

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

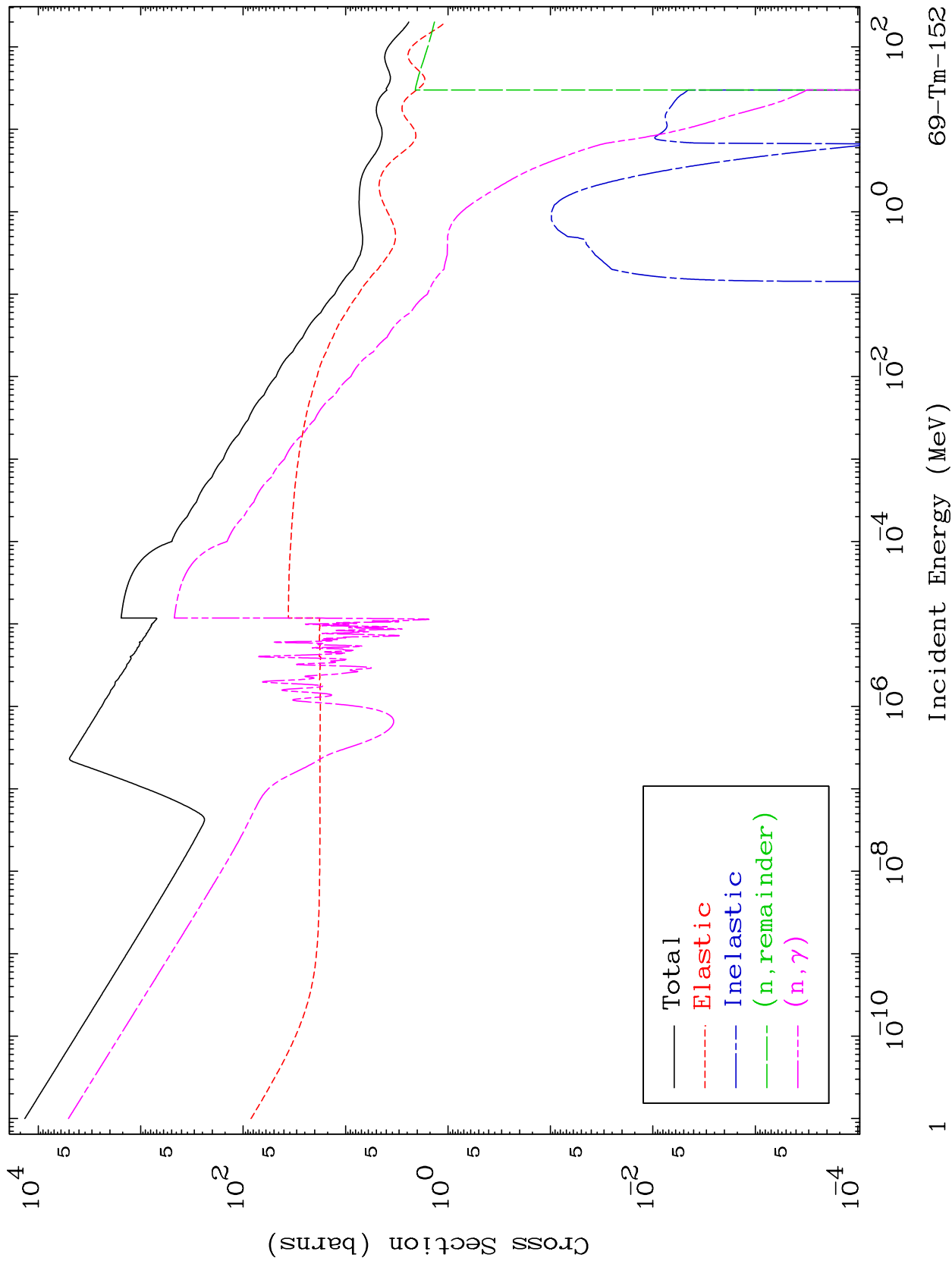
Press Mouse Button to Start

MAT 6874

Major

293 Kelvin Cross Sections

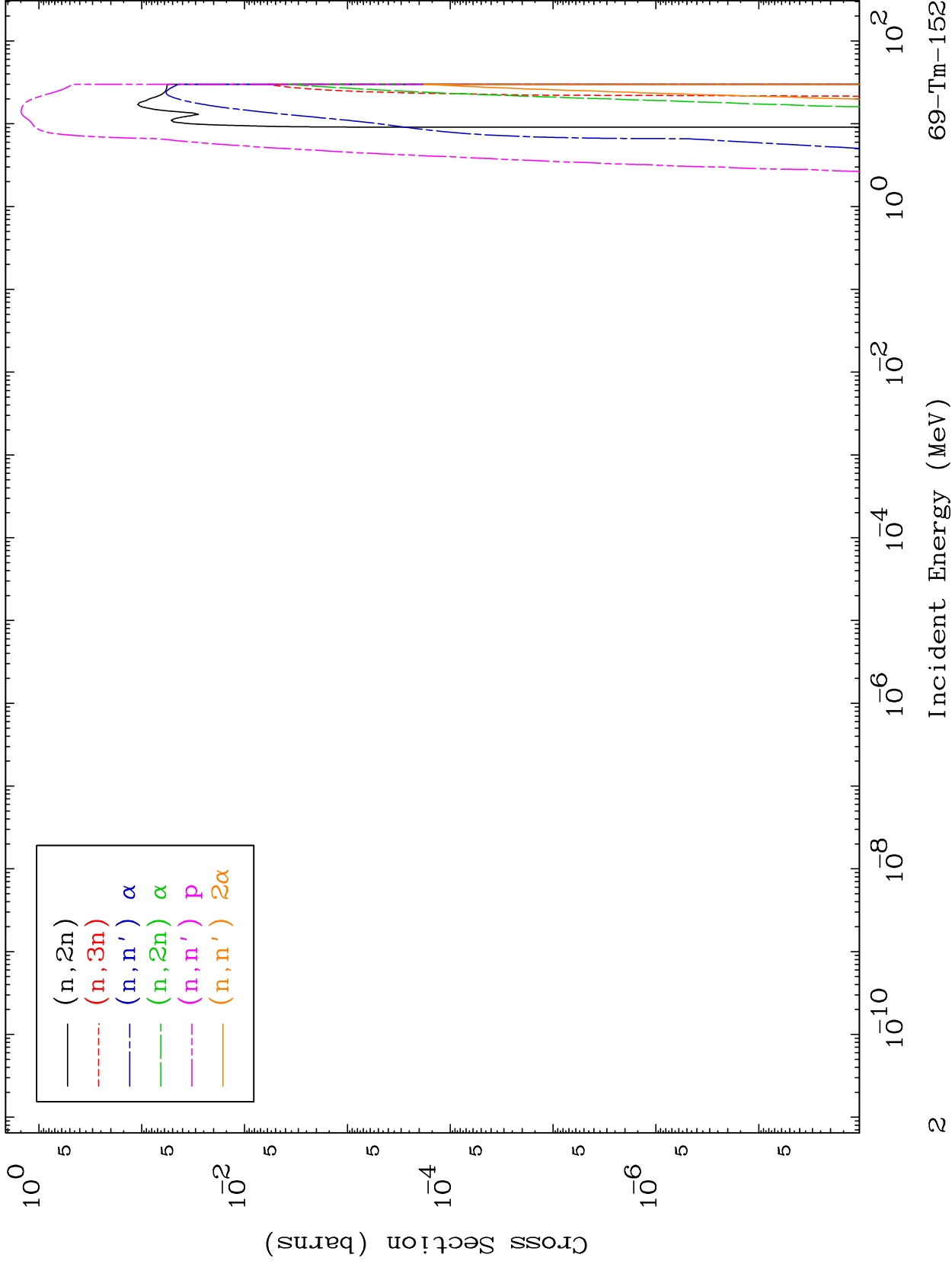
69-Tm-152

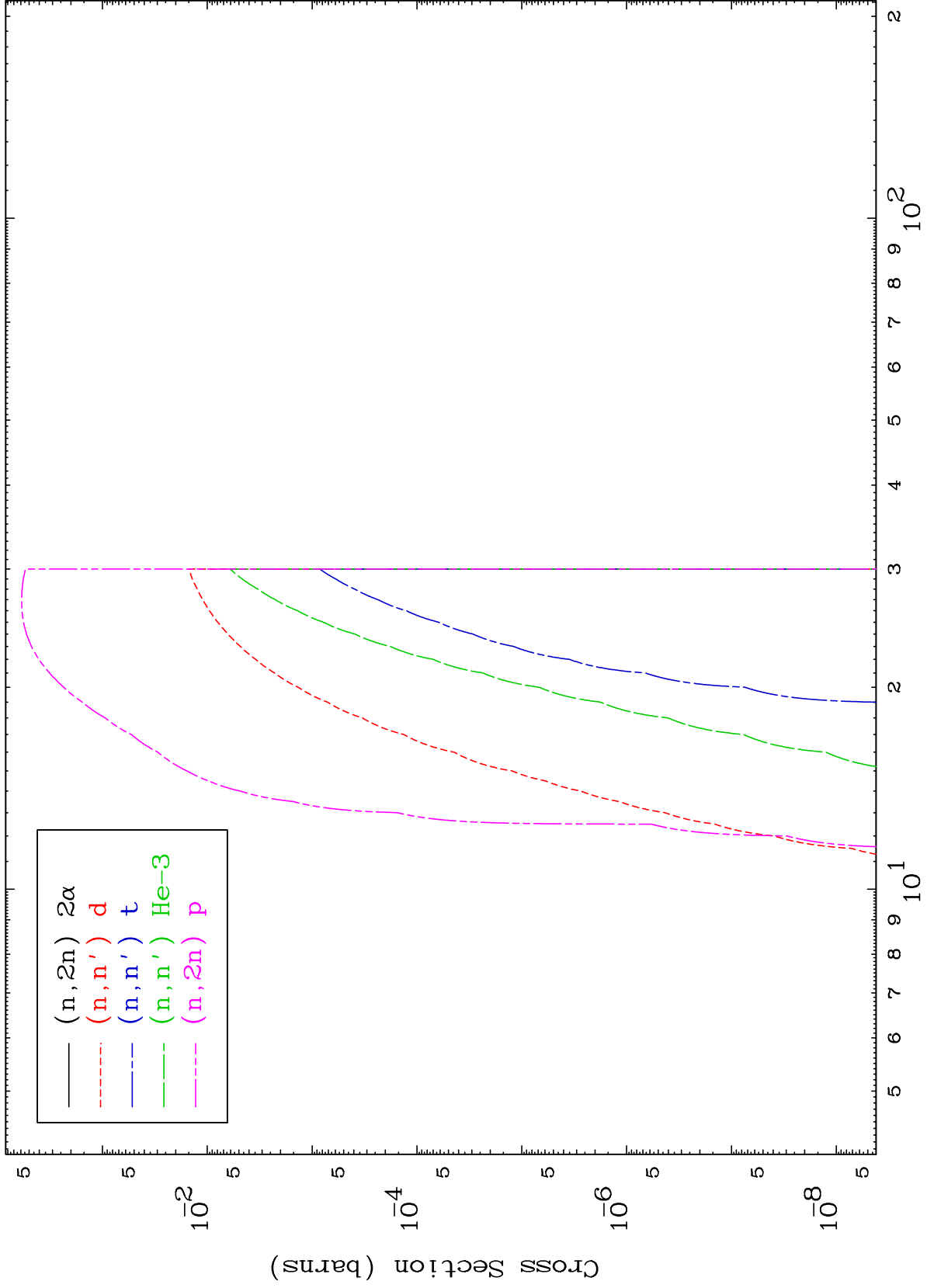


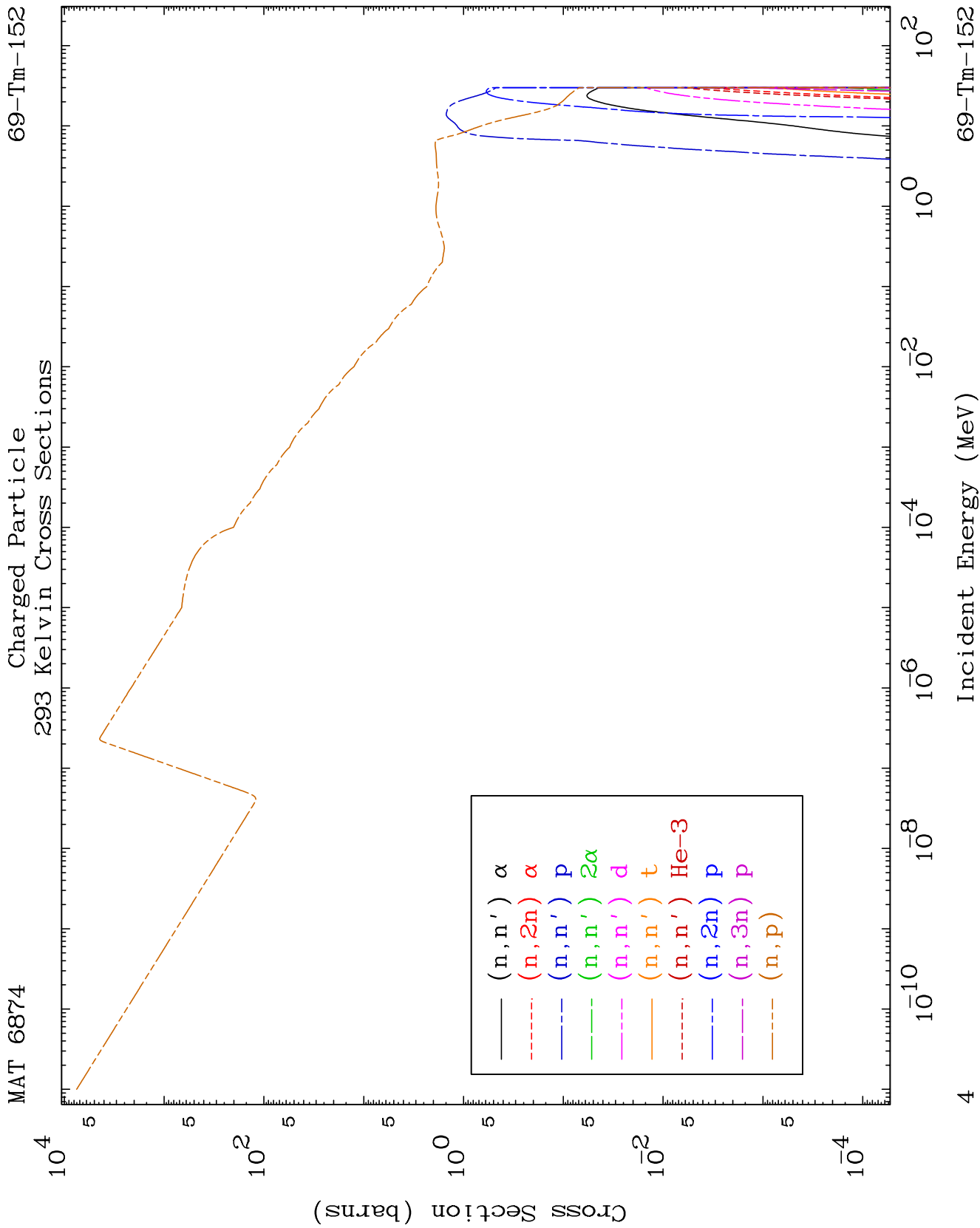
MAT 6874

Neutron Production
293 Kelvin Cross Sections

