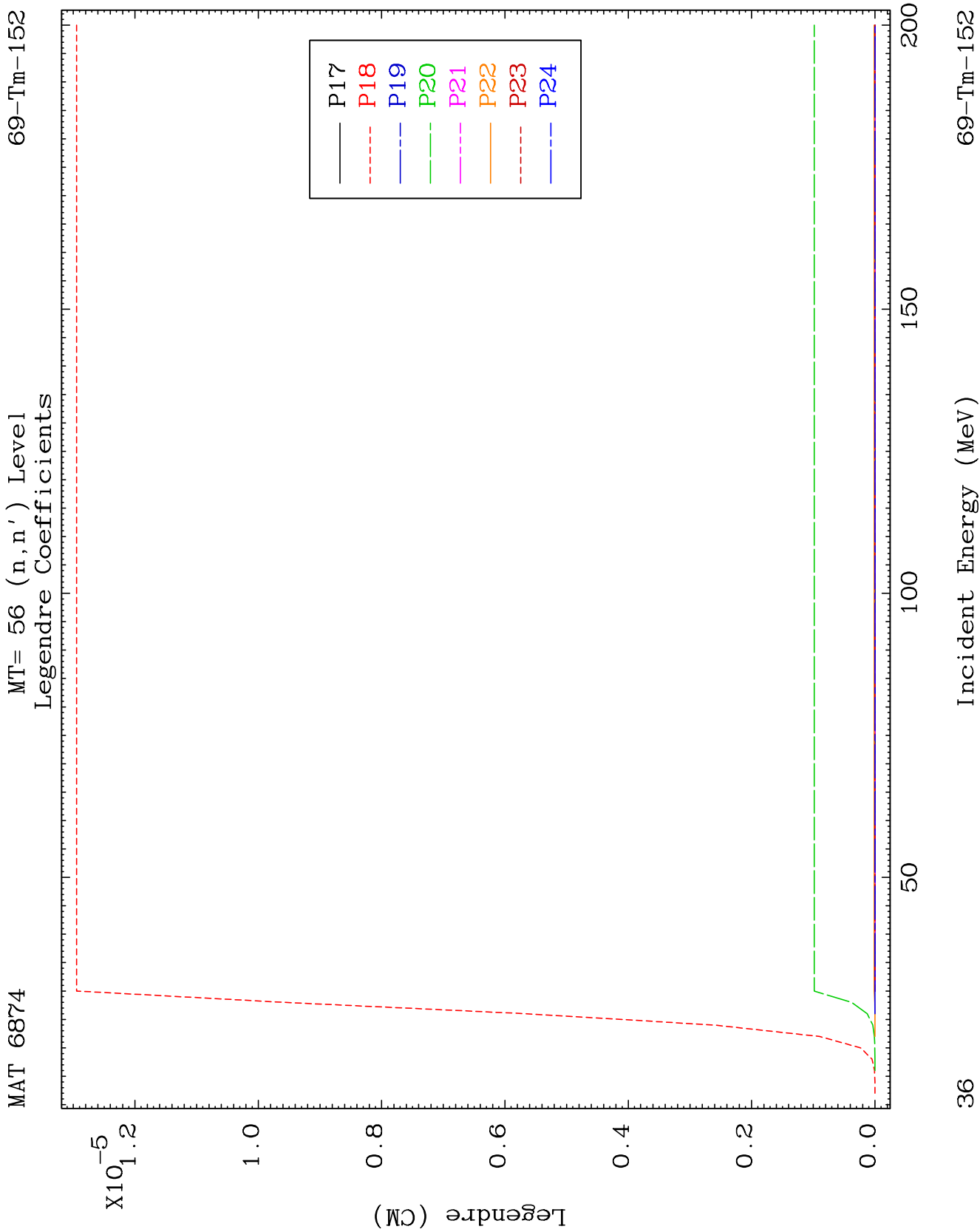
69-Tm-152









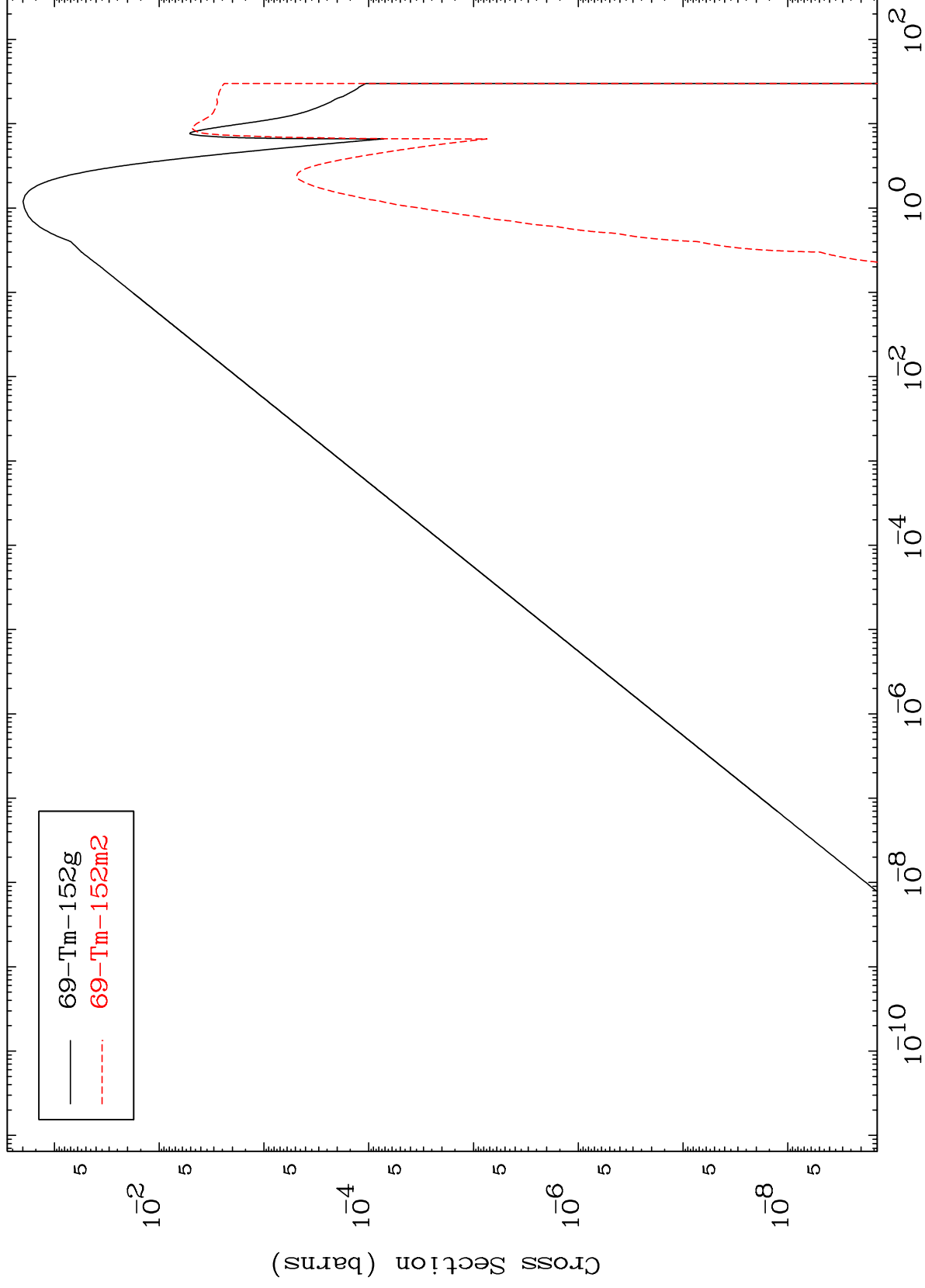


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Inelastic

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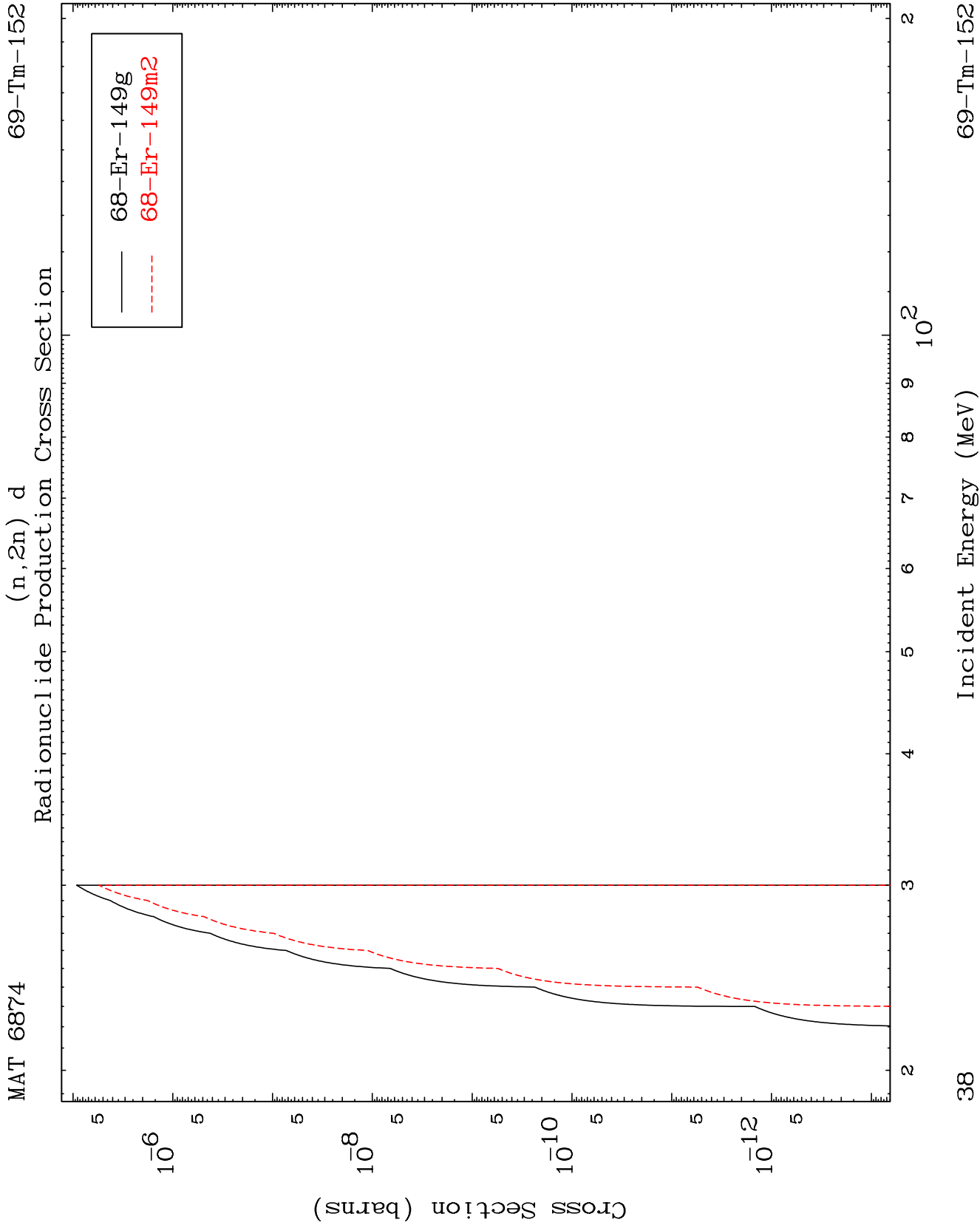
Radionuclide Production Cross Section