69-Tm-152



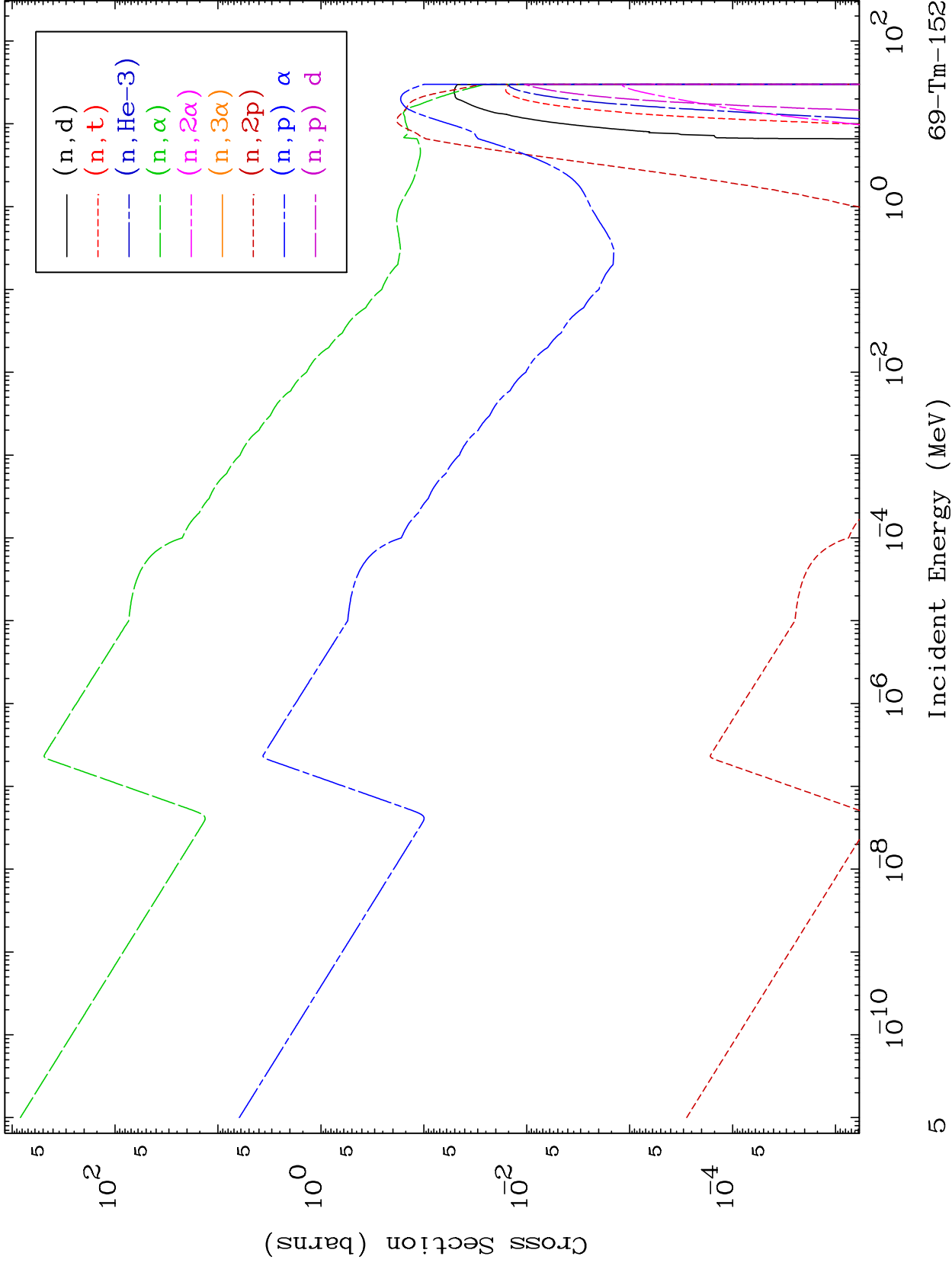




MAT 6874

Charged Particle
293 Kelvin Cross Sections

69-Tm-152



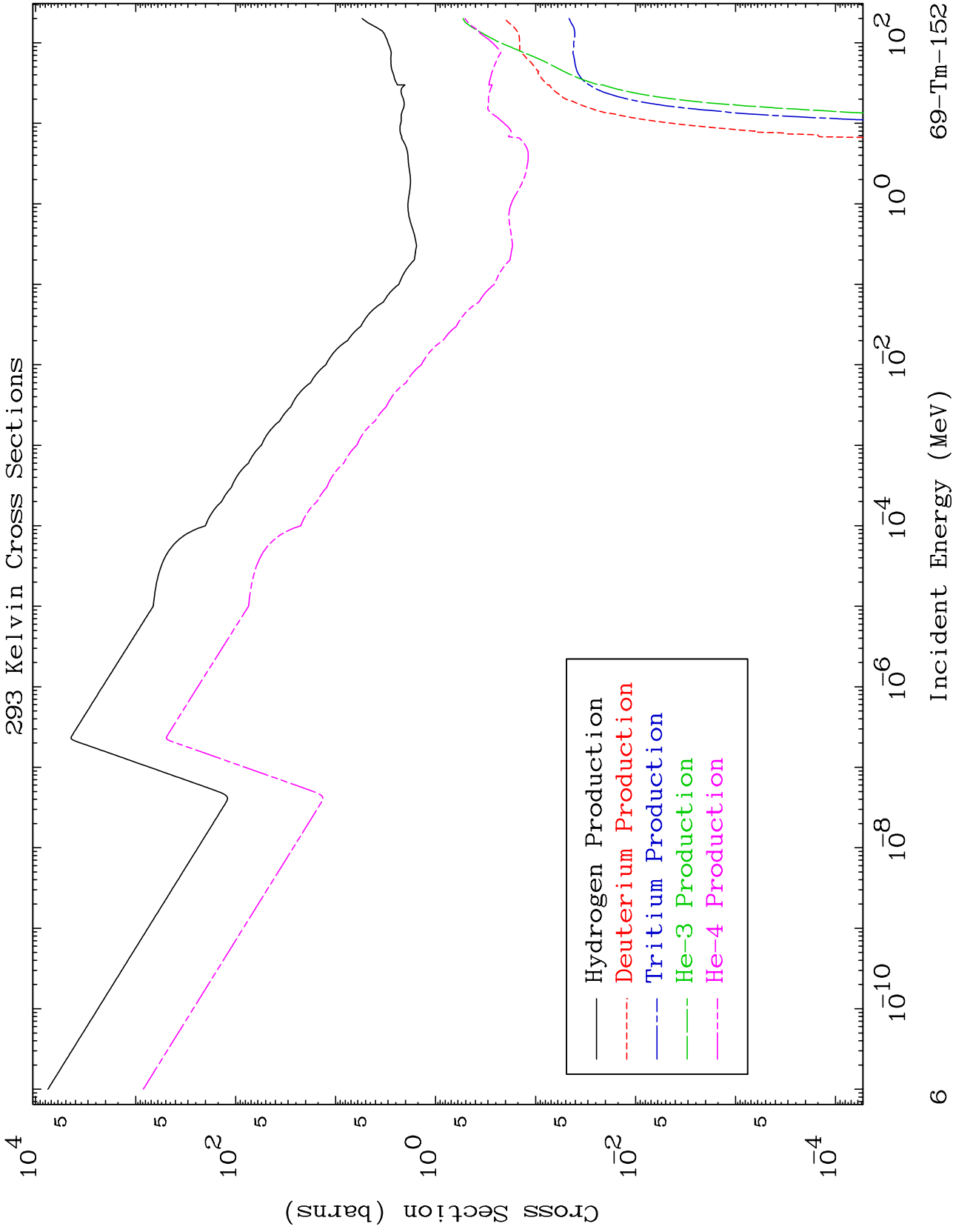
5

69-Tm-152

MAT 6874

Particle Production
293 Kelvin Cross Sections

69-Tm-152

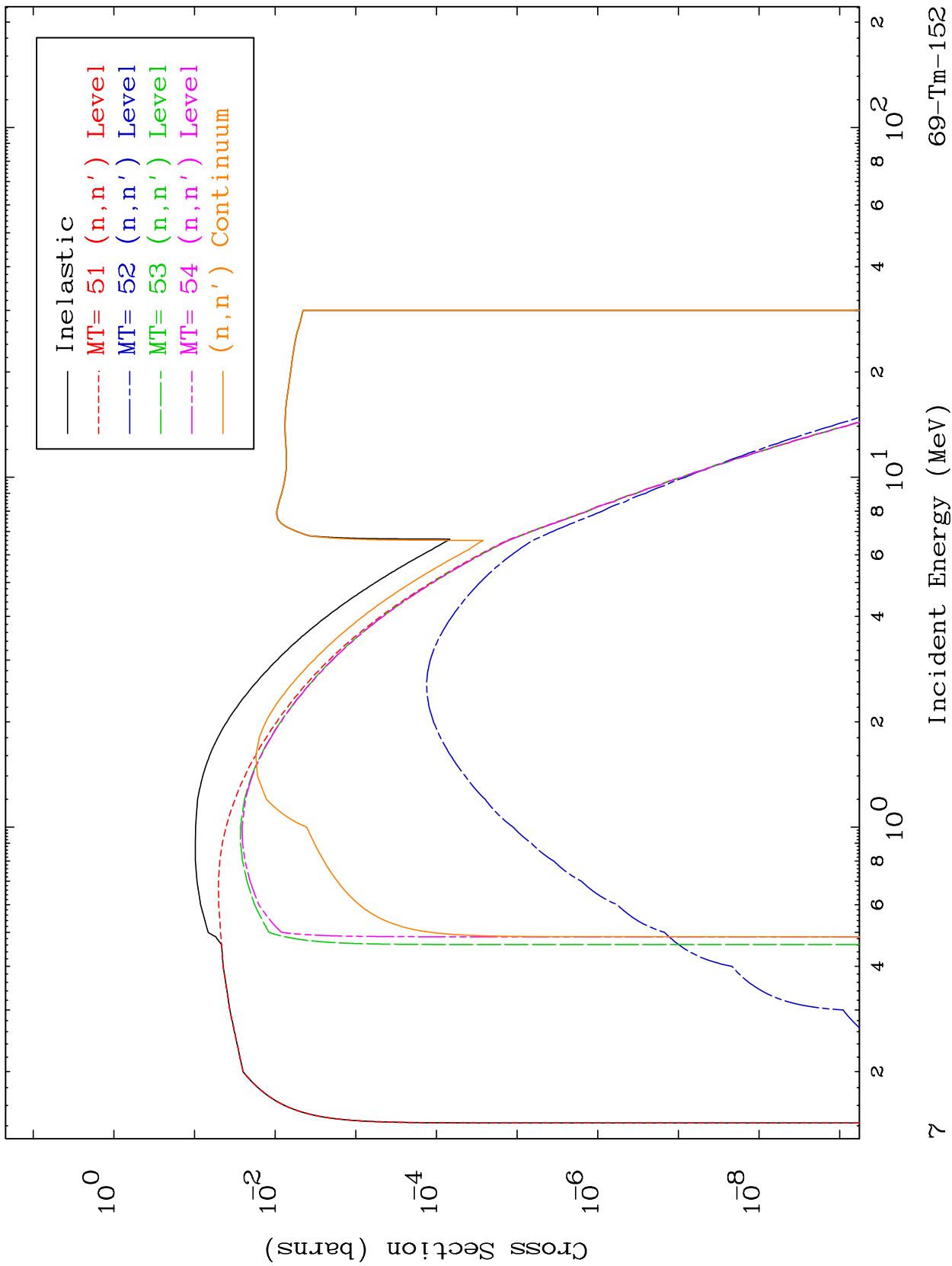


MAT 6874

(n,n') Level

69-Tm-152

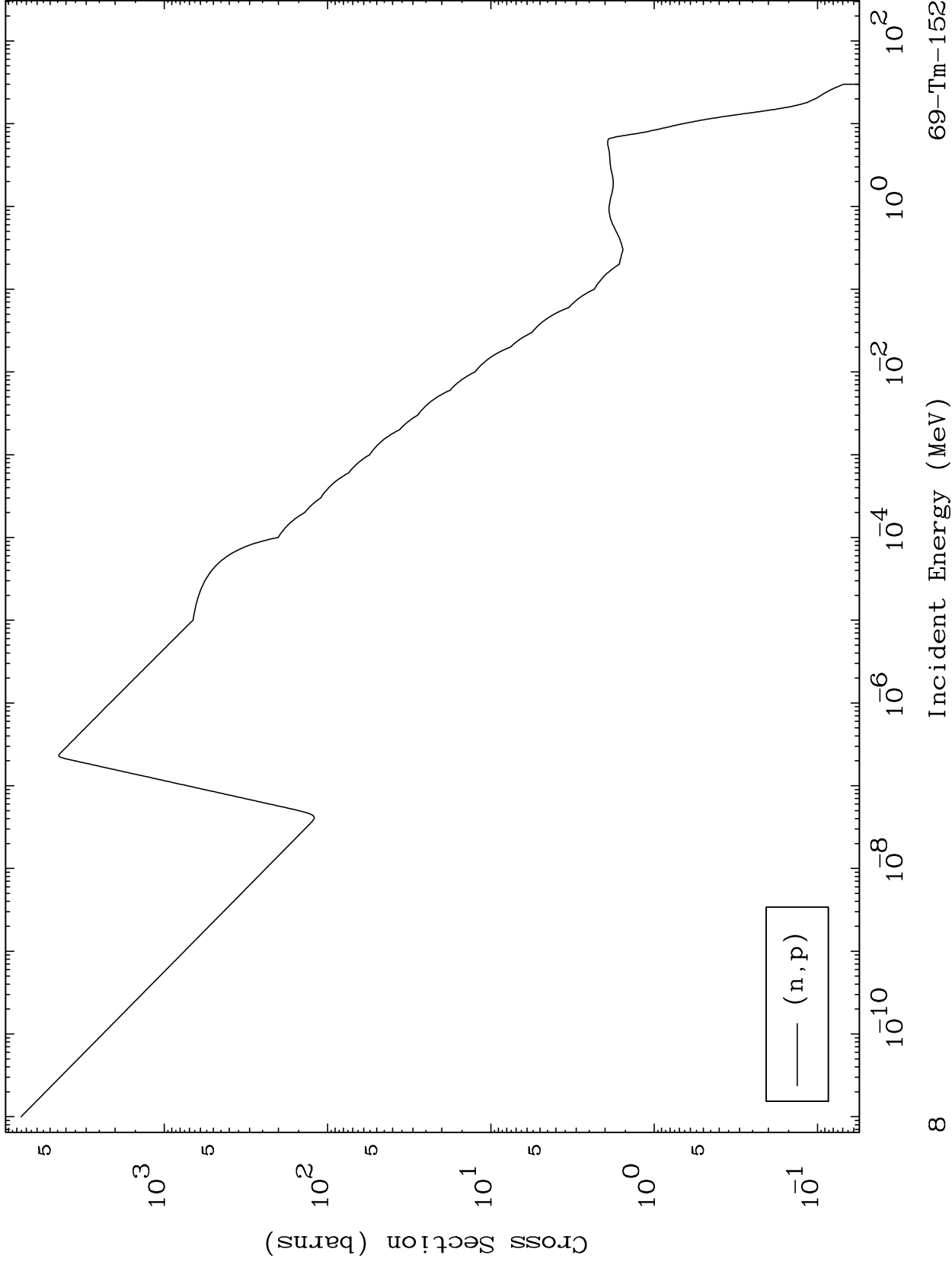