37

Incident Energy (MeV)

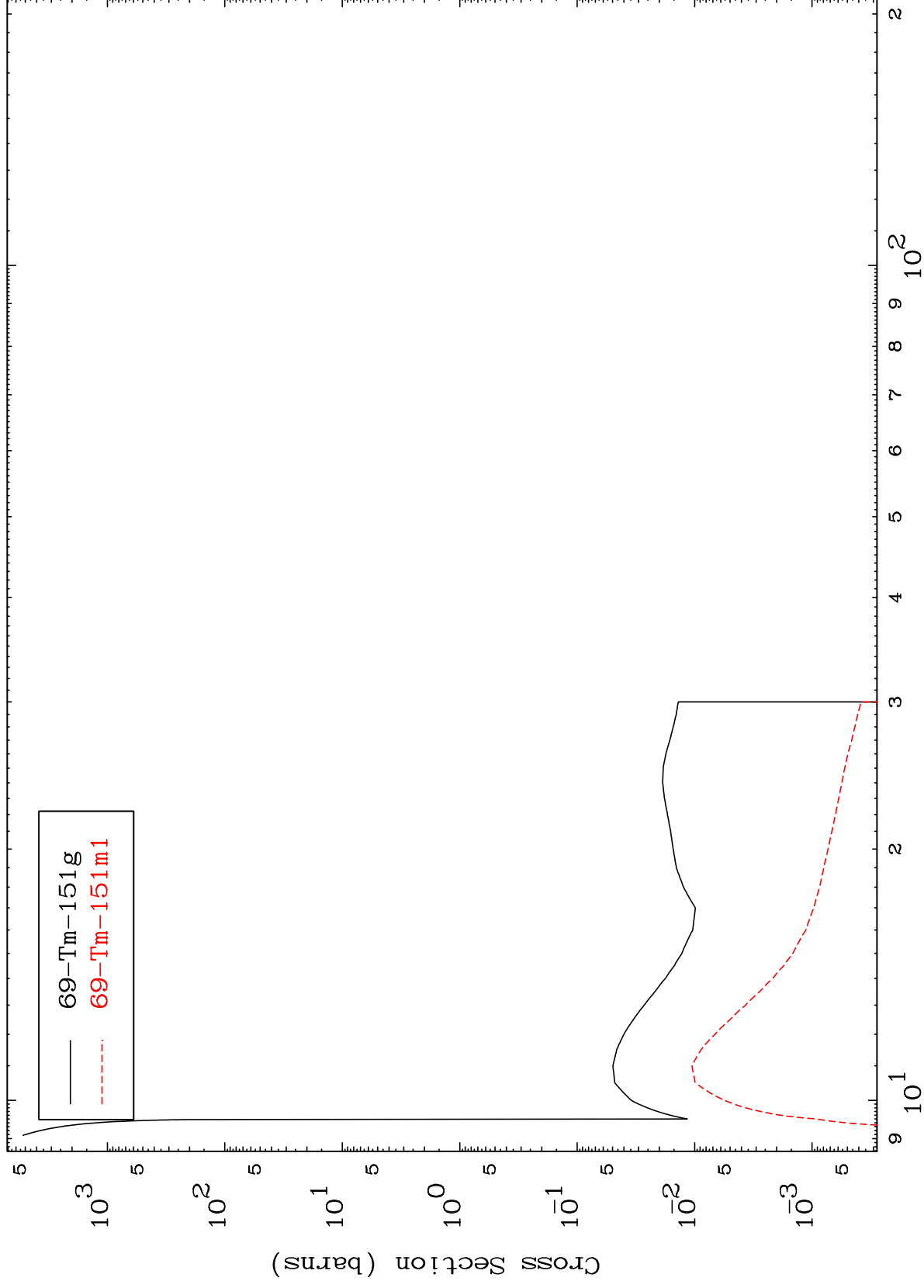
69-Tm-152



MAT 6874

69-Tm-152

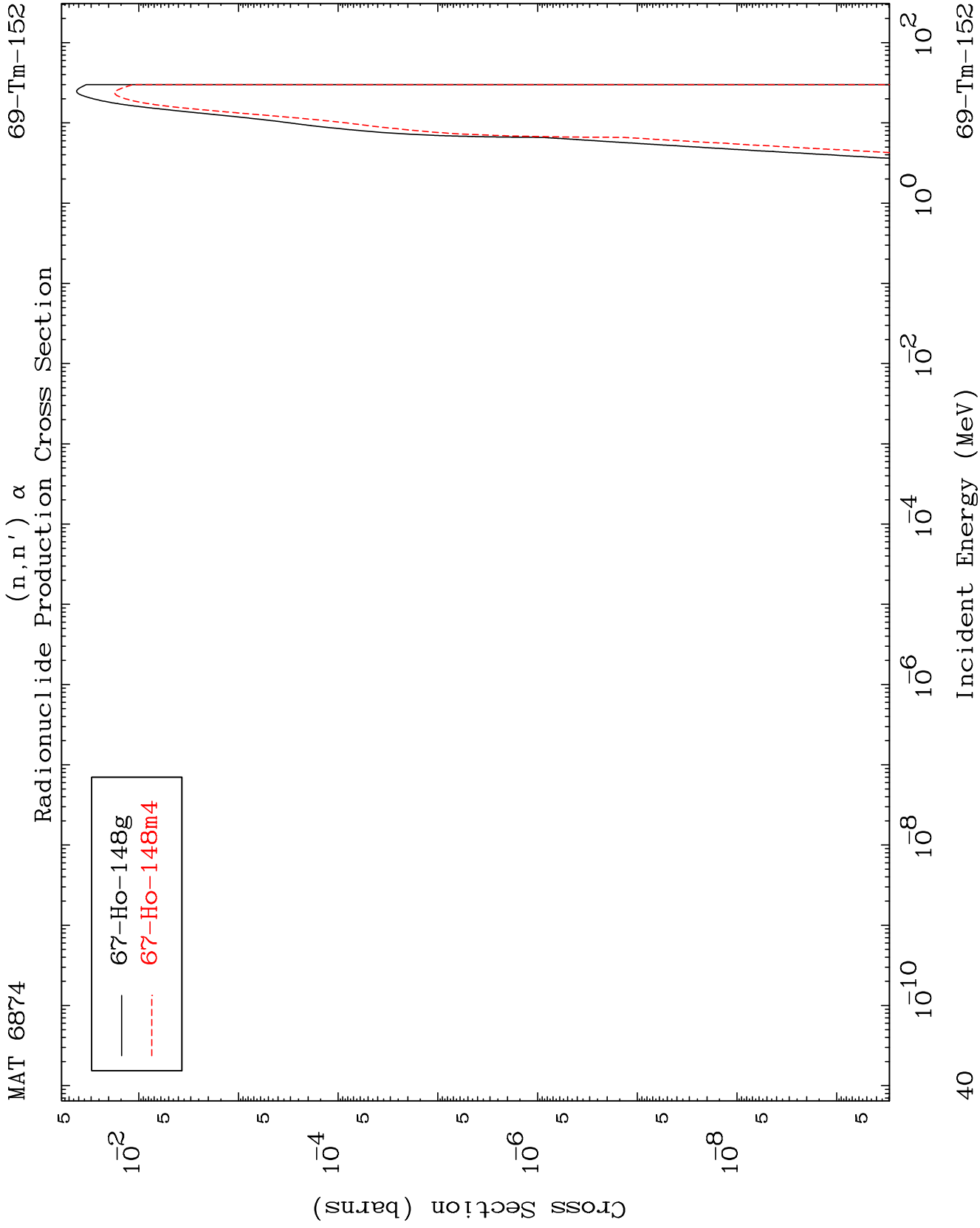
Radionuclide Production Cross Section
(n,2n)



69-Tm-152

Incident Energy (MeV)