293 Kelvin Cross Sections



MAT 6874

(n,p) Levels
293 Kelvin Cross Sections

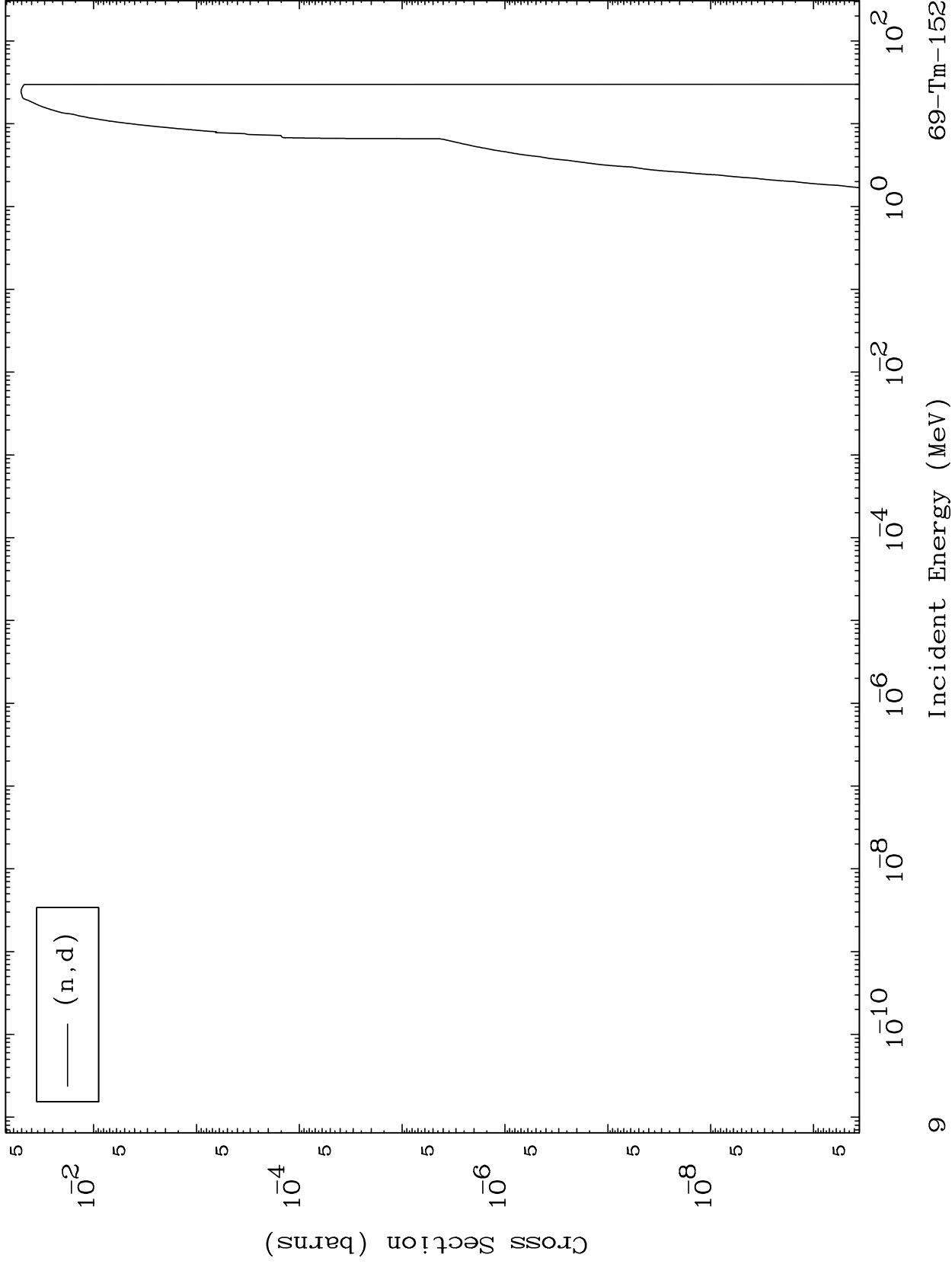
69-Tm-152



MAT 6874

(n,d) Levels
293 Kelvin Cross Sections

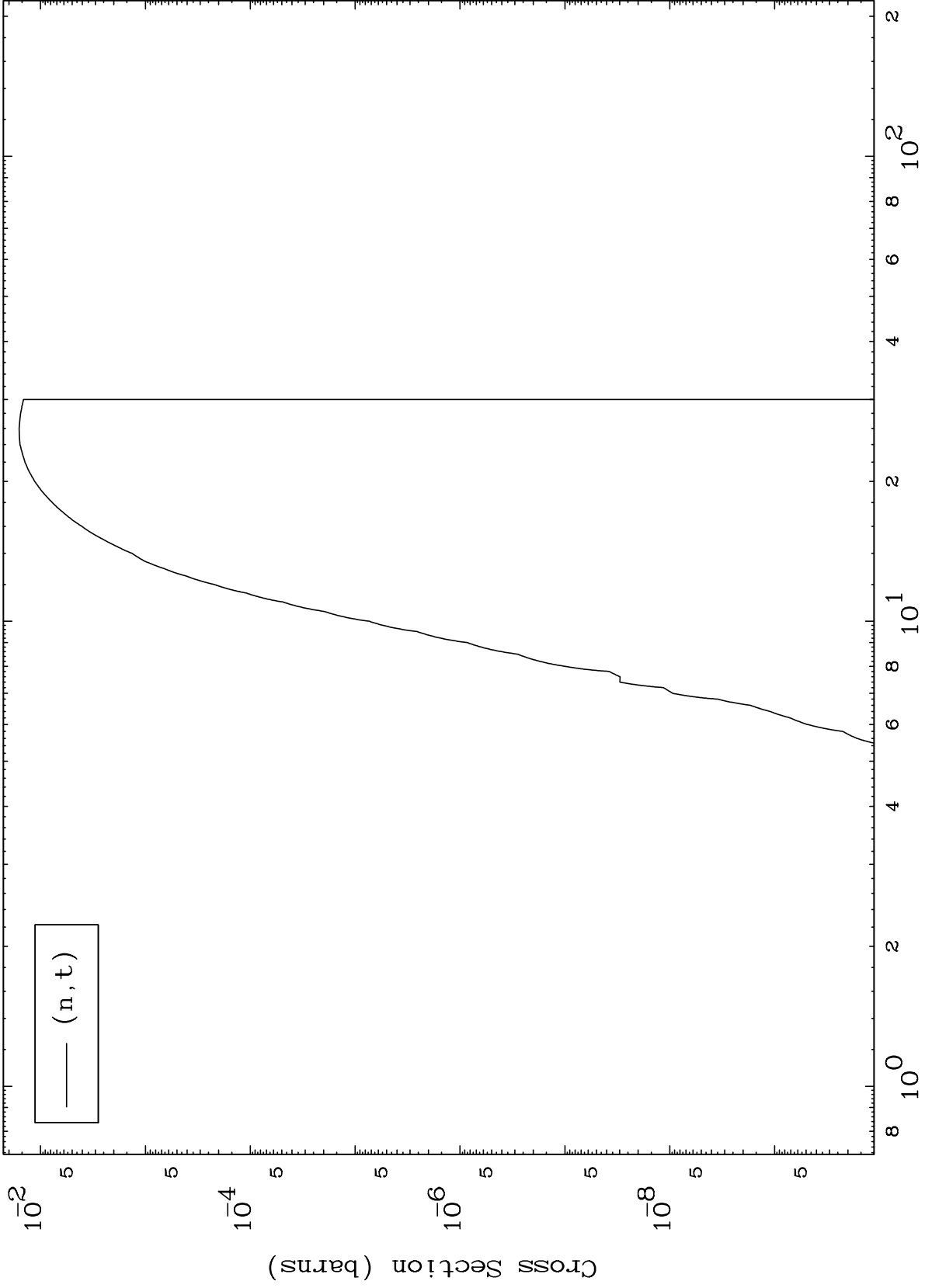
69-Tm-152



MAT 6874

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-152



10

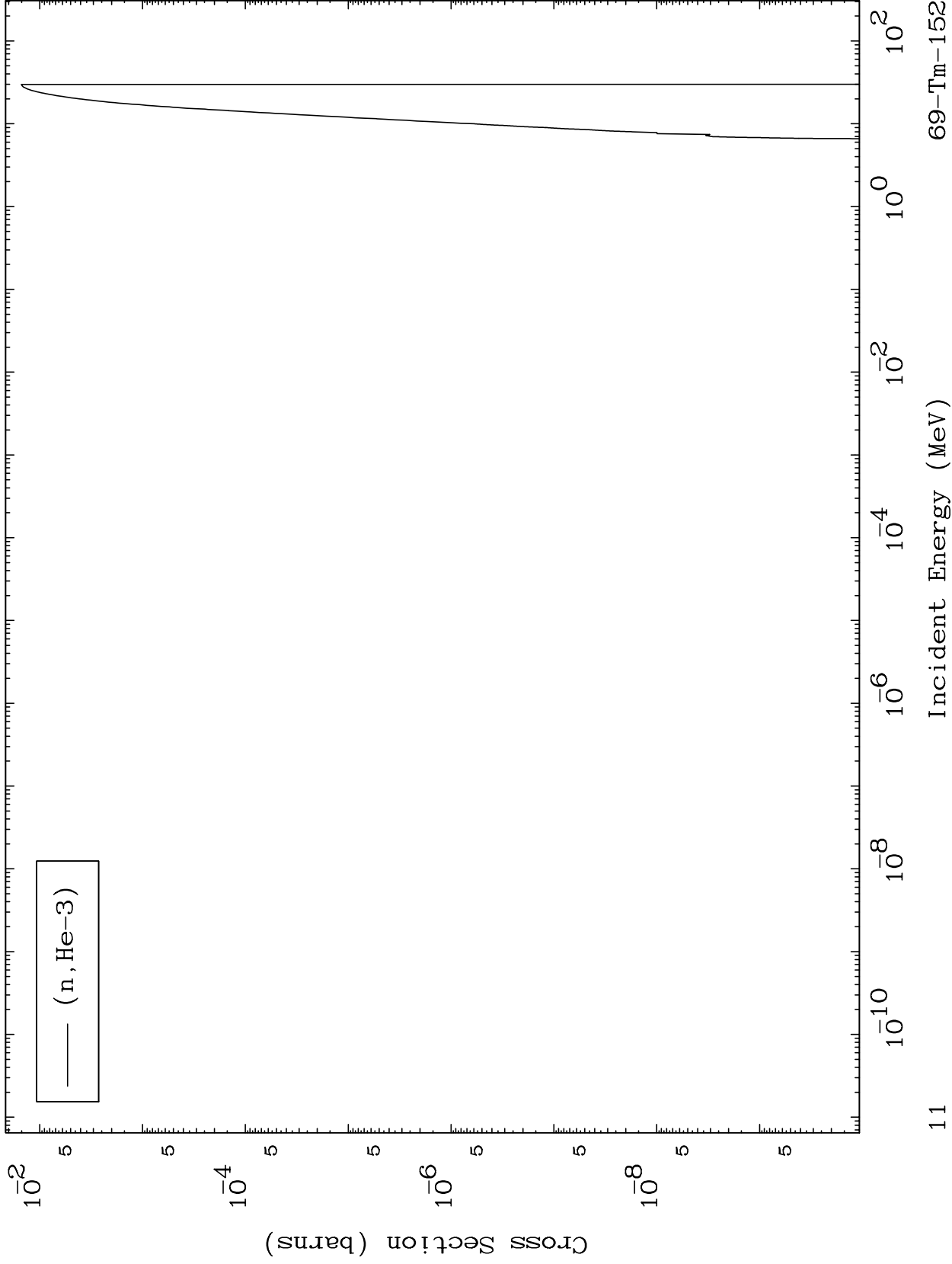
Incident Energy (MeV)

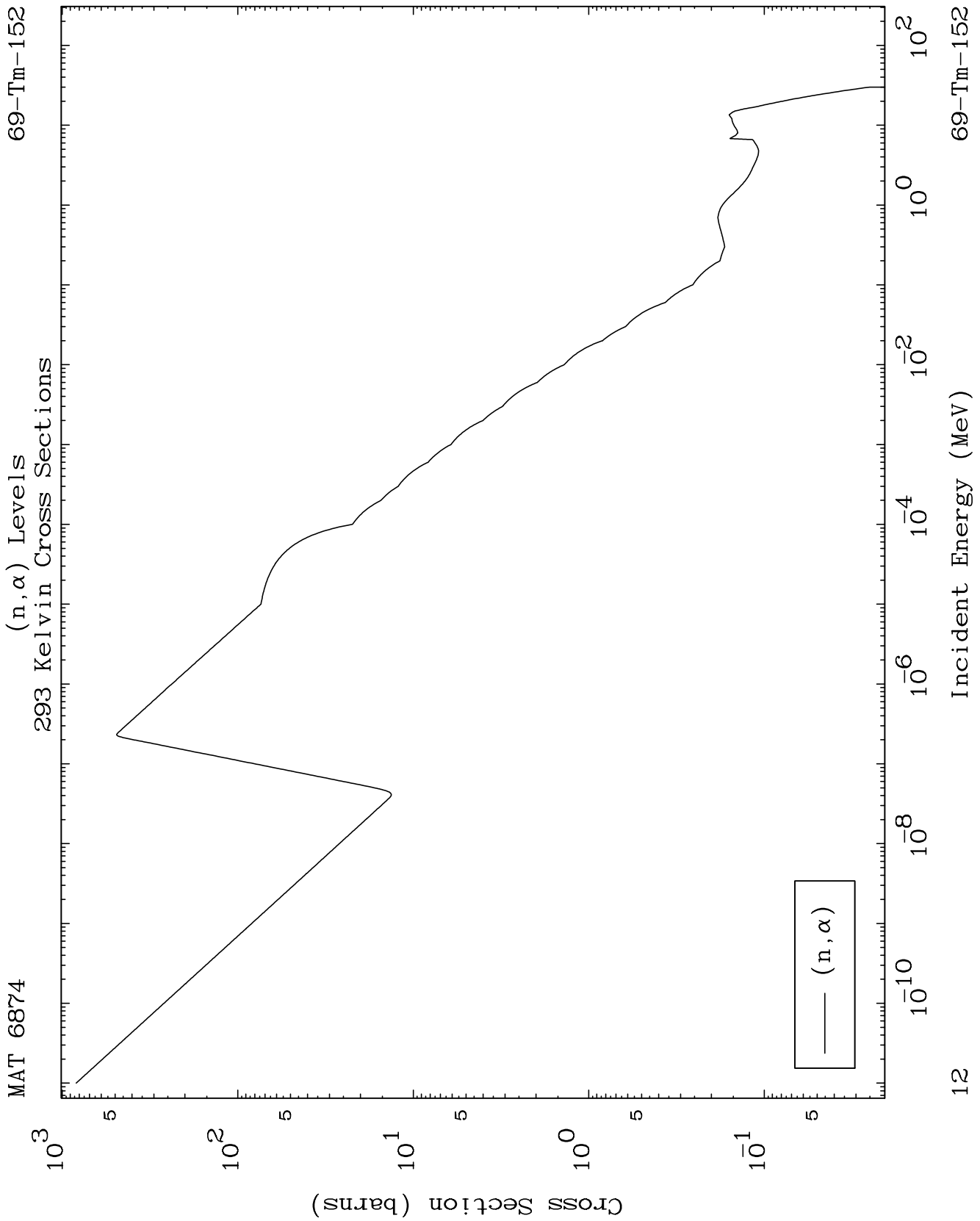
69-Tm-152

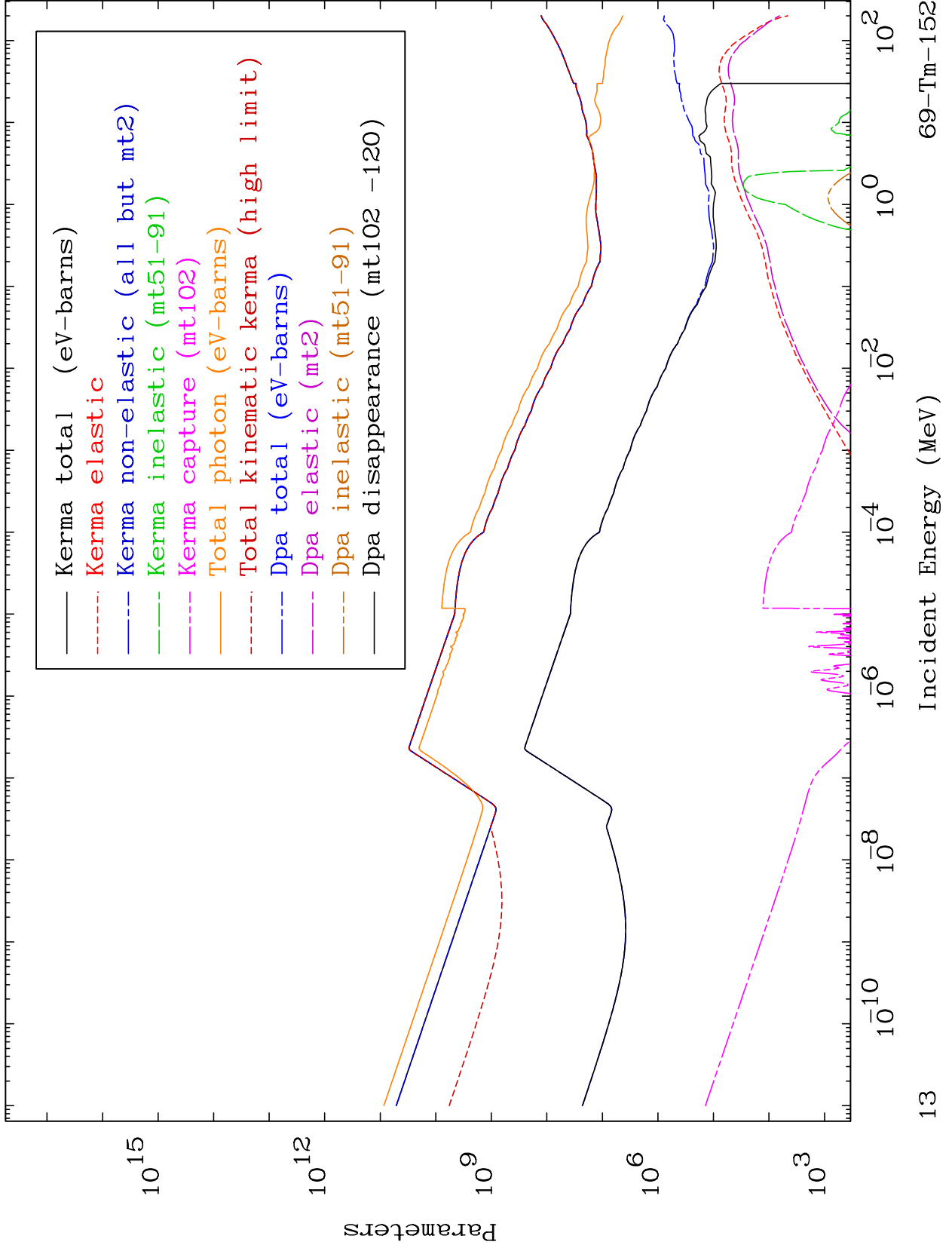
MAT 6874

(n,He3) Levels
293 Kelvin Cross Sections

69-Tm-152



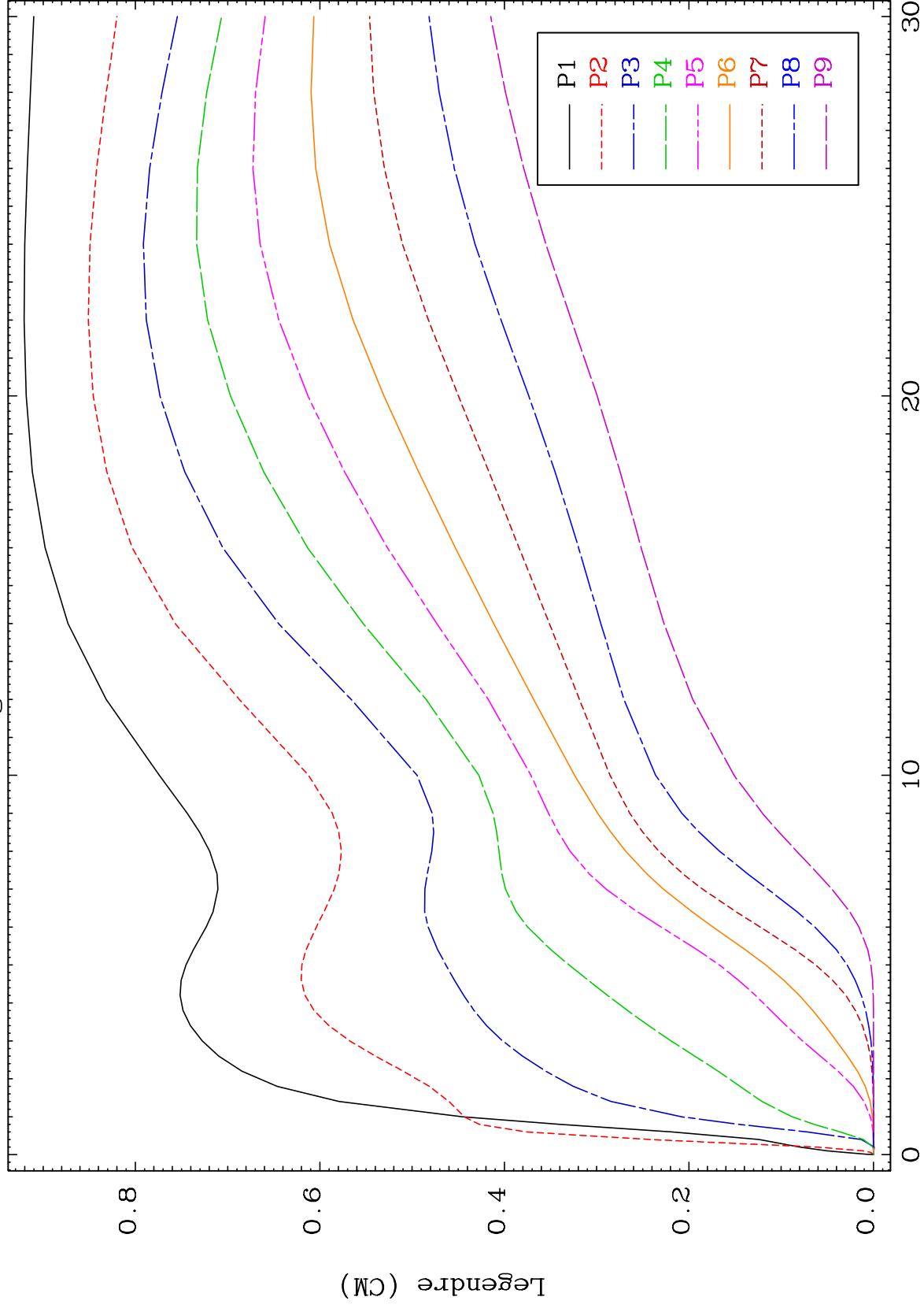




MAT 6874

Elastic Legendre Coefficients

69-Tm-152



14

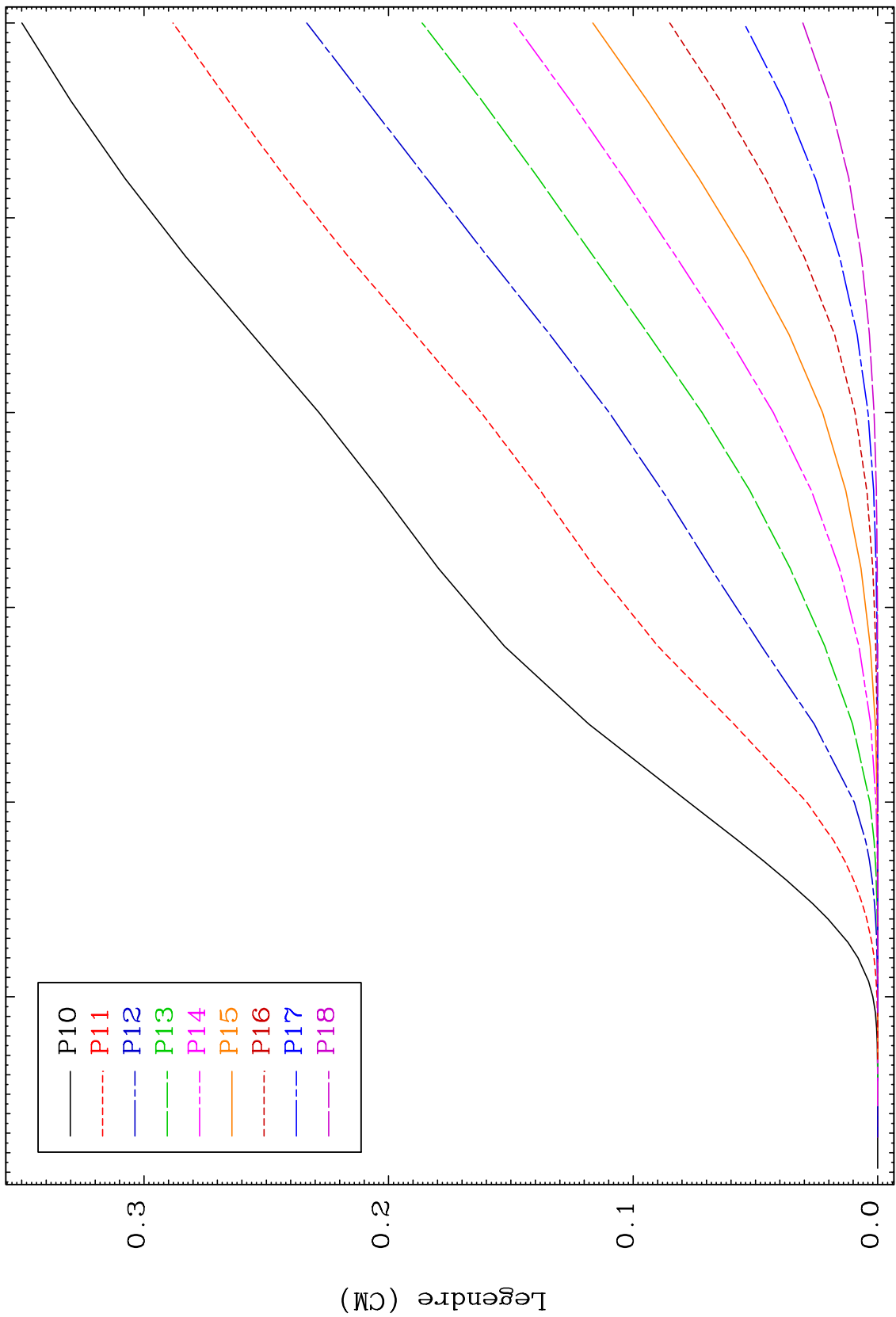
Incident Energy (MeV)

69-Tm-152

MAT 6874

Elastic Legendre Coefficients

69-Tm-152



15

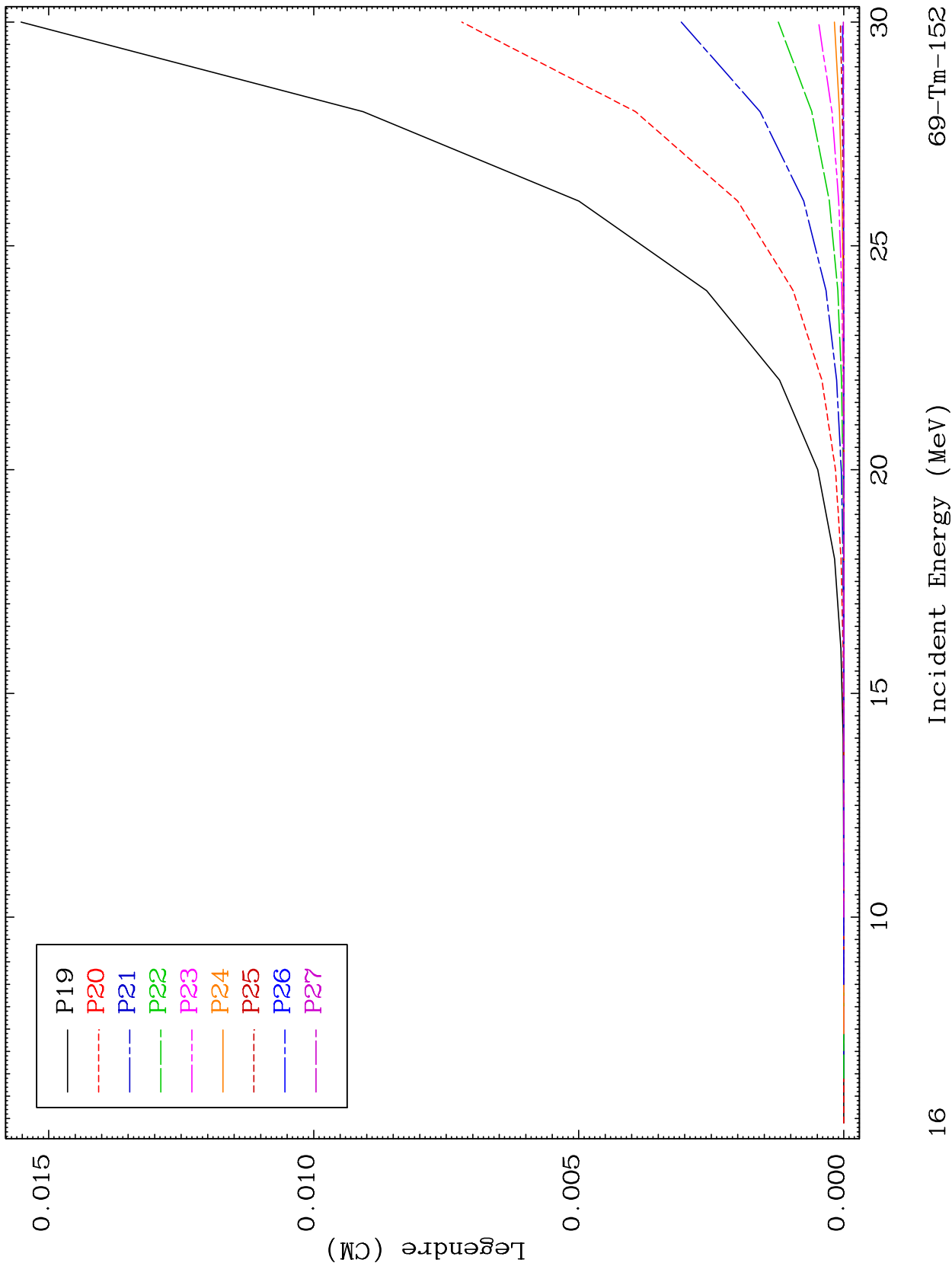
Incident Energy (MeV)

69-Tm-152

MAT 6874

Elastic Legendre Coefficients

69-Tm-152



16

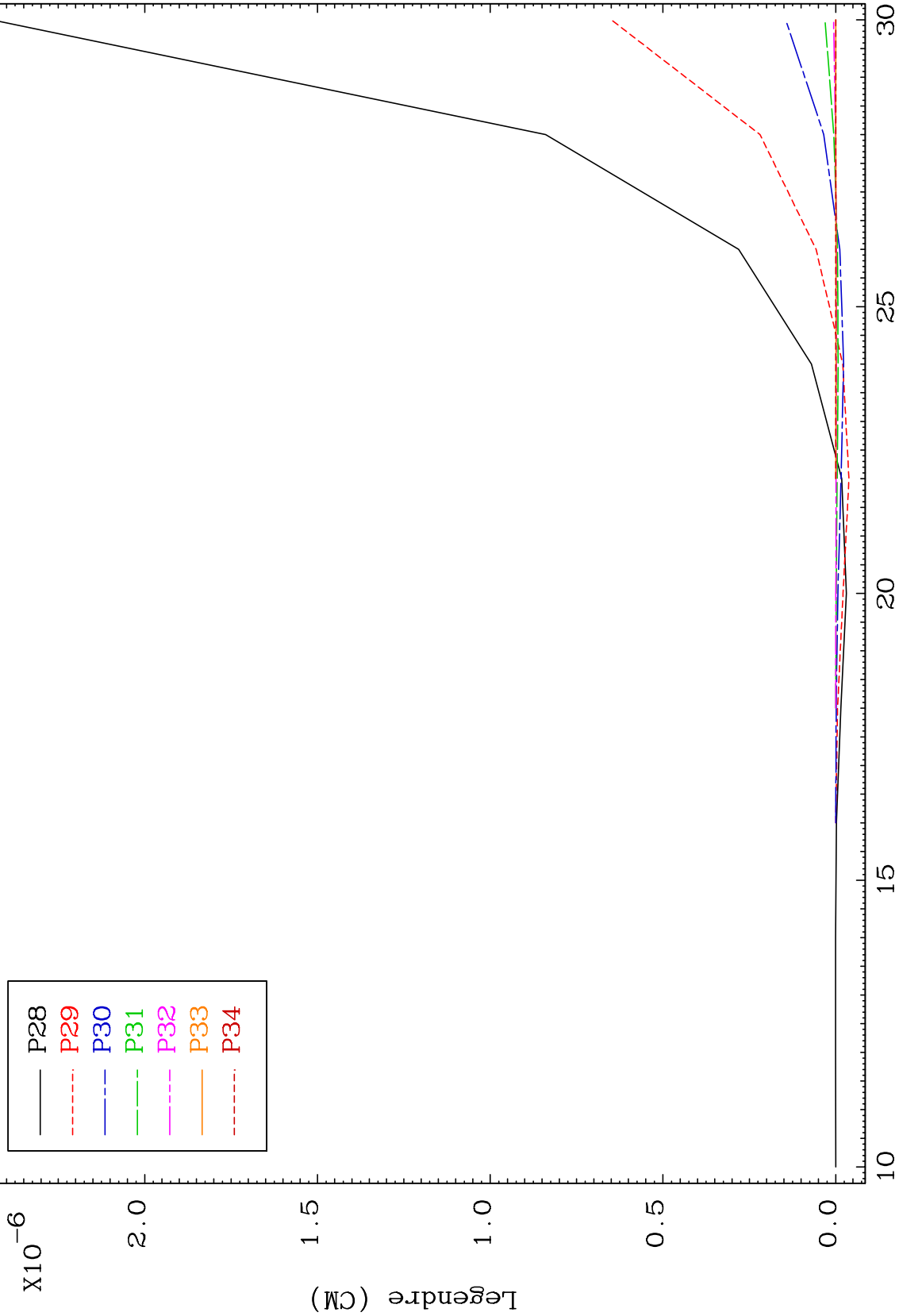
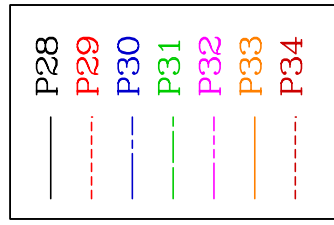
Incident Energy (MeV)