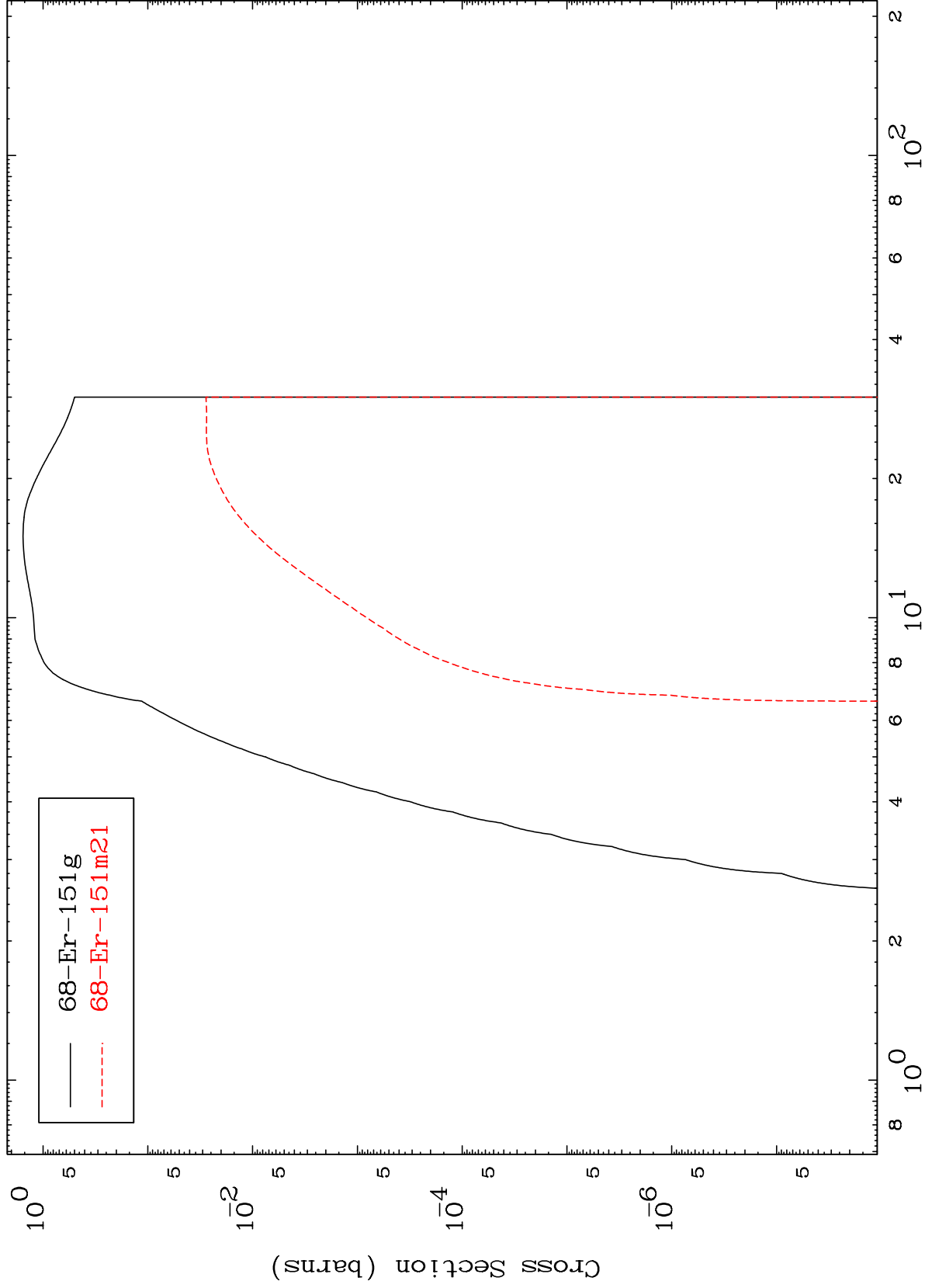
39



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69-Tm-152

(n,n') p
Radionuclide Production Cross Section



41

Incident Energy (MeV)

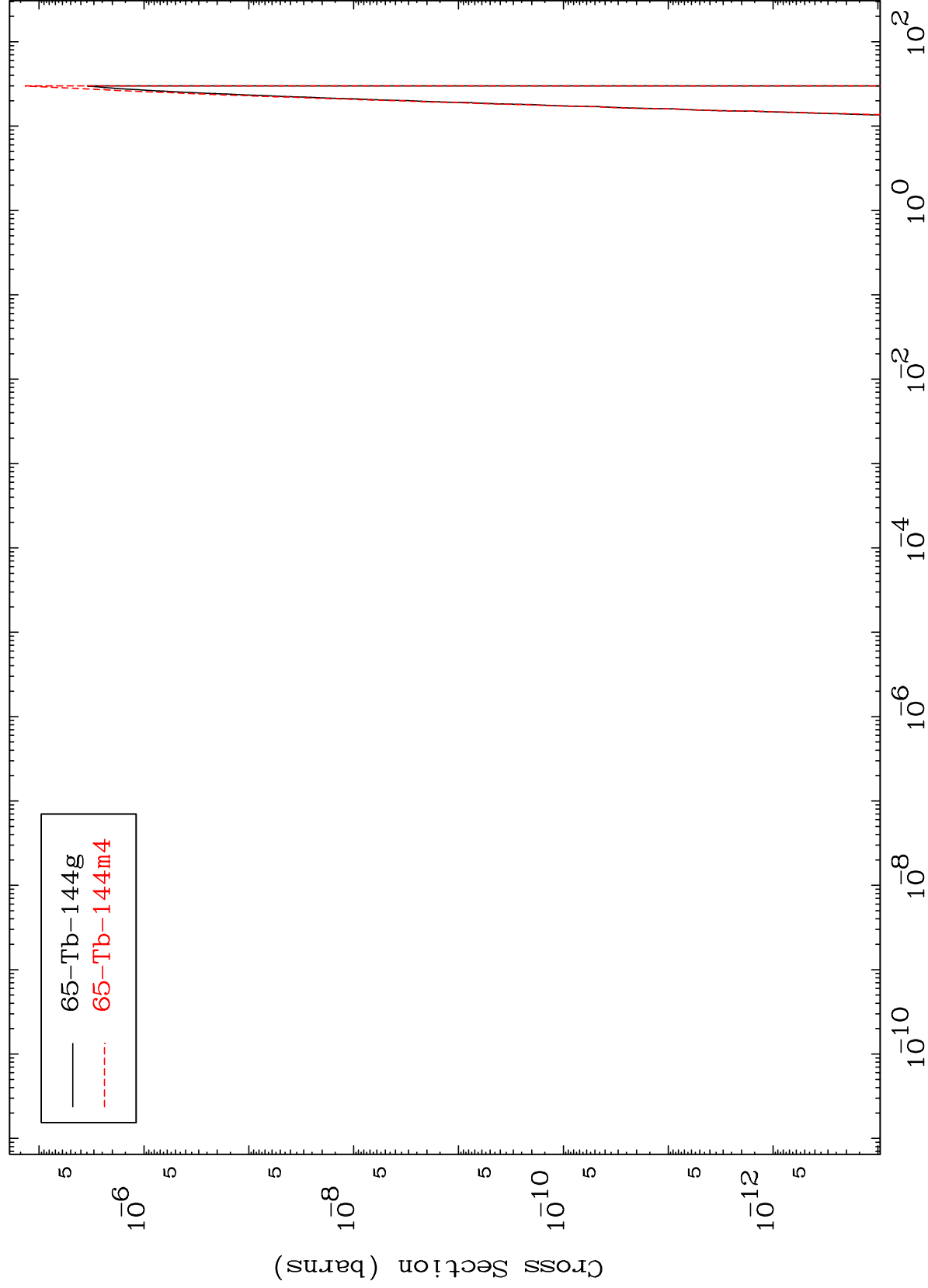
69-Tm-152

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(n,n') 2 α

69-Tm-152

Radionuclide Production Cross Section



42

Incident Energy (MeV)

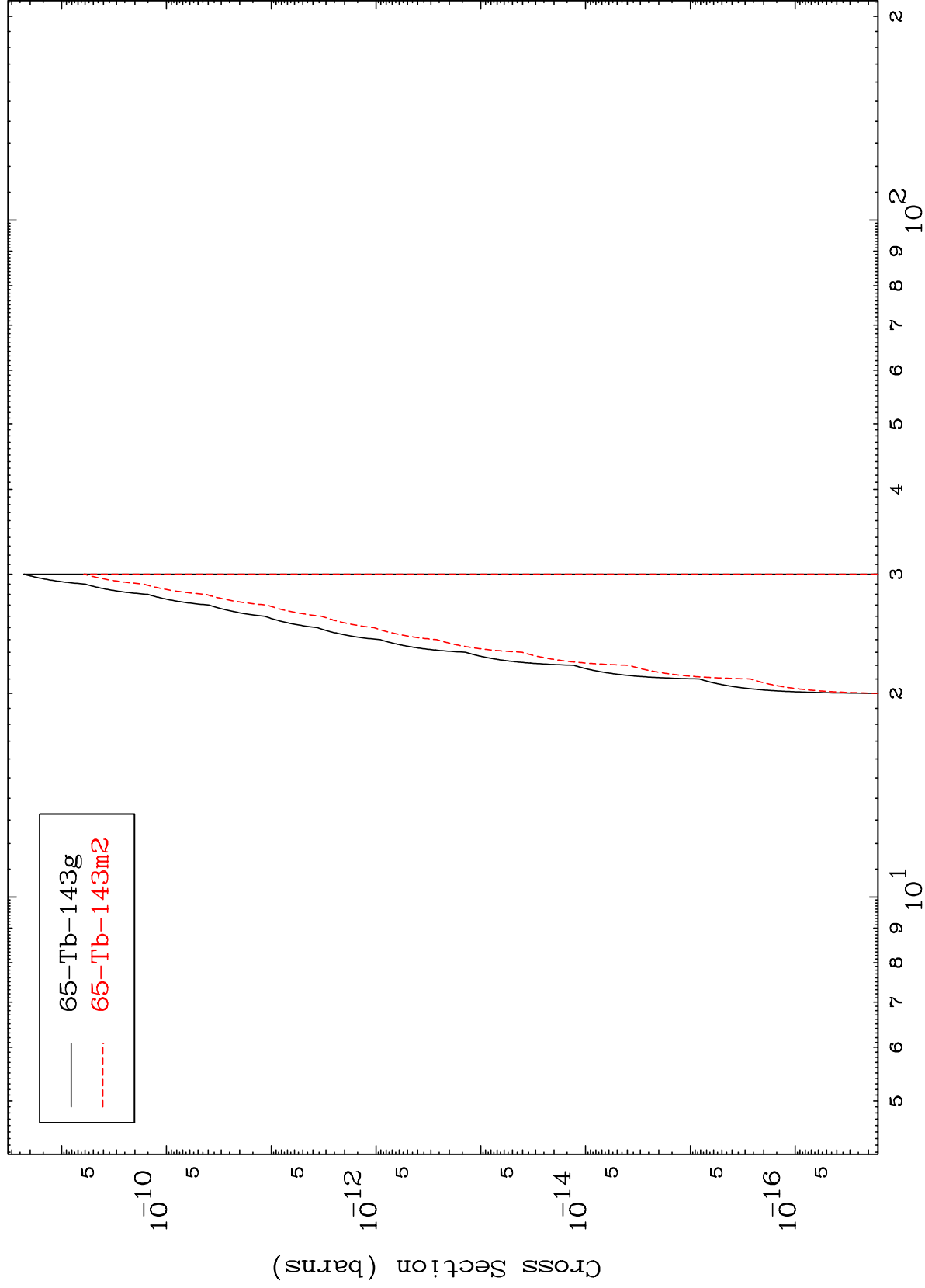
69-Tm-152

MAT 6874

(n,2n) 2α

69-Tm-152

Radionuclide Production Cross Section

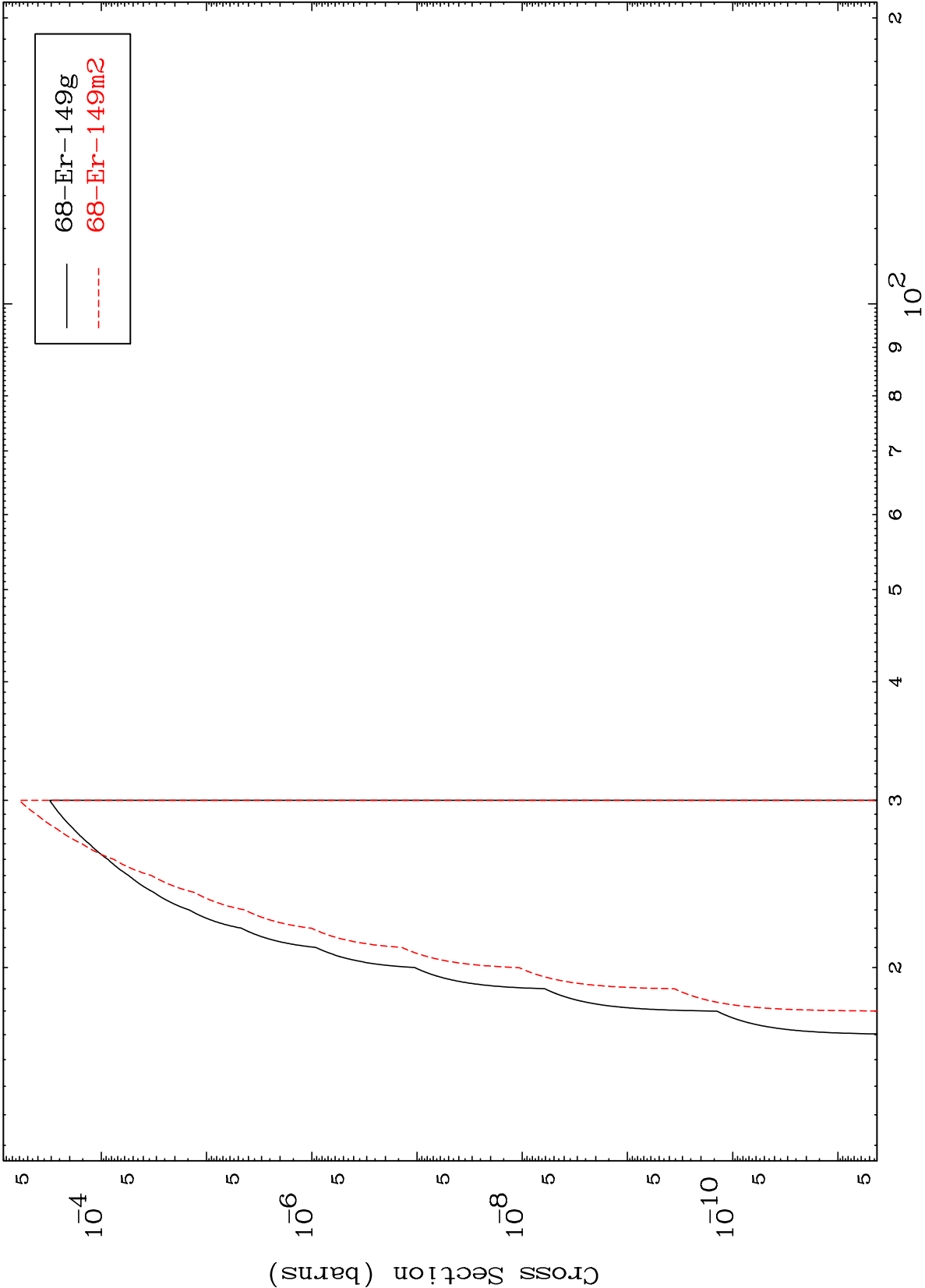


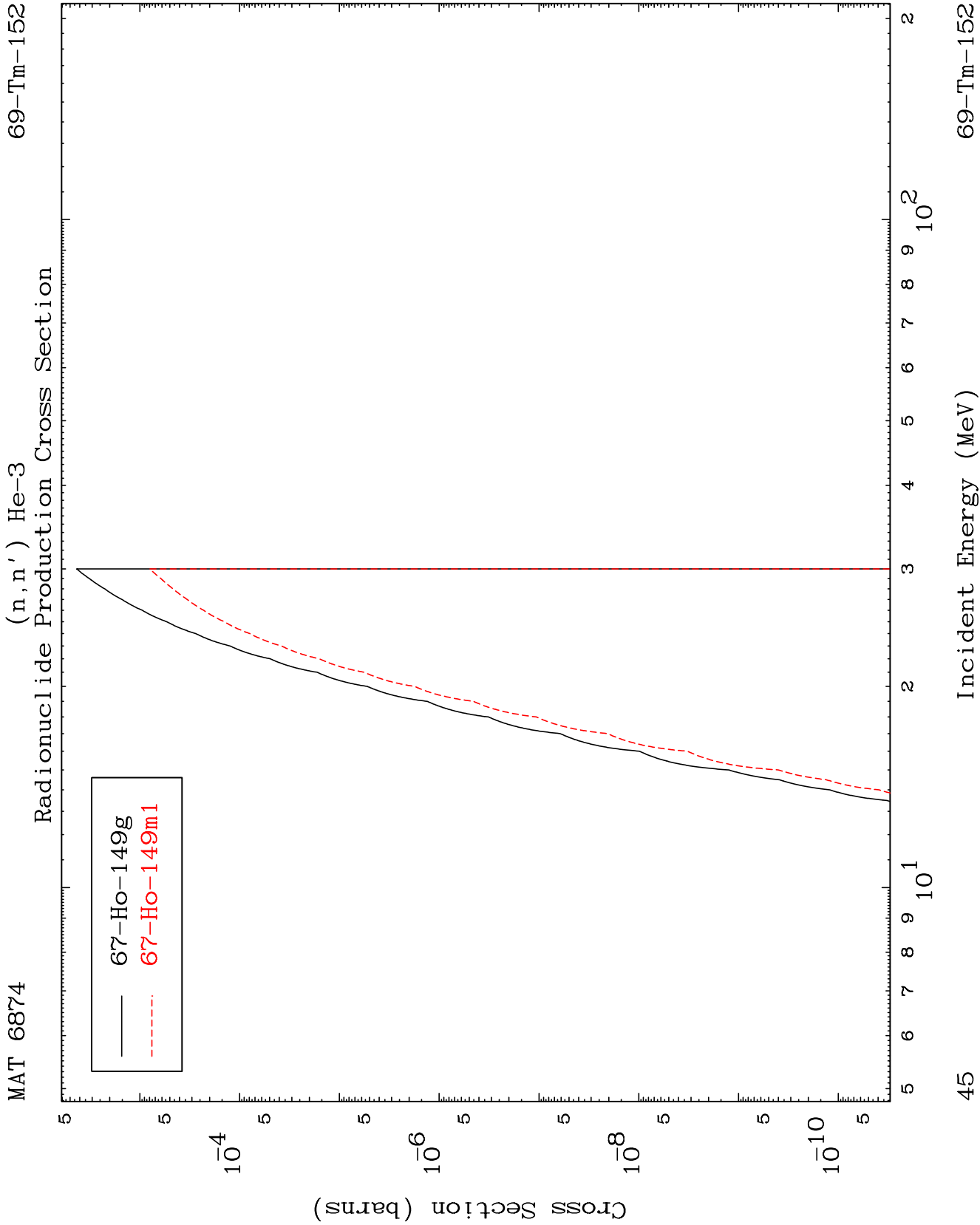
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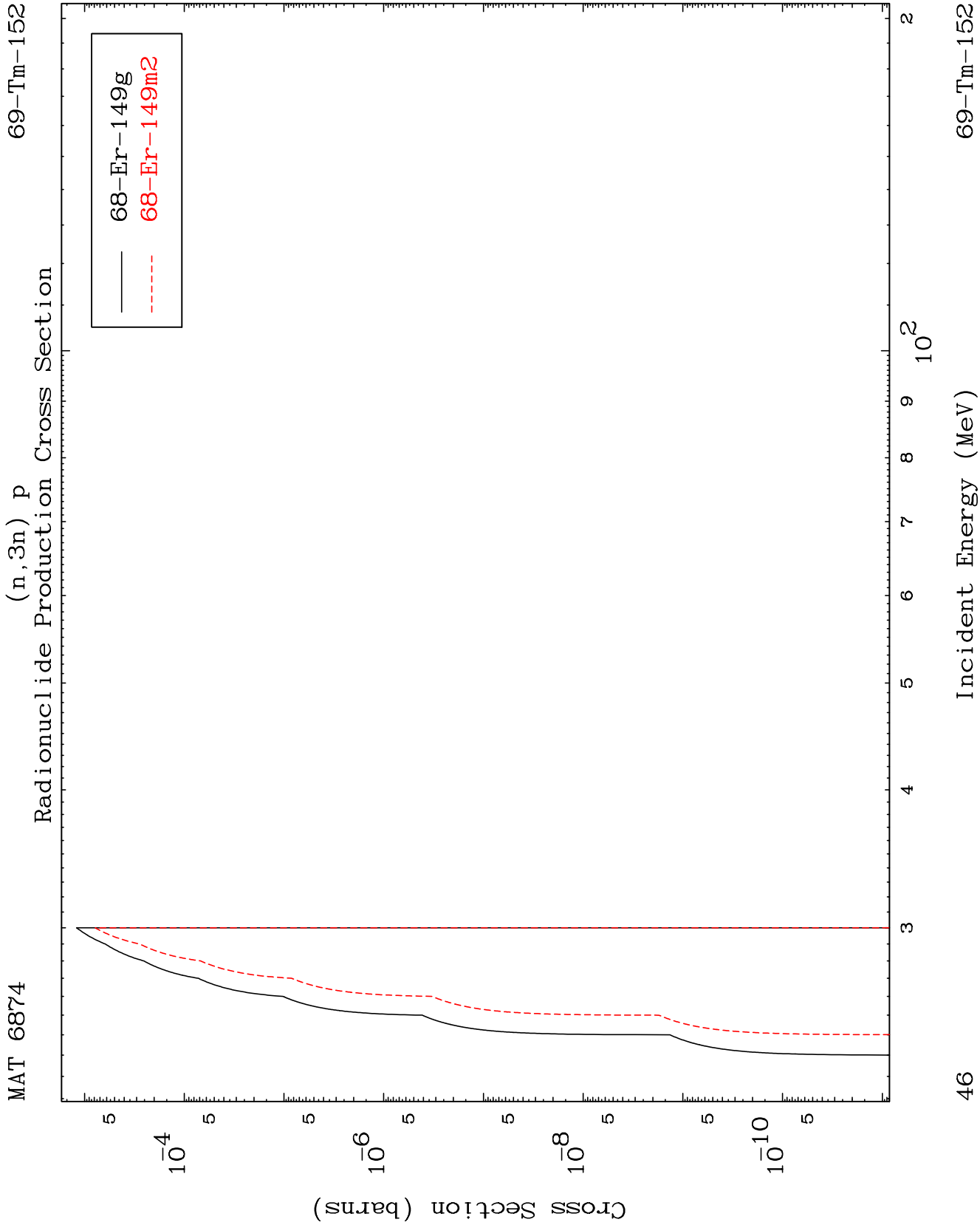
Incident Energy (MeV)