69-Tm-152

MAT 6874

Elastic Legendre Coefficients

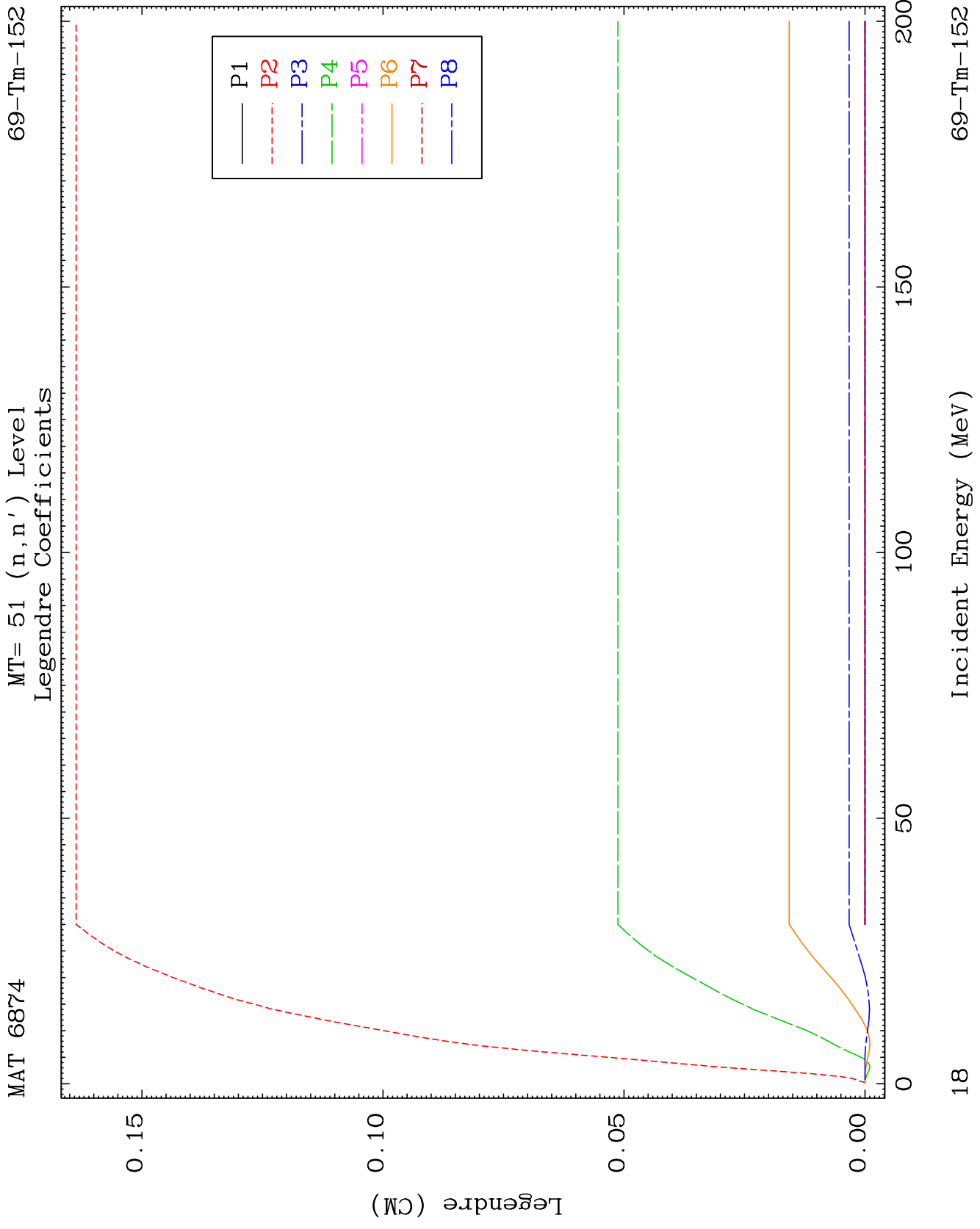
69-Tm-152

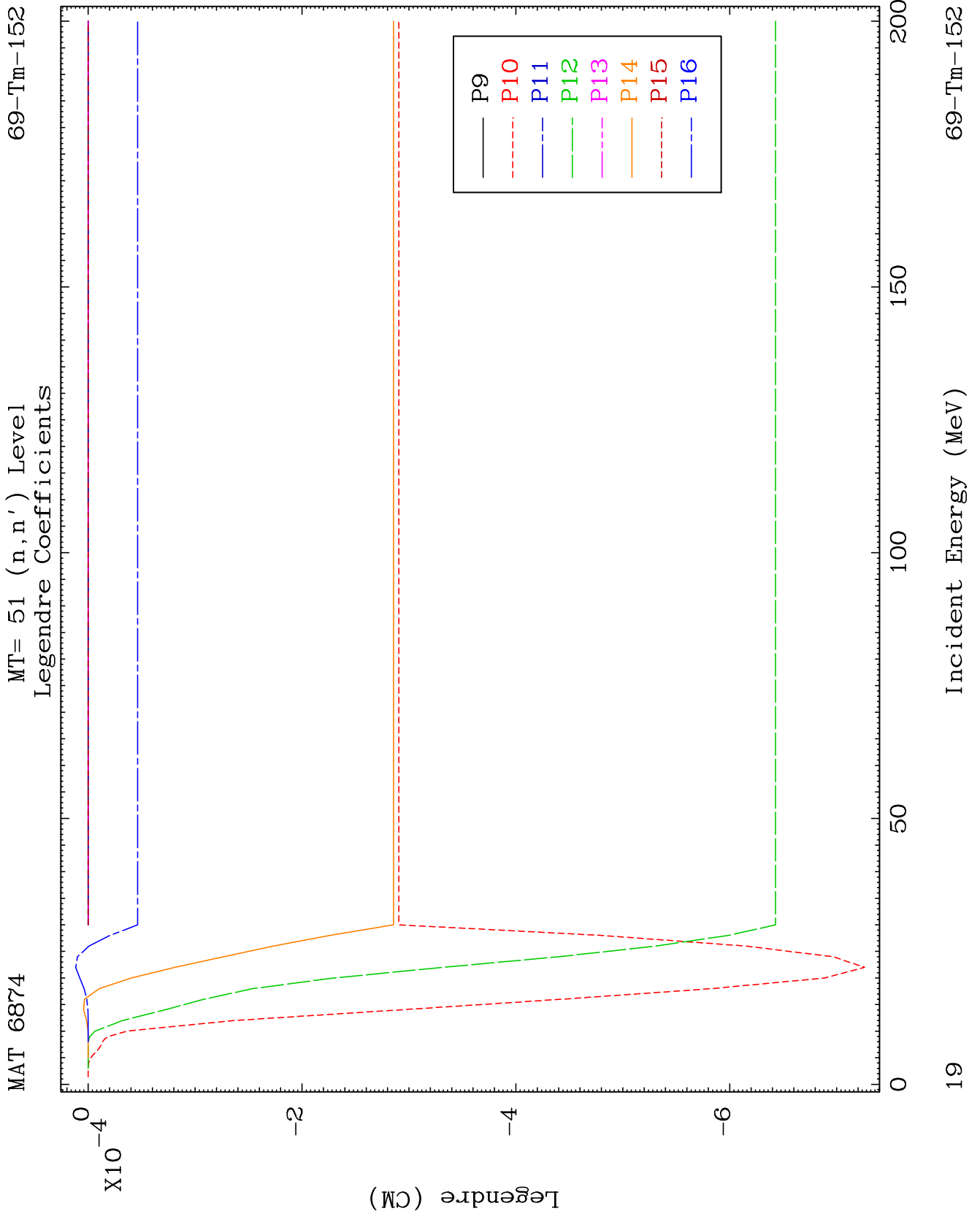


17

Incident Energy (MeV)

69-Tm-152

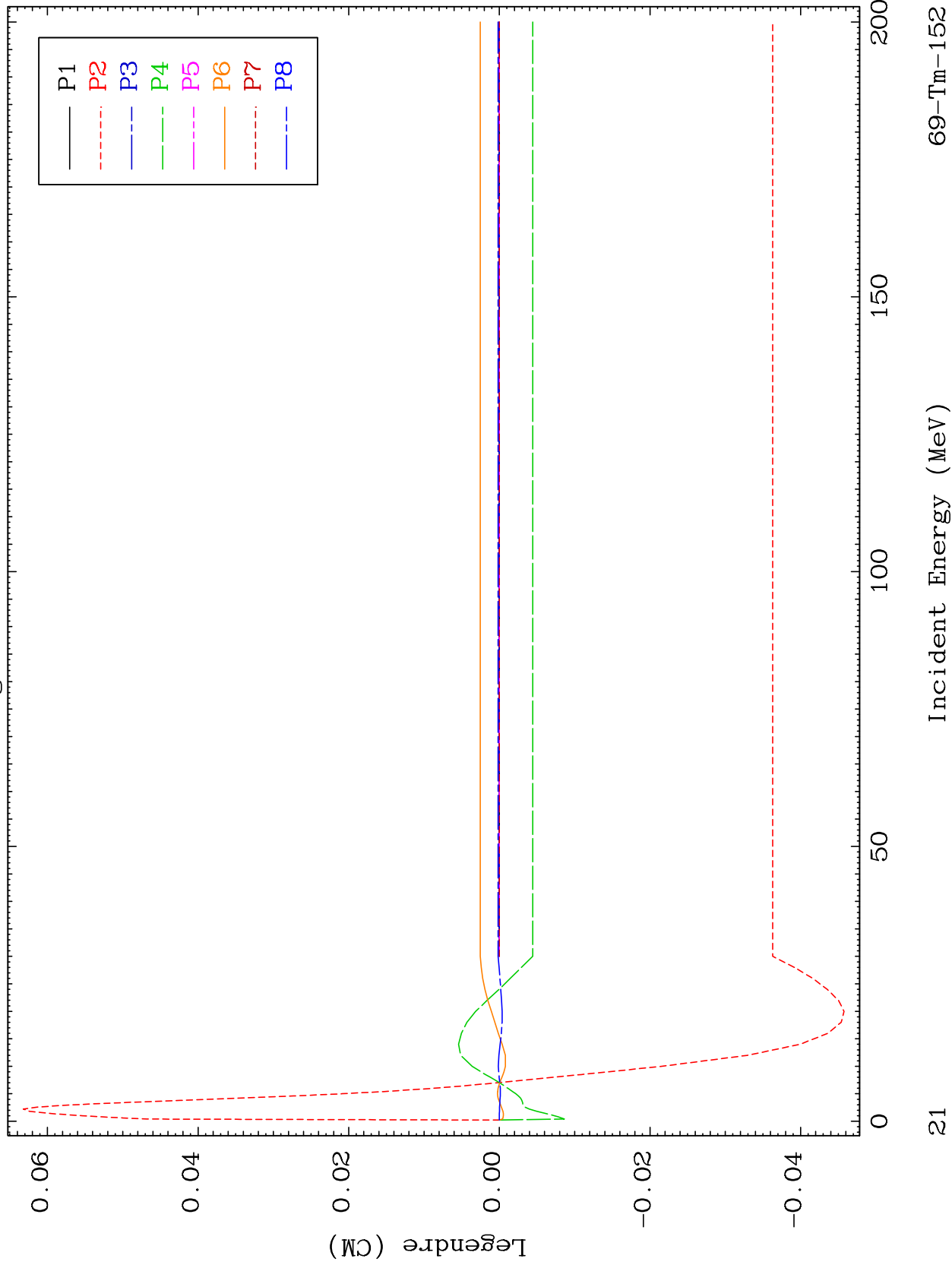




MAT 6874

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

69-Tm-152



69-Tm-152

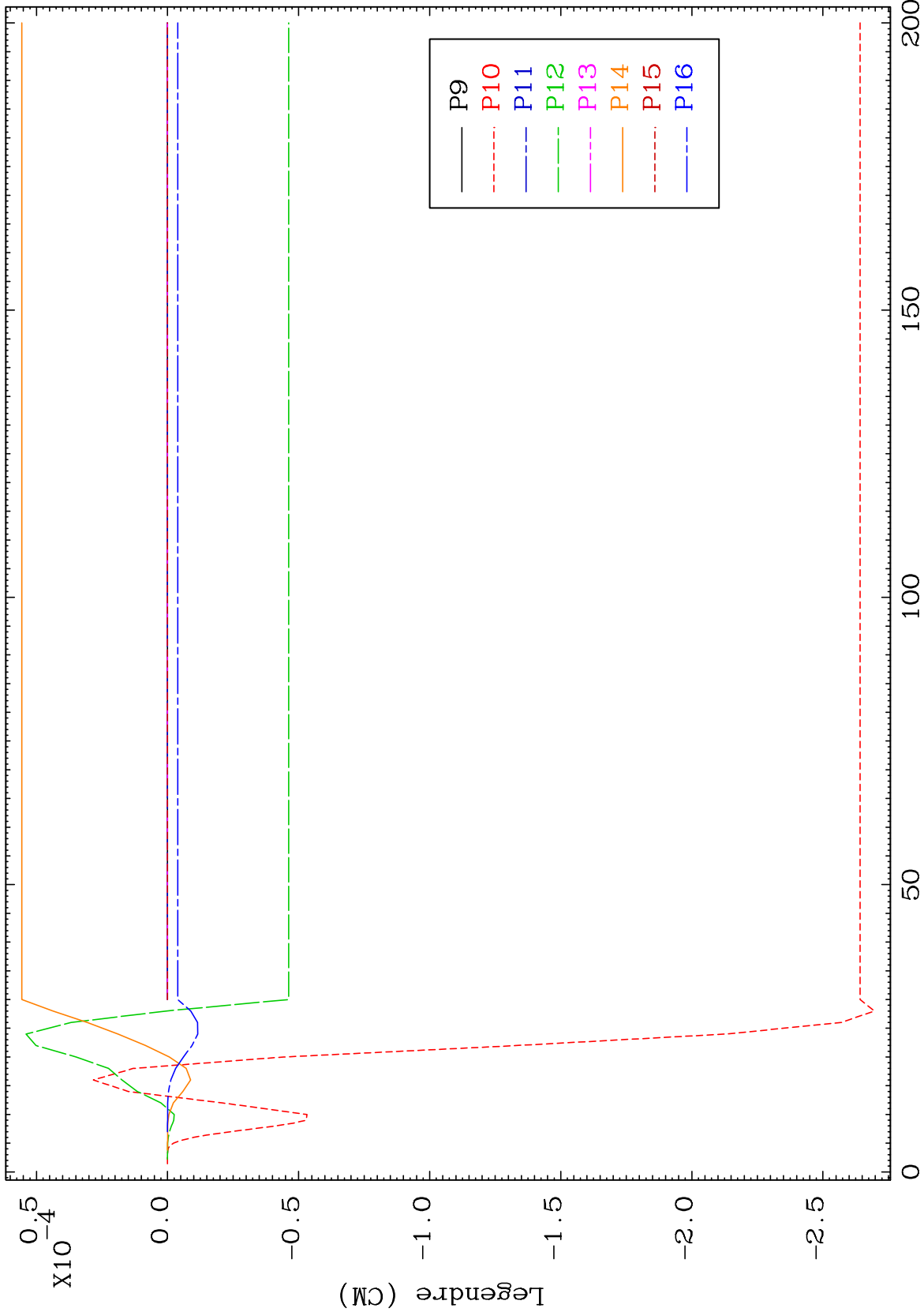
Incident Energy (MeV)

21

MAT 6874

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

69-Tm-152



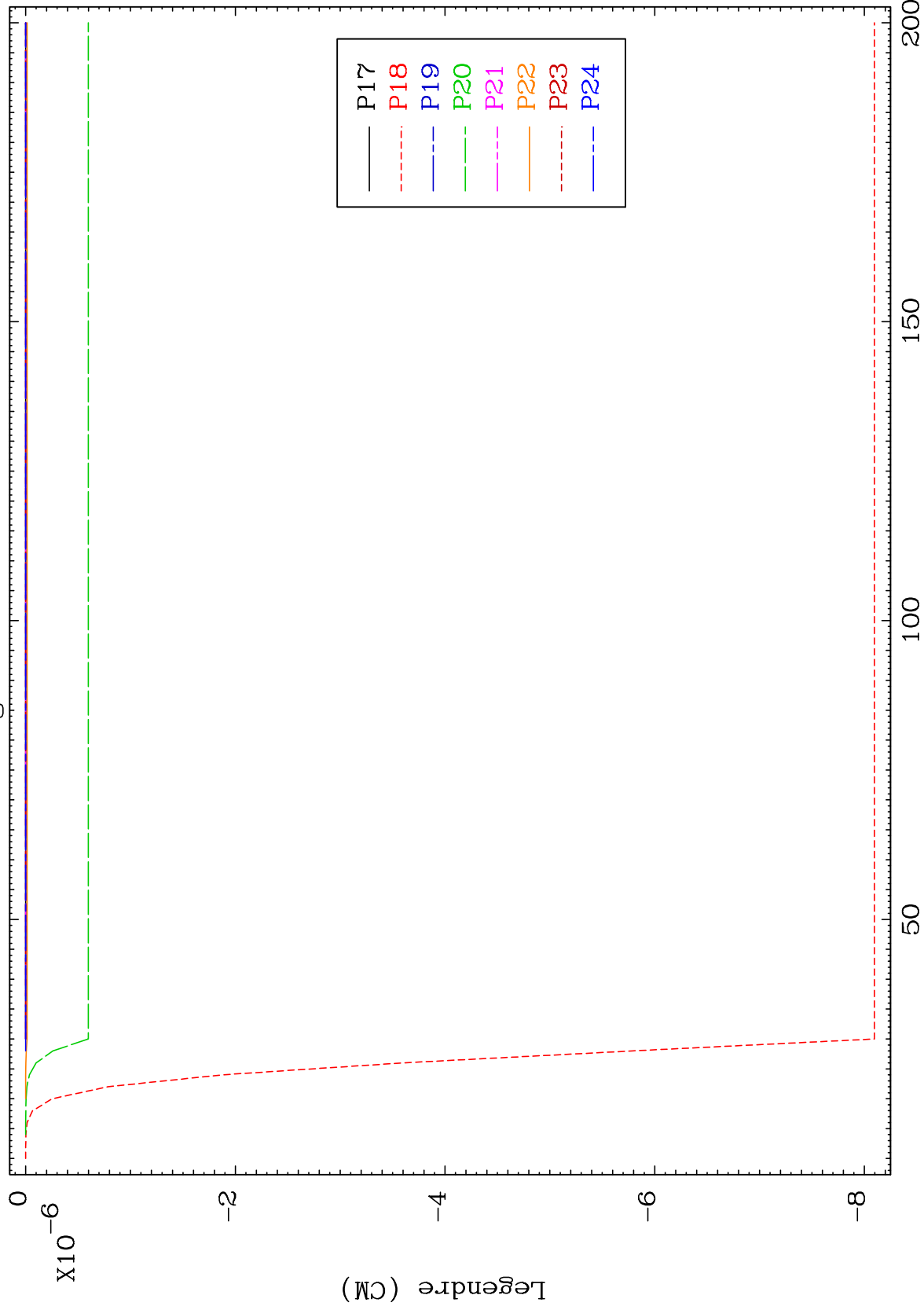
22

Incident Energy (MeV)