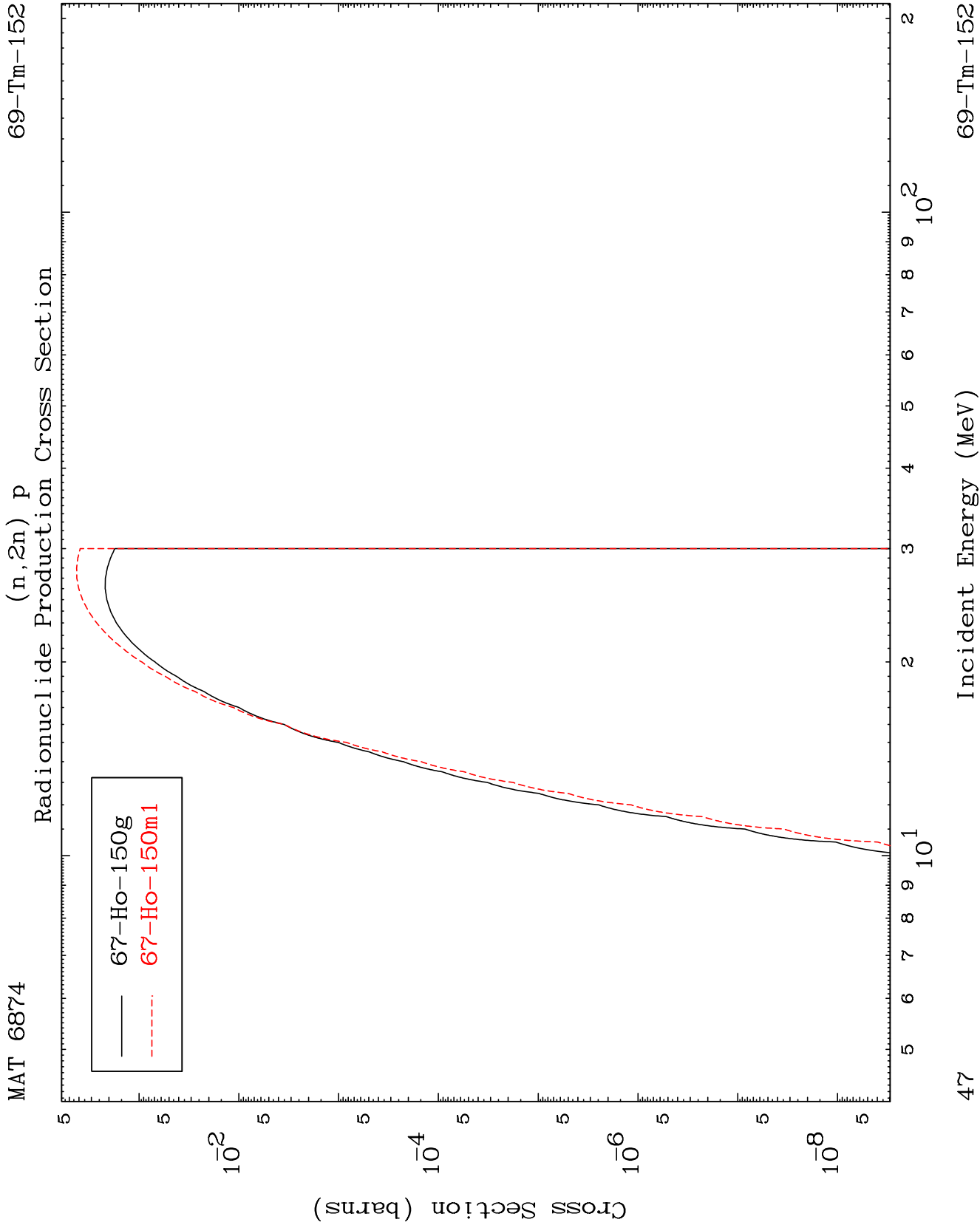
69-Tm-152

Radionuclide Production Cross Section







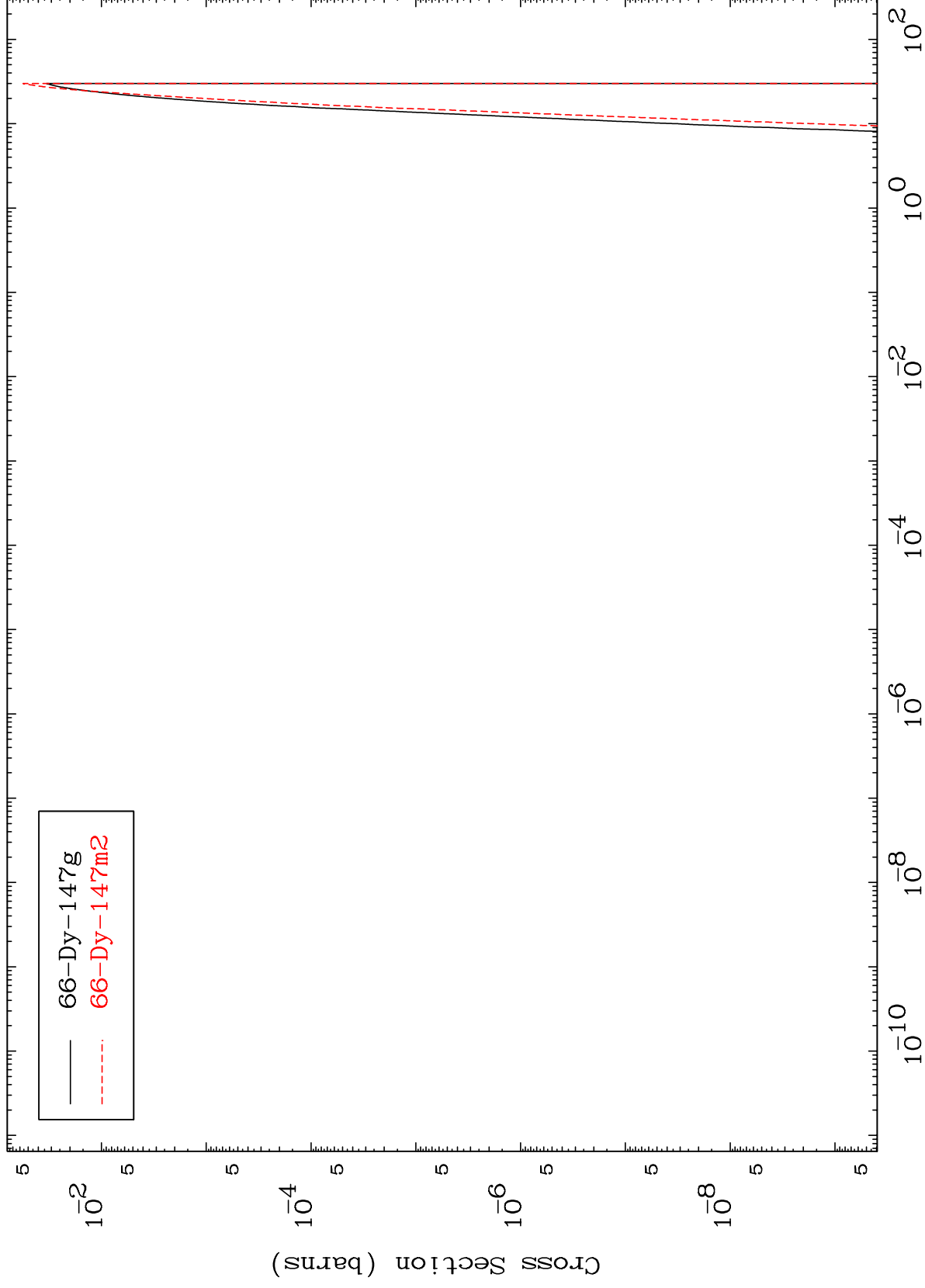


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(n,n') p α

69-Tm-152

Radionuclide Production Cross Section



48