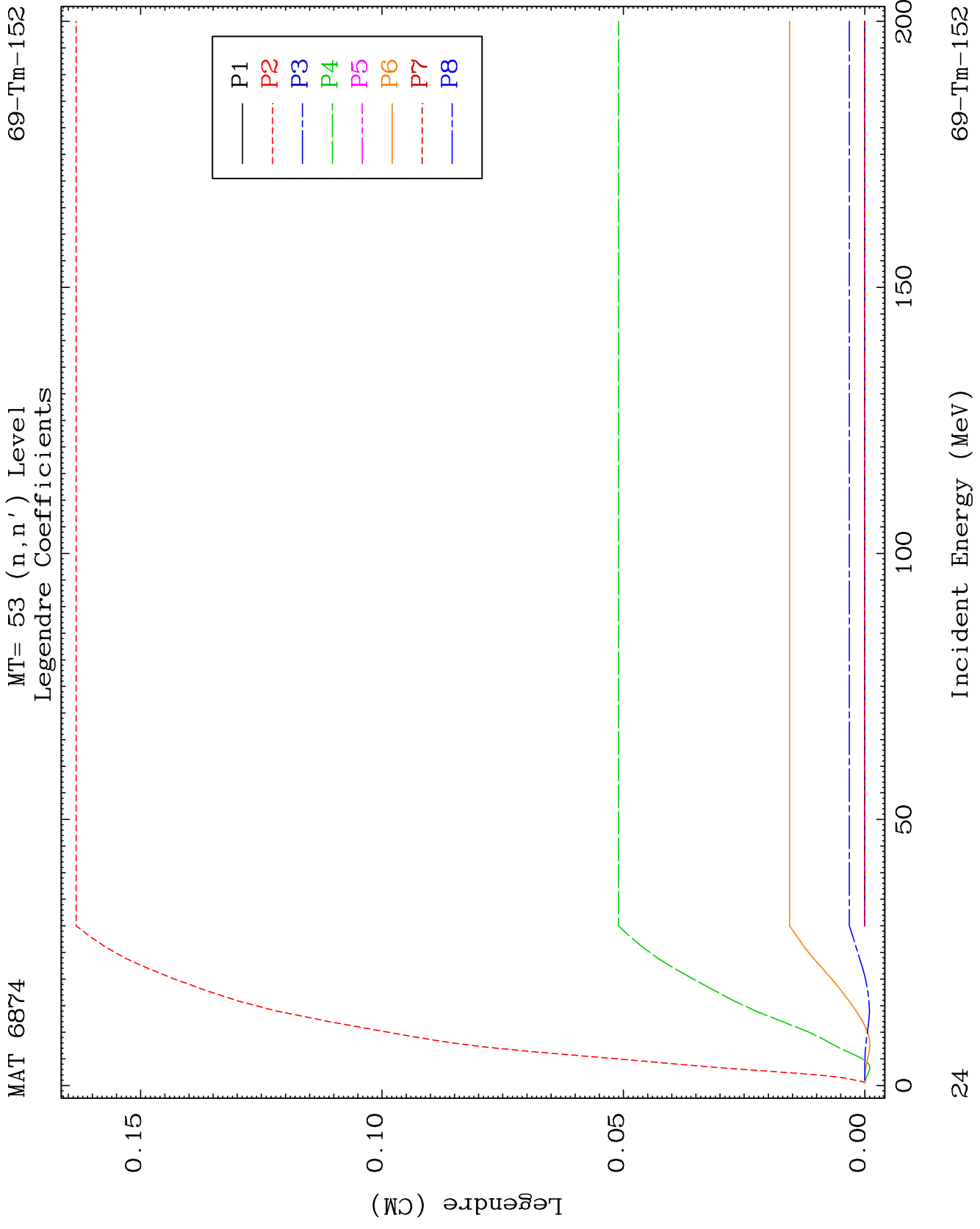
69-Tm-152

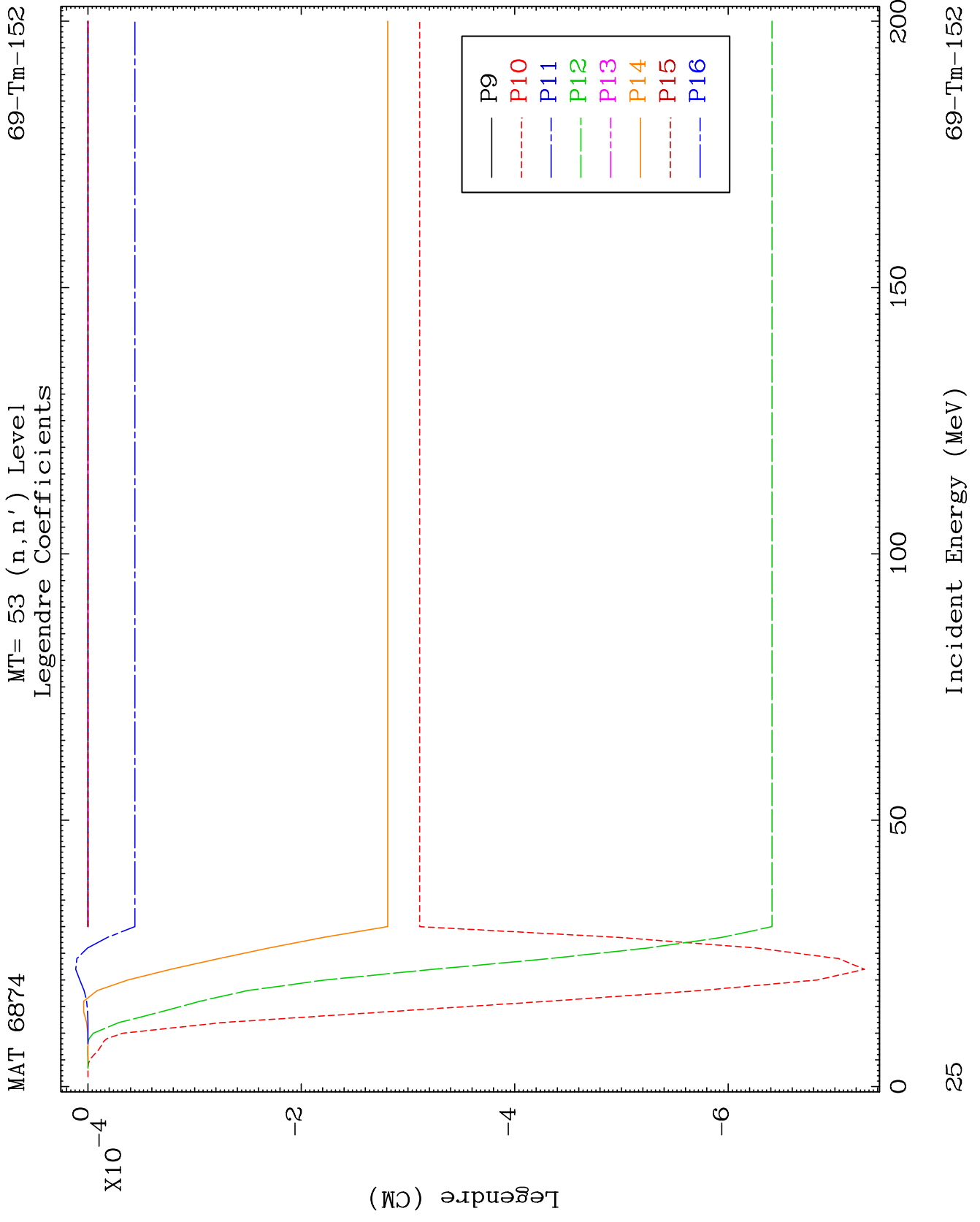
MAT 6874 MT= 52 (n,n') Level 69-Tm-152

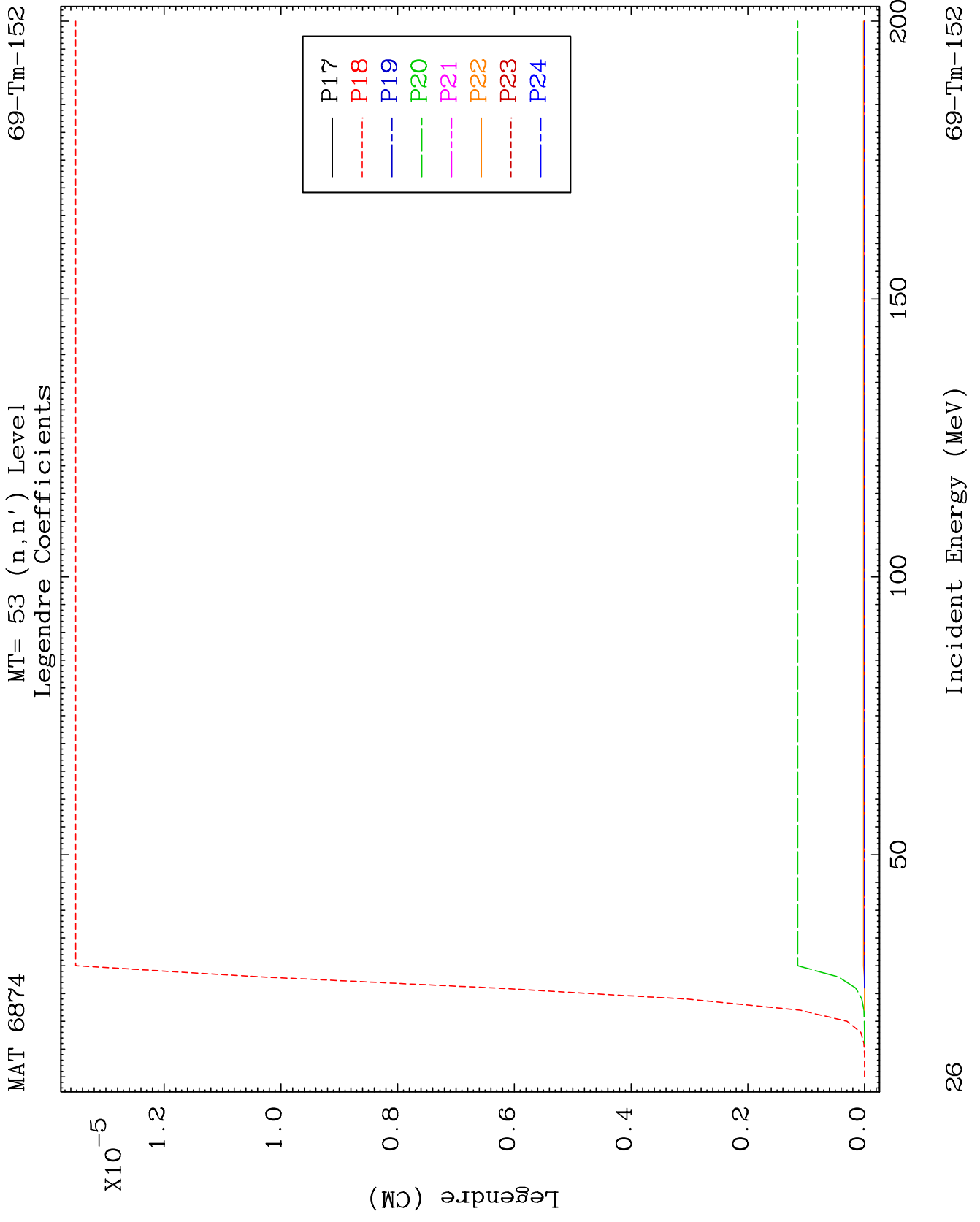
Legendre Coefficients

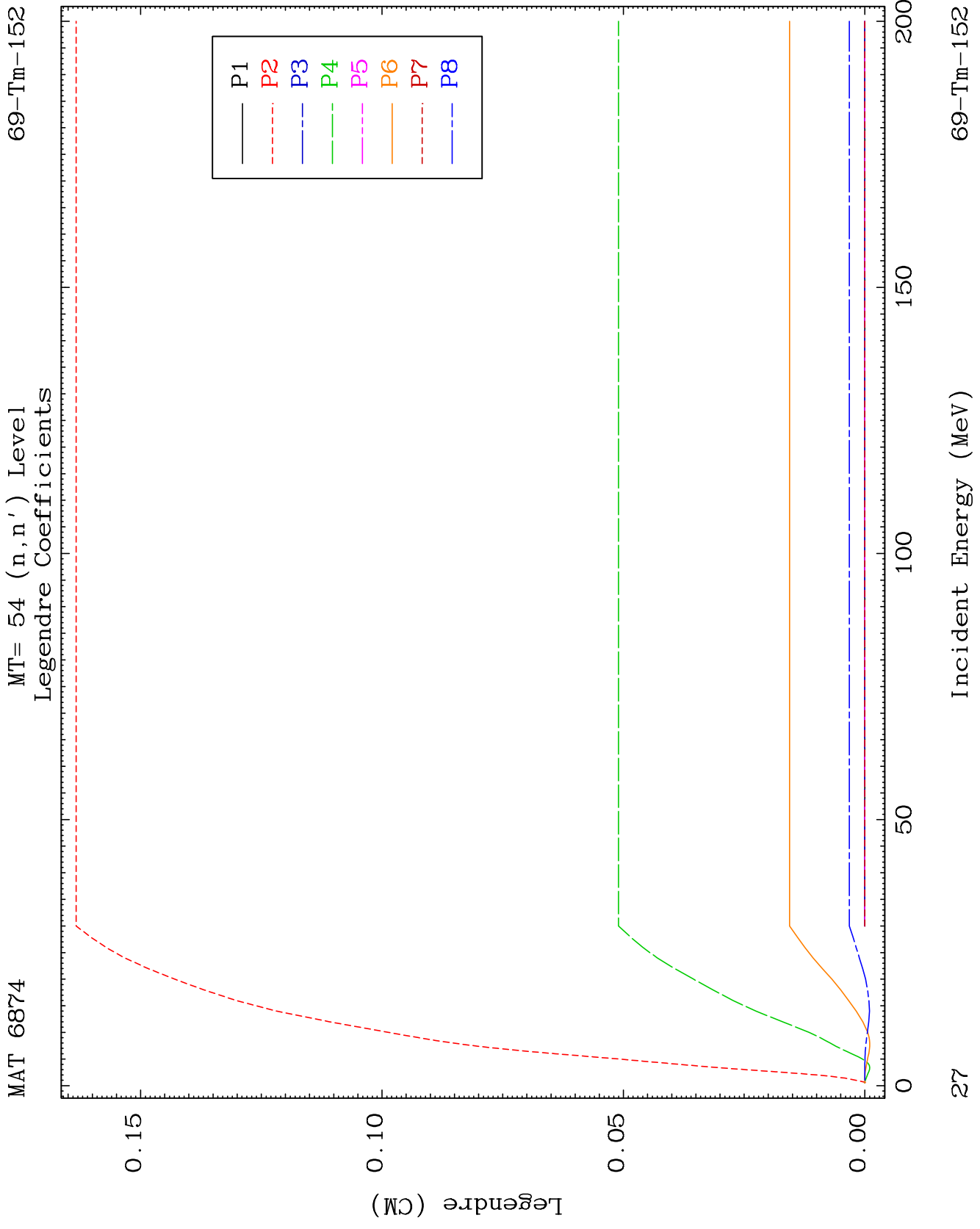


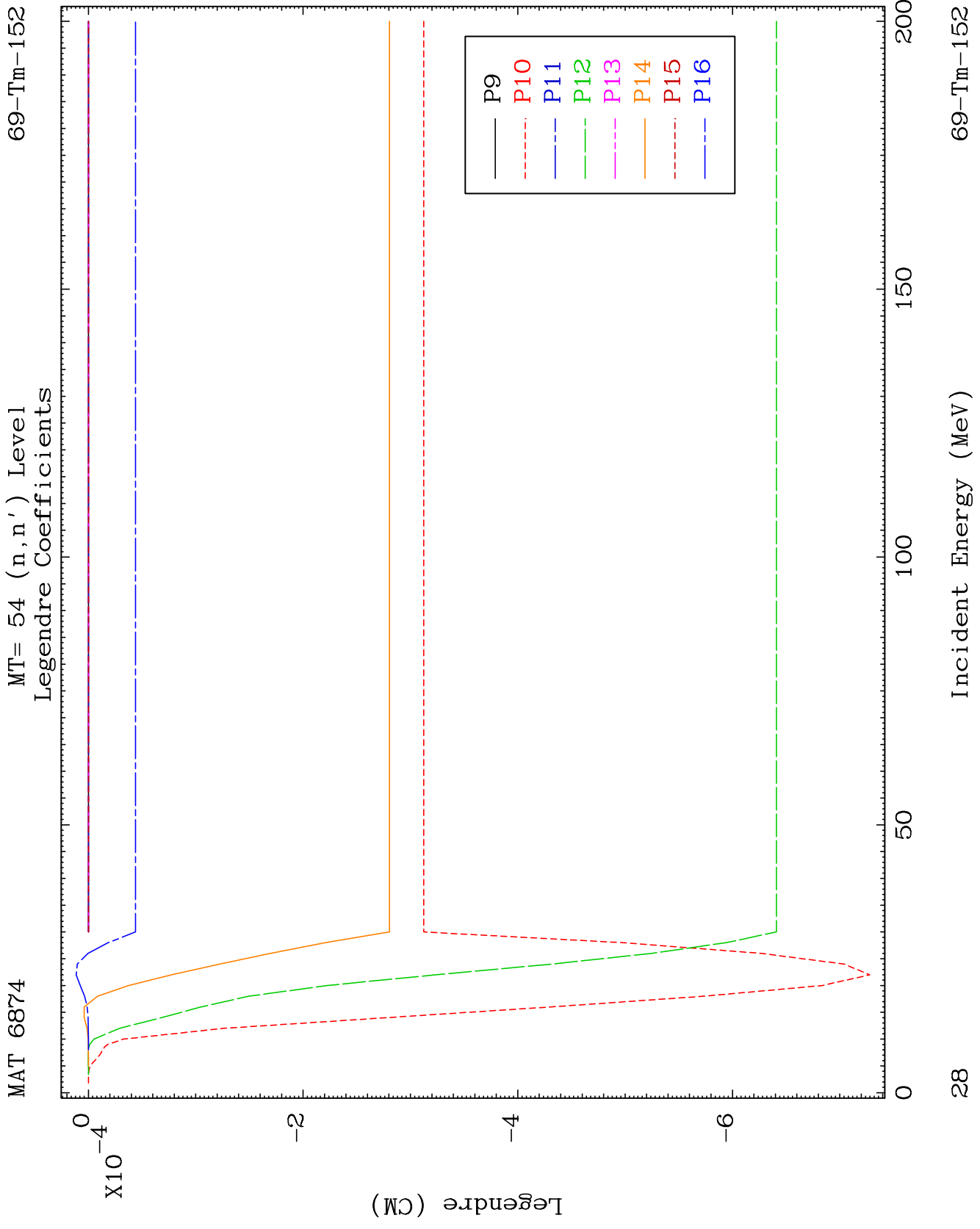
23 69-Tm-152

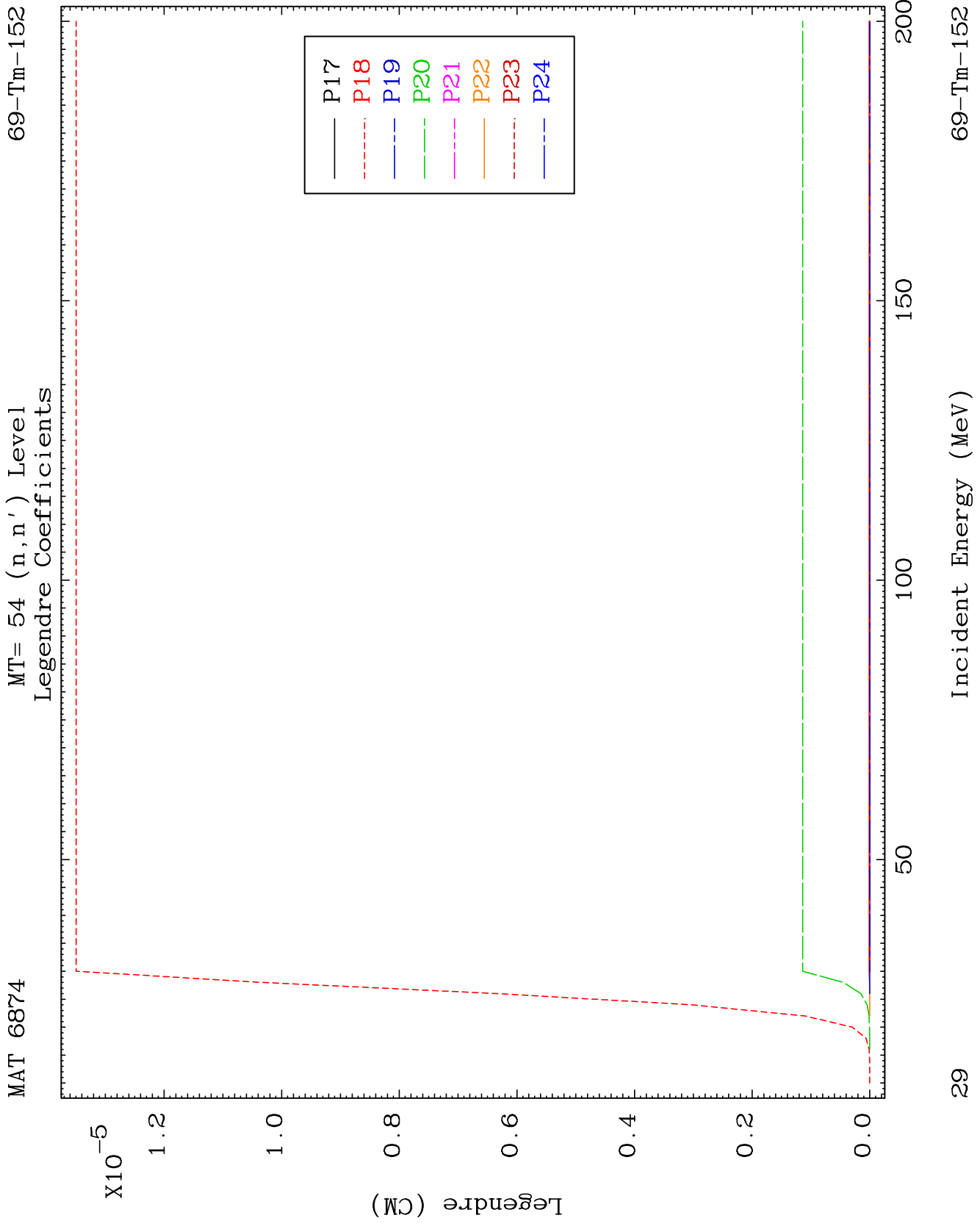