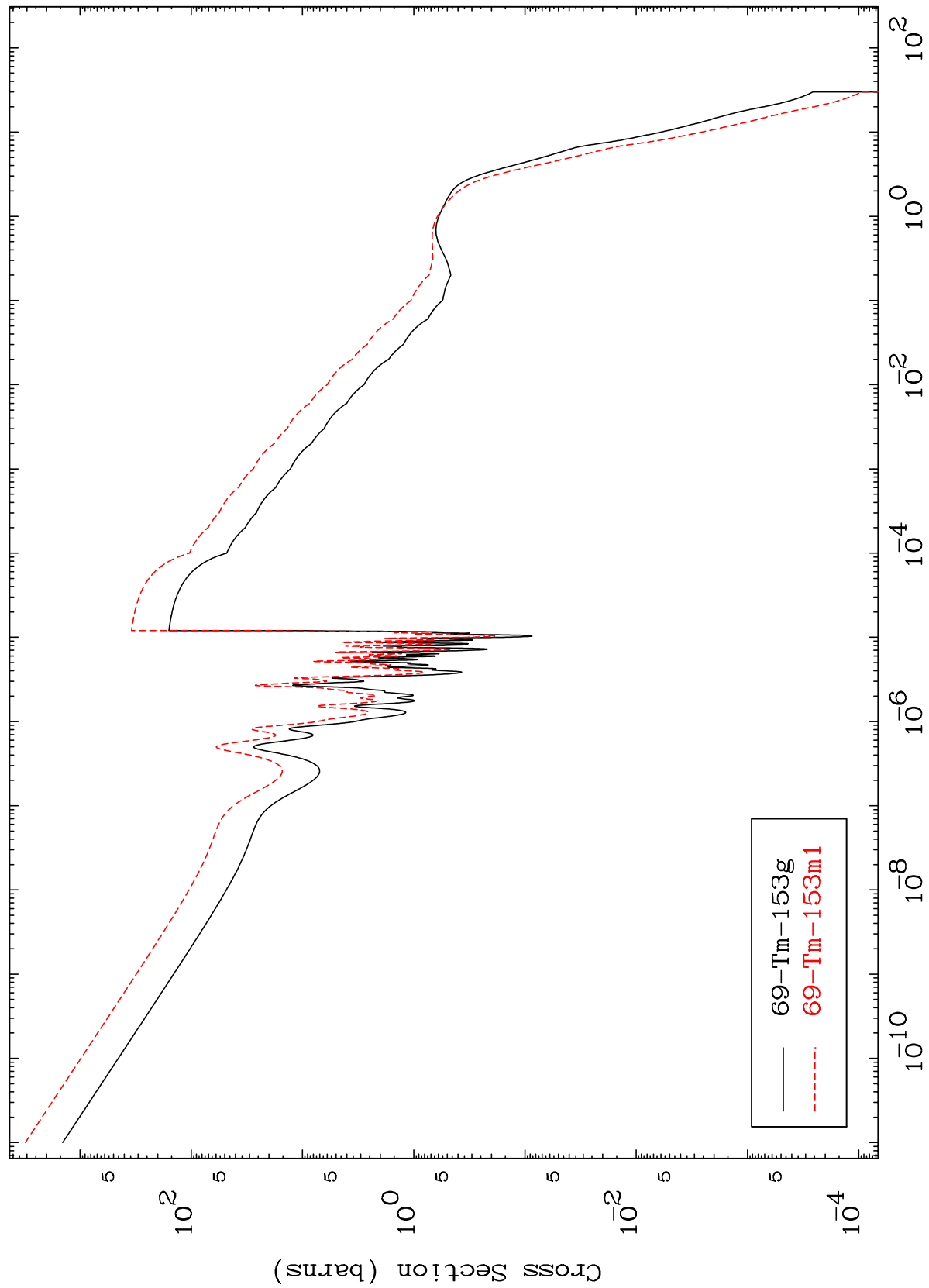
Incident Energy (MeV)

69-Tm-152

MAT 6874

69-Tm-152

Radionuclide Production Cross Section
(n, γ)

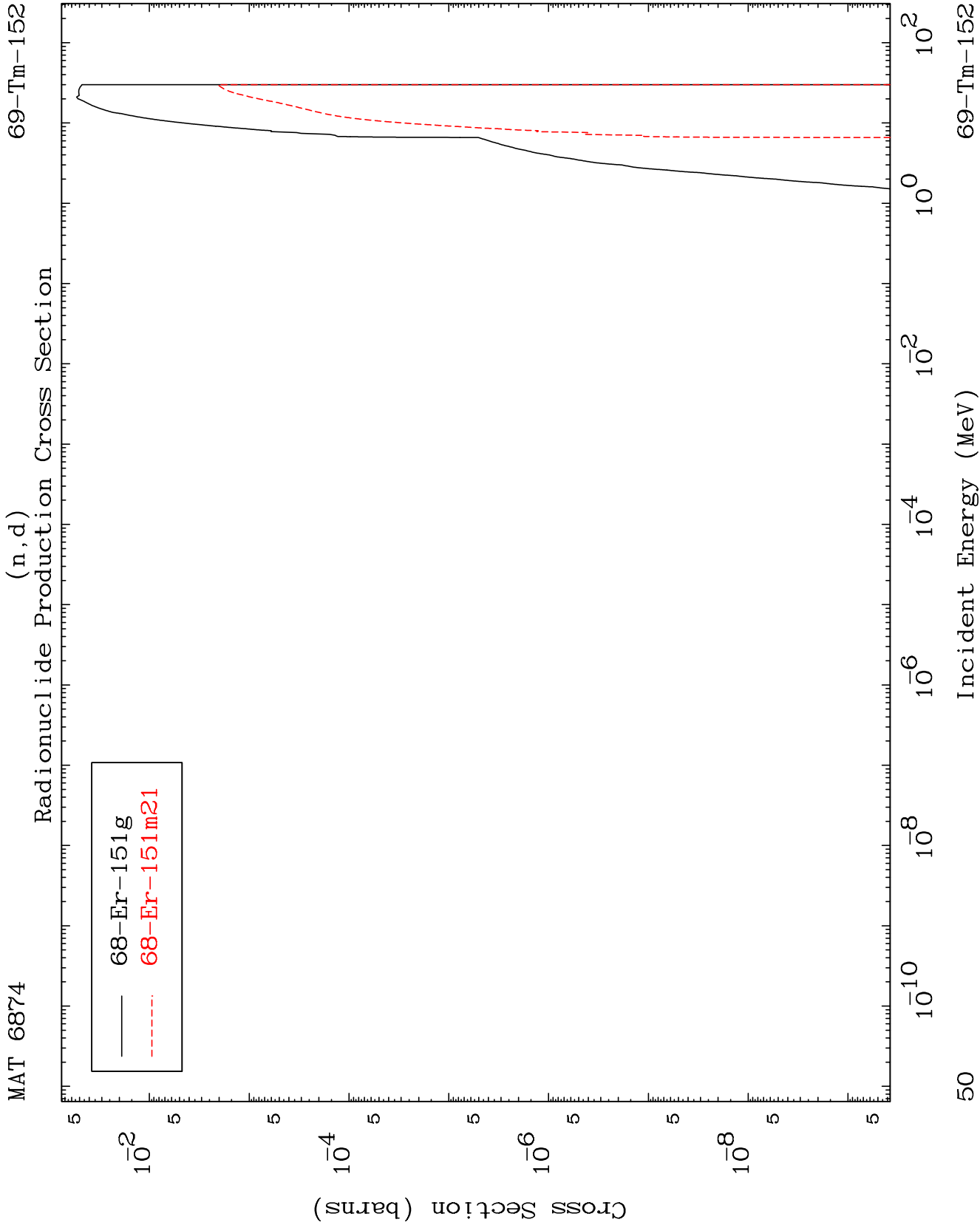


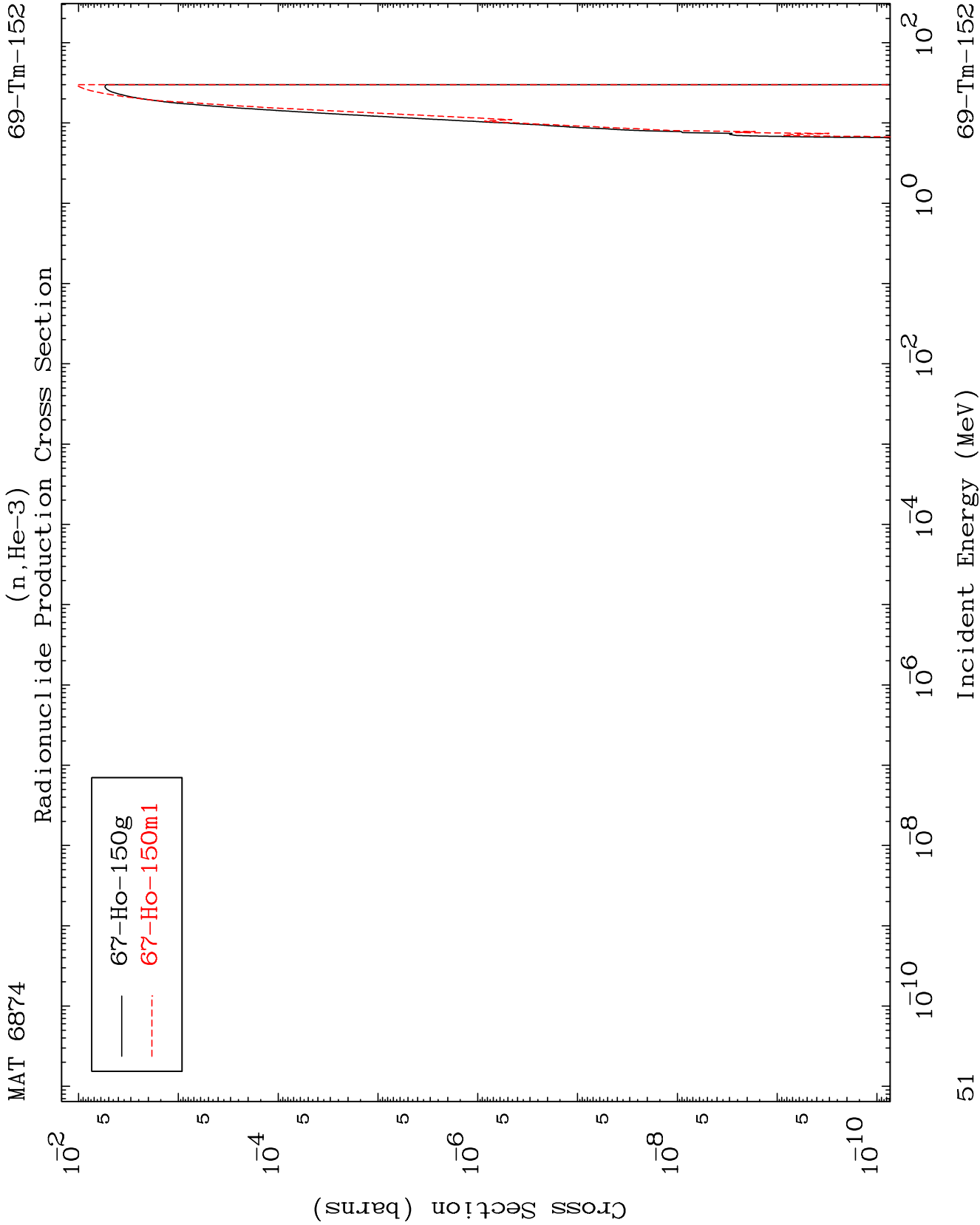
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- - - 69-Tm-153m1