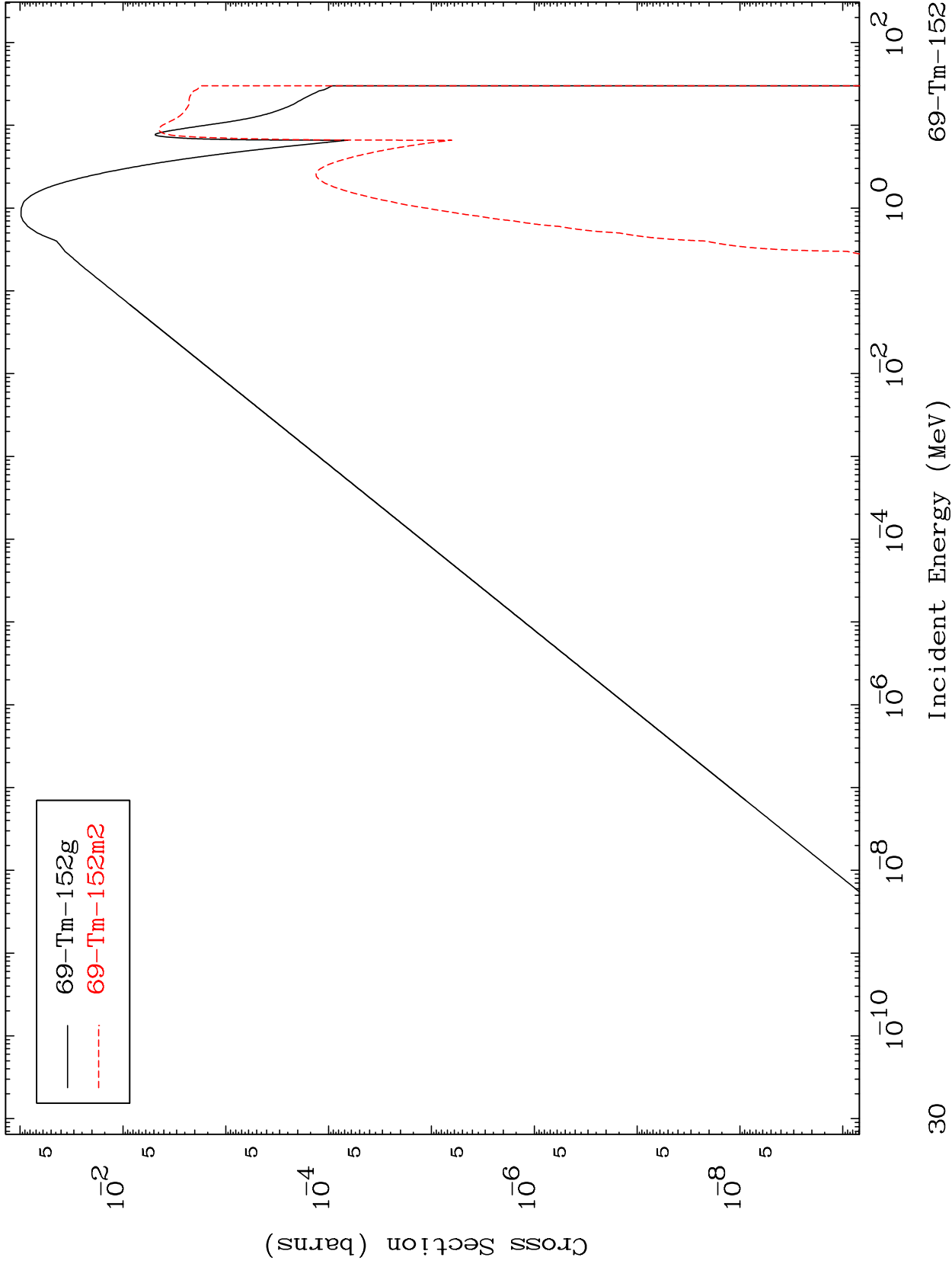




MAT 6874

Inelastic
Radionuclide Production Cross Section

69-Tm-152



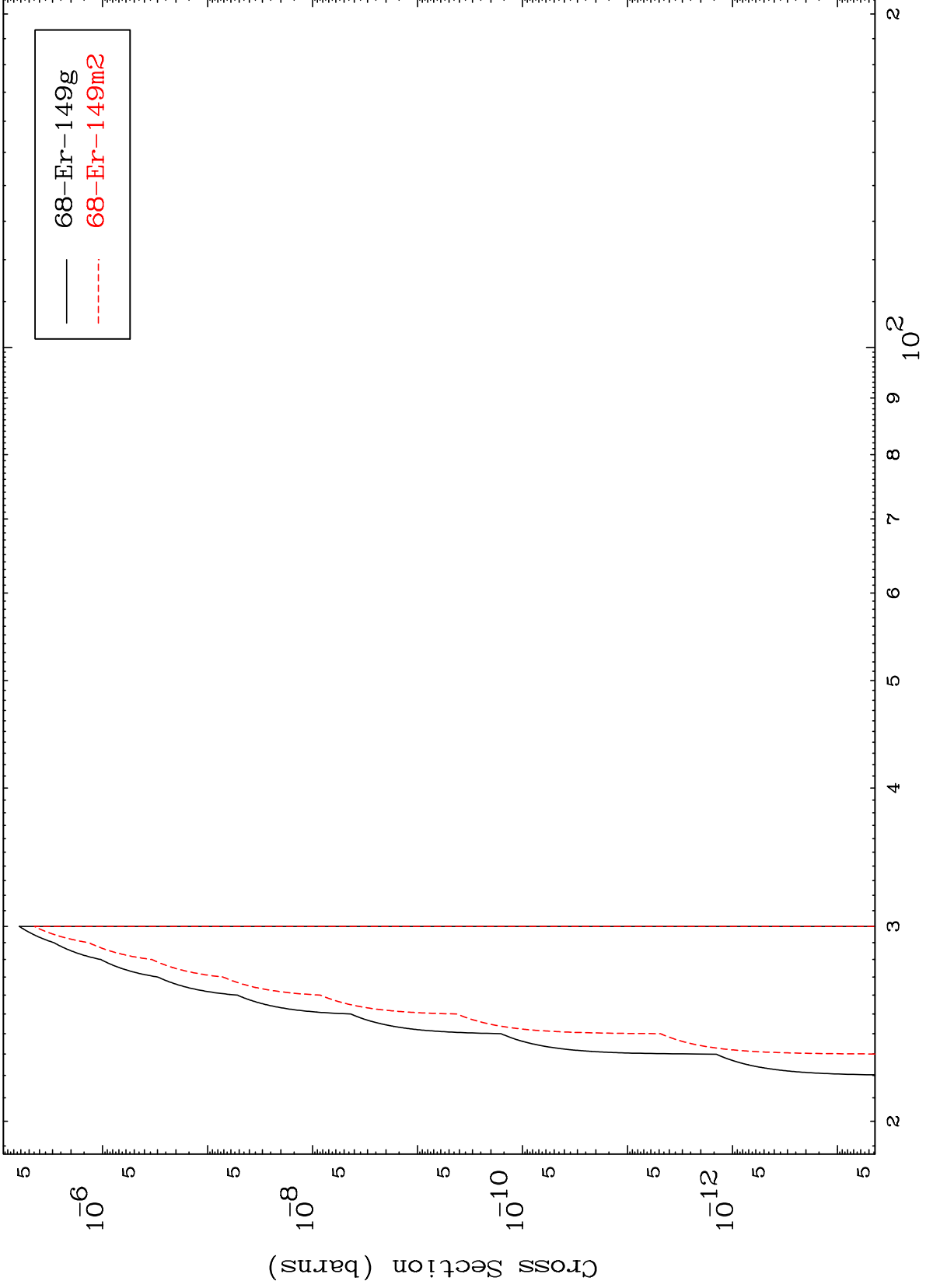
69-Tm-152g
69-Tm-152m2

MAT 6874

(n,2n) d

69-Tm-152

Radionuclide Production Cross Section



31

Incident Energy (MeV)

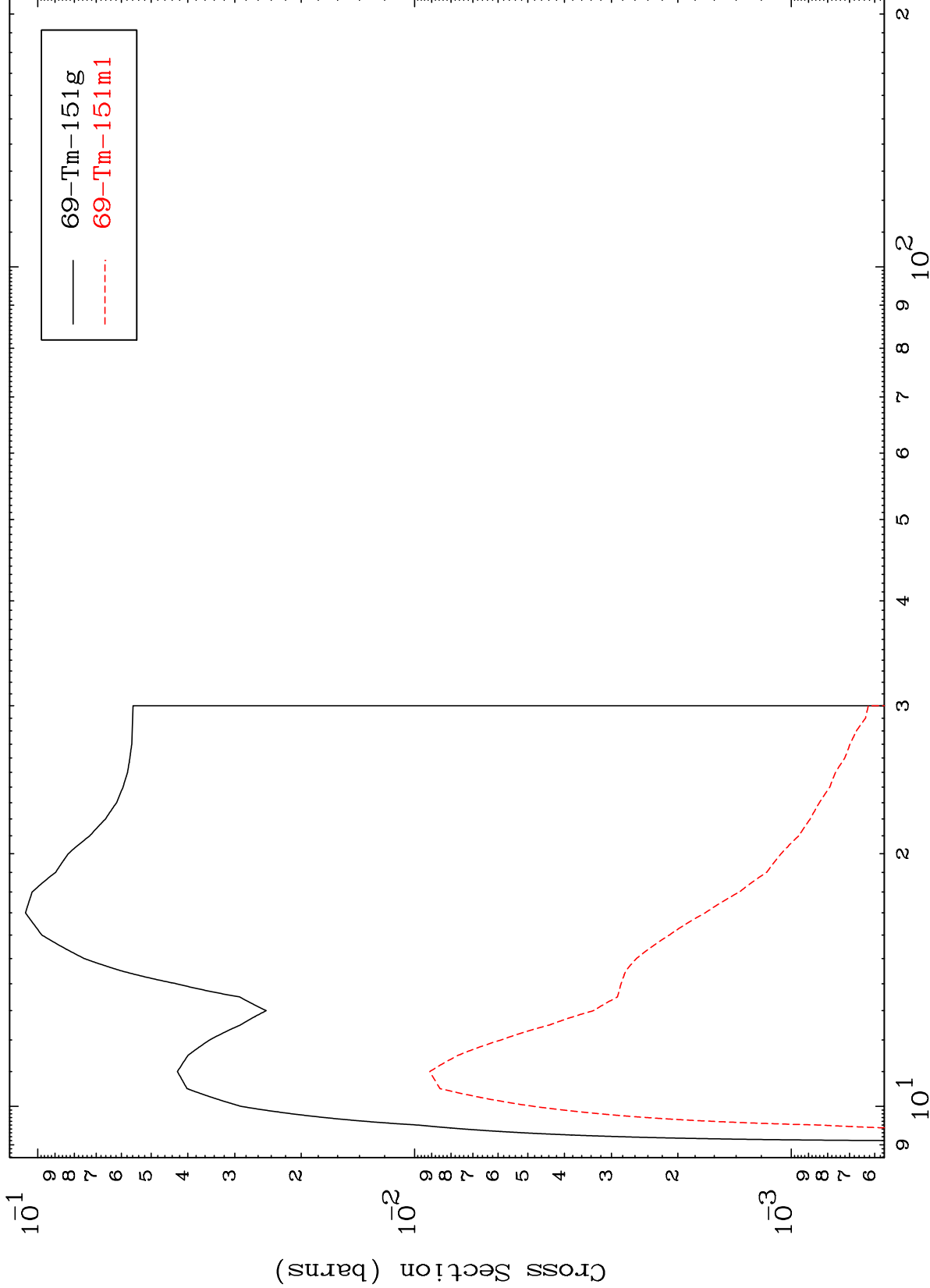
69-Tm-152

MAT 6874

(n,2n)