49

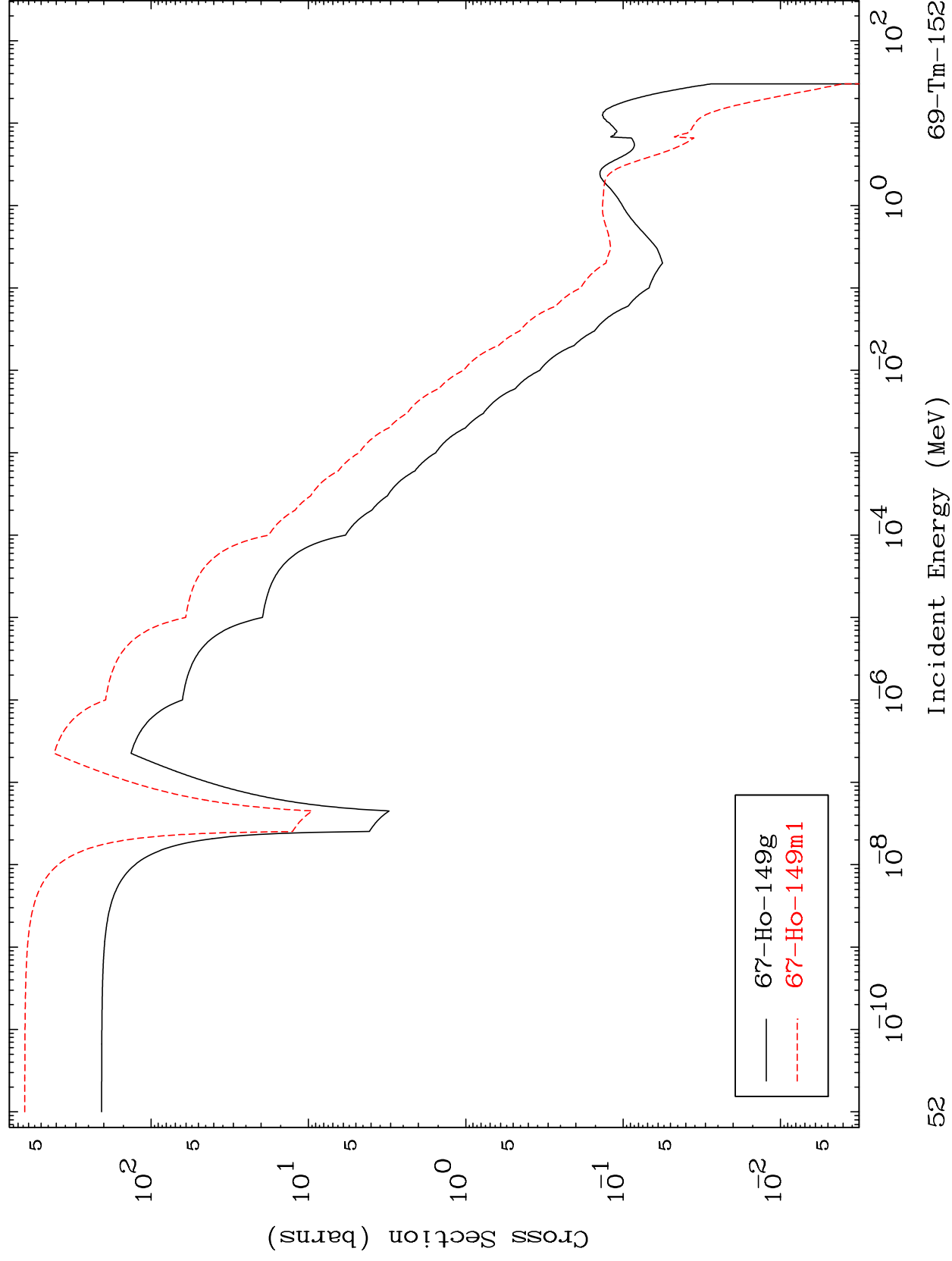
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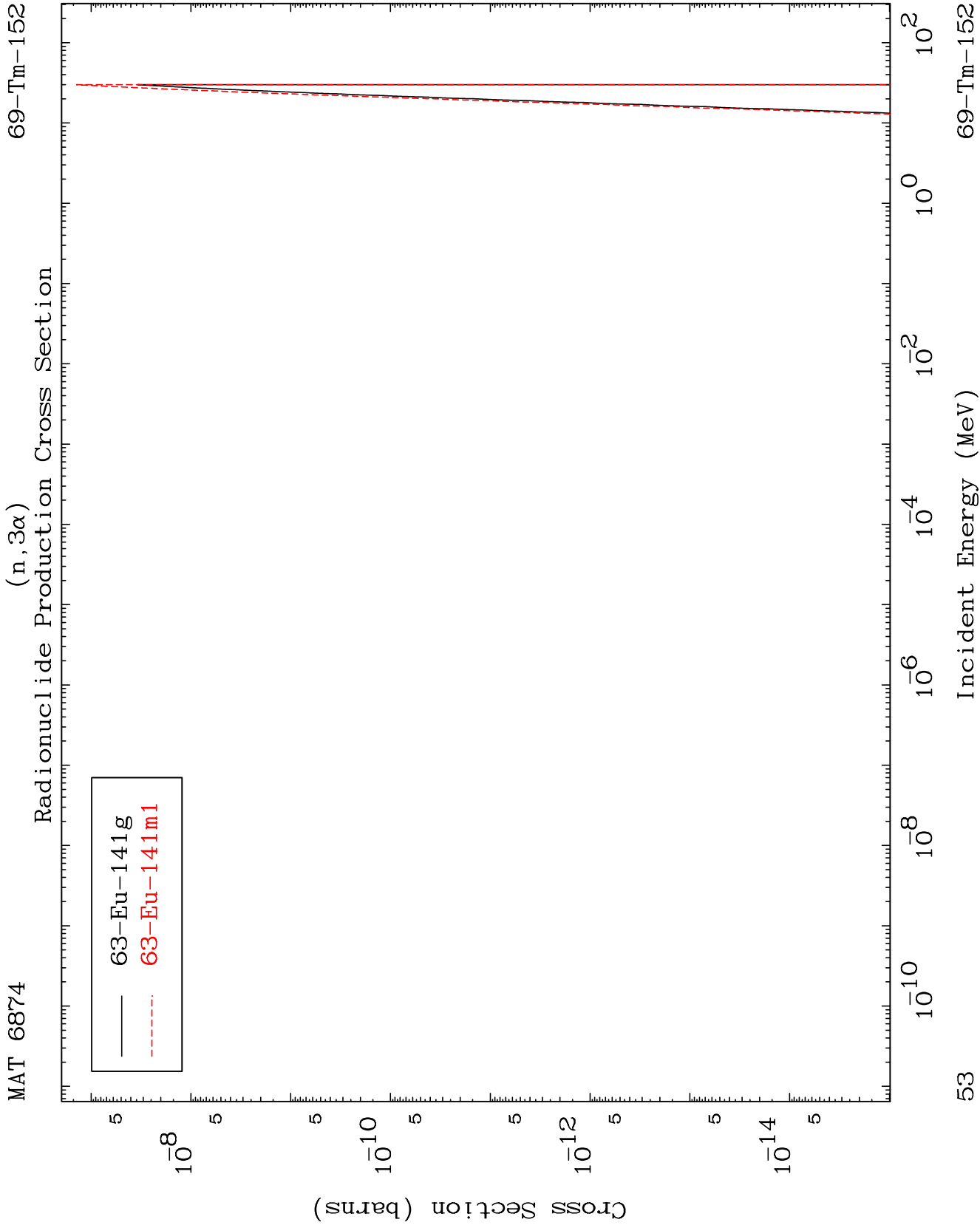
Incident Energy (MeV)

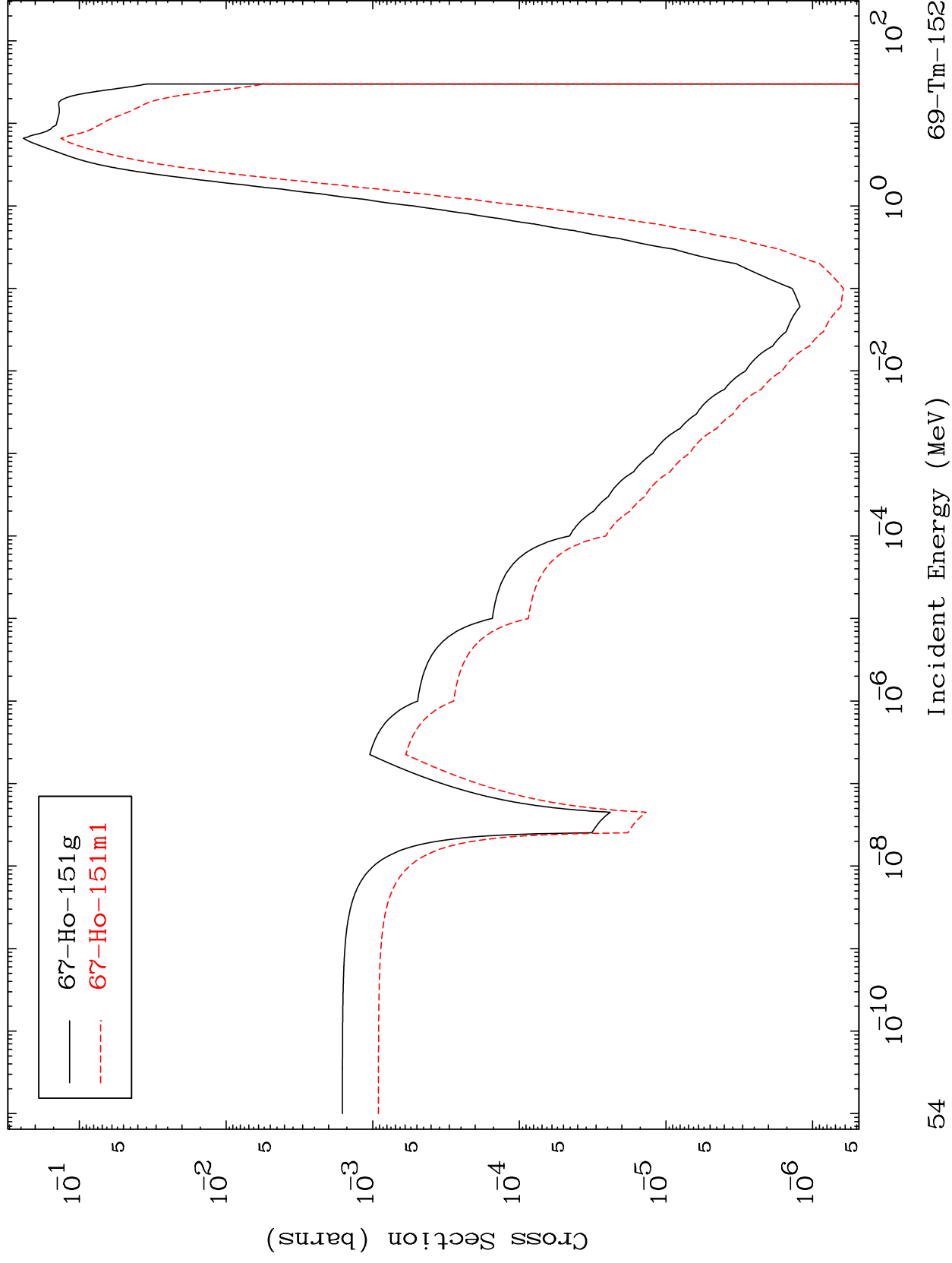


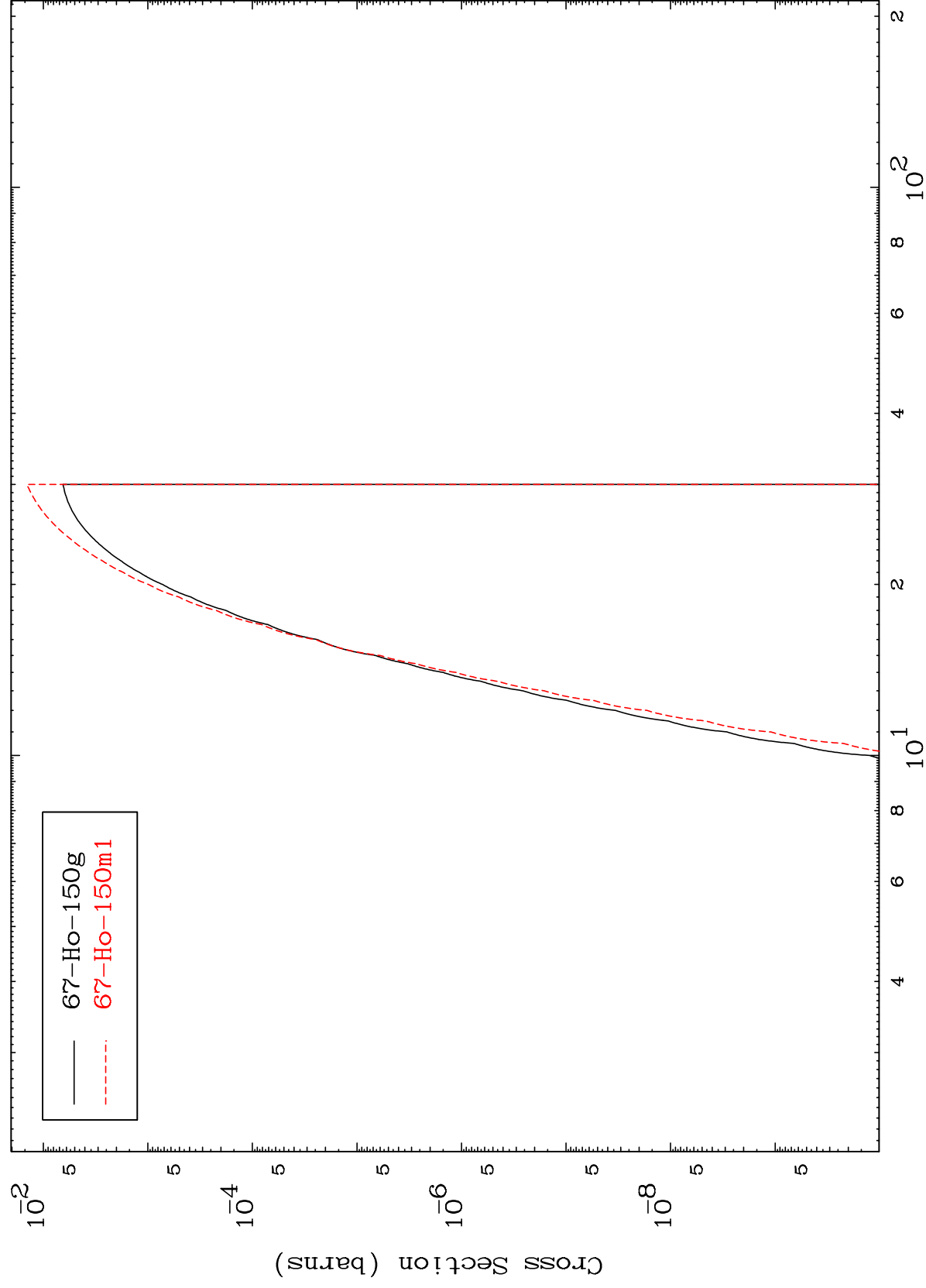


Radionuclide Production Cross Section

 (n, α) 



(n,2p)
Radionuclide Production Cross Section

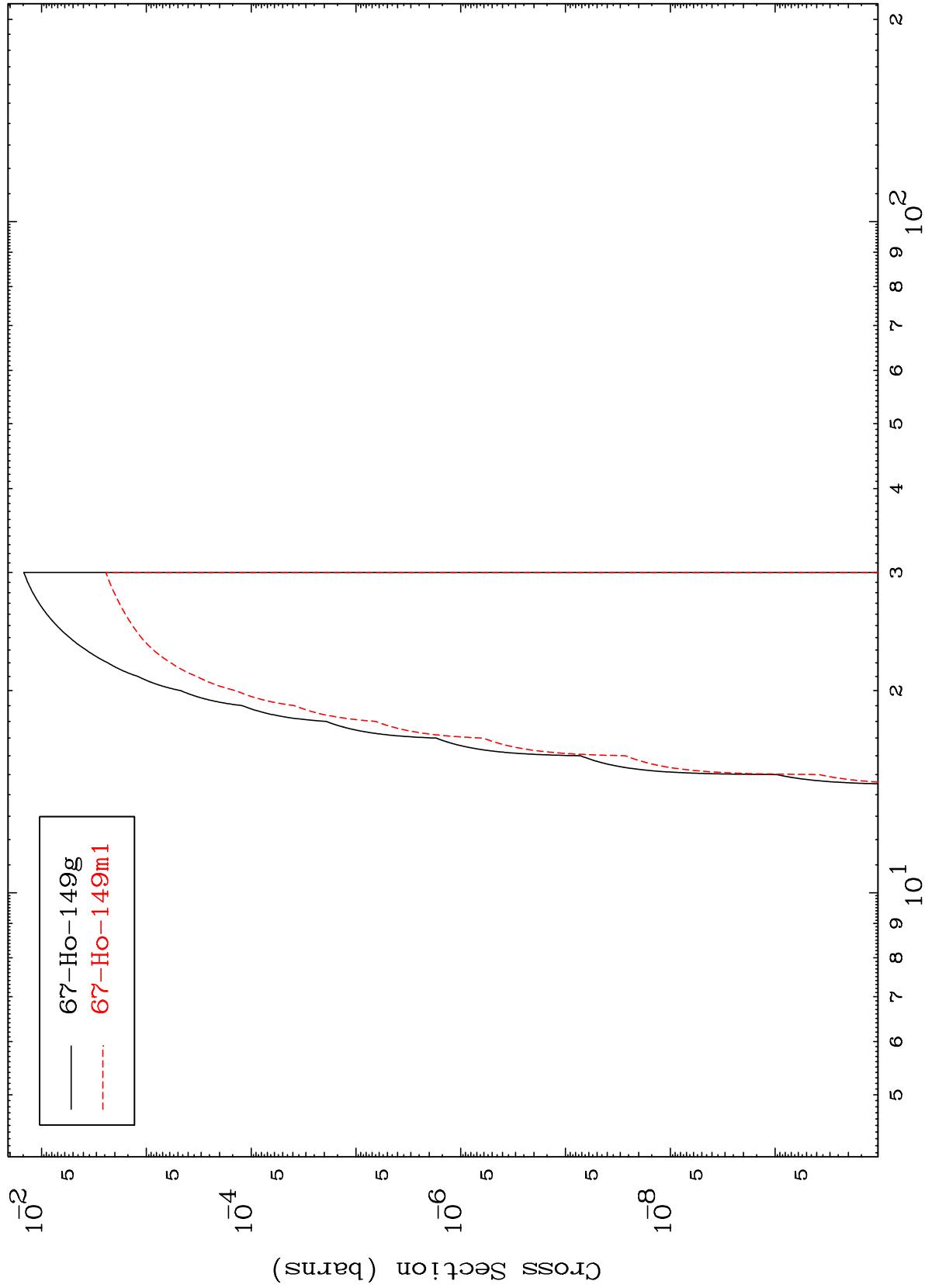
(n,p) d
Radionuclide Production Cross Section

MAT 6874

(n,p) t

69-Tm-152

Radionuclide Production Cross Section



56

Incident Energy (MeV)

69-Tm-152