69-Tm-152

Radionuclide Production Cross Section



69-Tm-151g
69-Tm-151m1

32

Incident Energy (MeV)

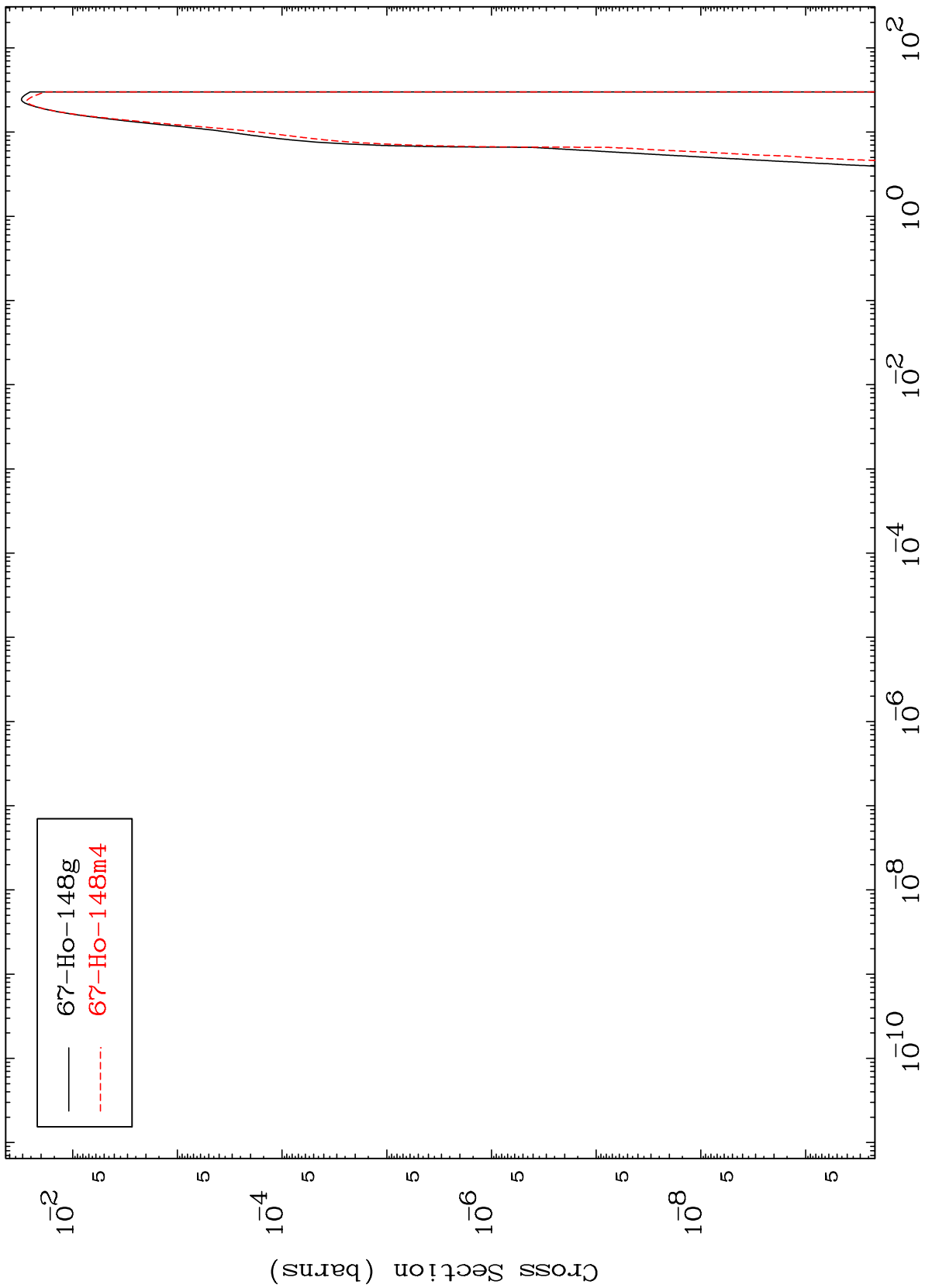
69-Tm-152

MAT 6874

$(n, n') \alpha$

69-Tm-152

Radionuclide Production Cross Section

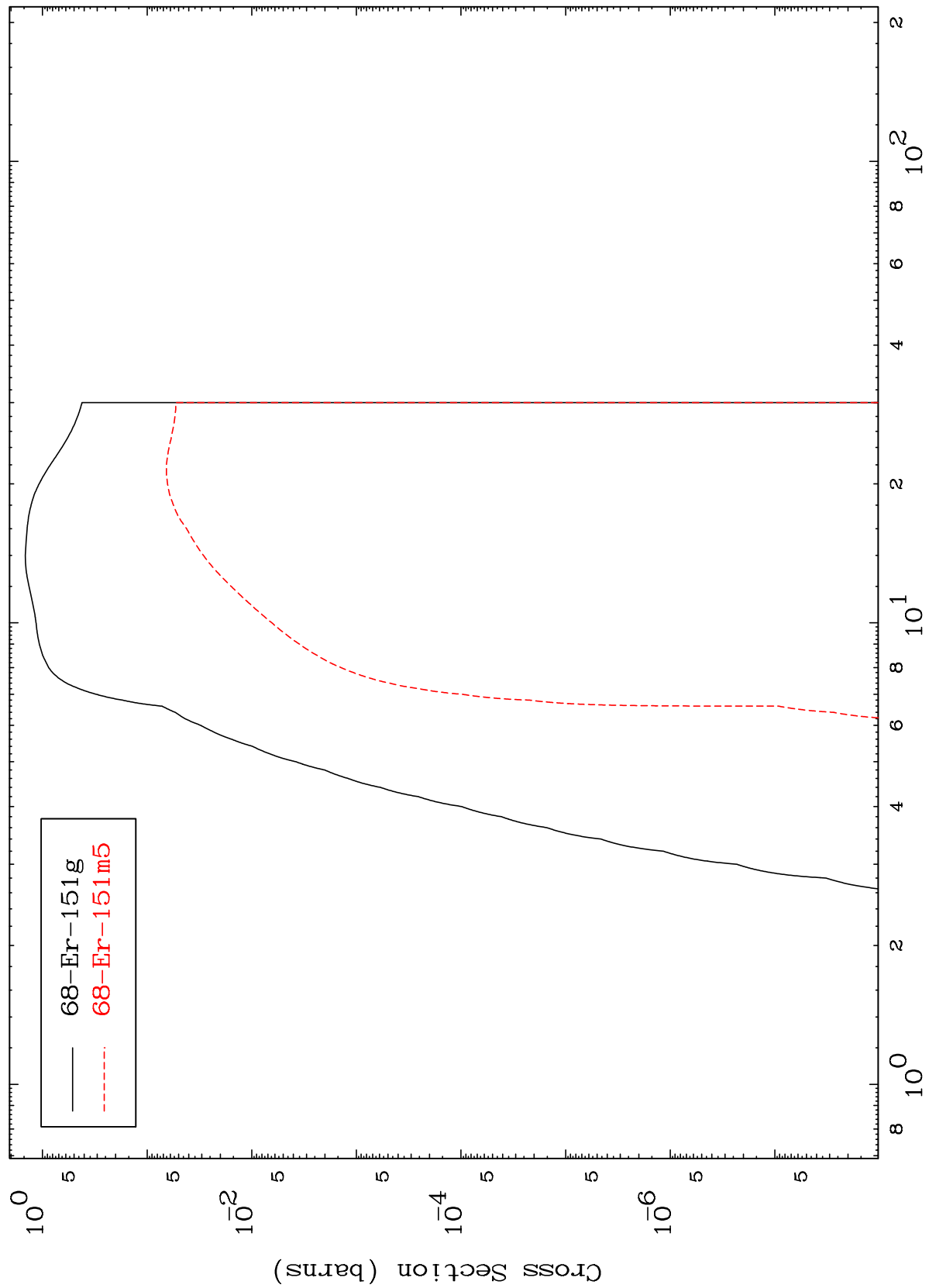


MAT 6874

(n,n') p

69-Tm-152

Radionuclide Production Cross Section



68-Er-151g
68-Er-151m5

34

Incident Energy (MeV)

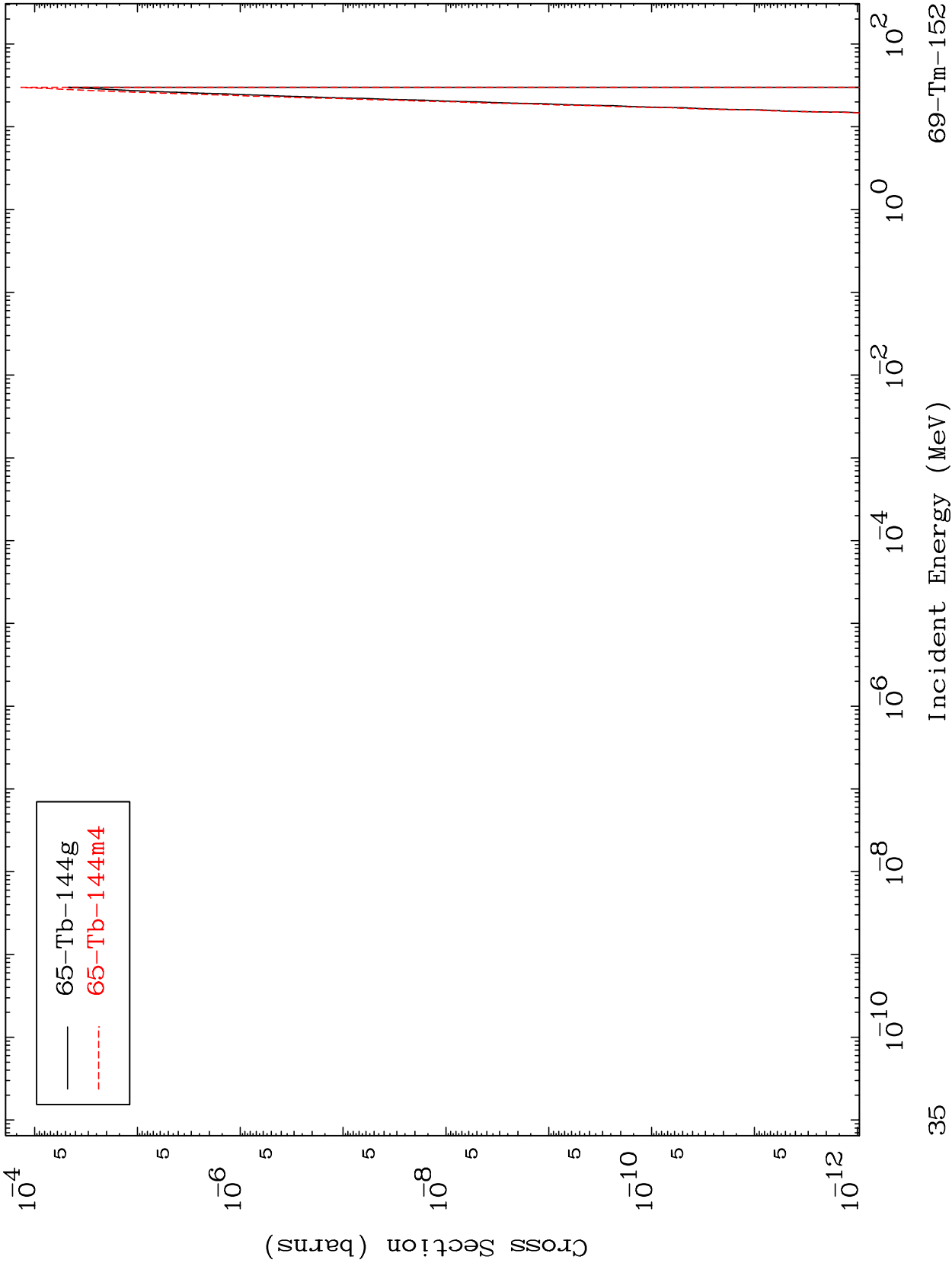
69-Tm-152

MAT 6874

(n,n') 2α

69-Tm-152

Radionuclide Production Cross Section



35

Incident Energy (MeV)

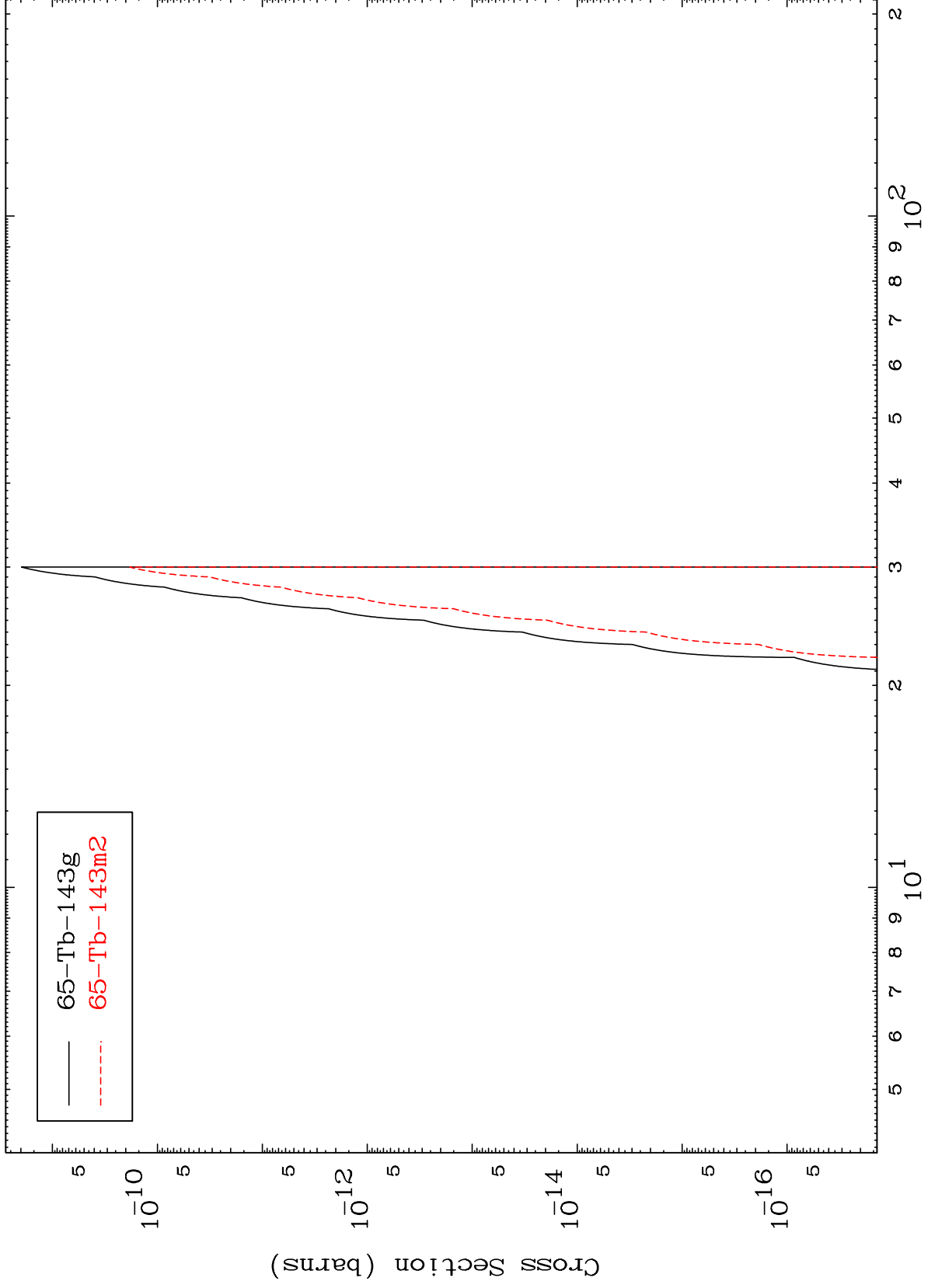
69-Tm-152

MAT 6874

$^{69}\text{Tm-152}$

$(n,2n) 2\alpha$

Radionuclide Production Cross Section



36

Incident Energy (MeV)

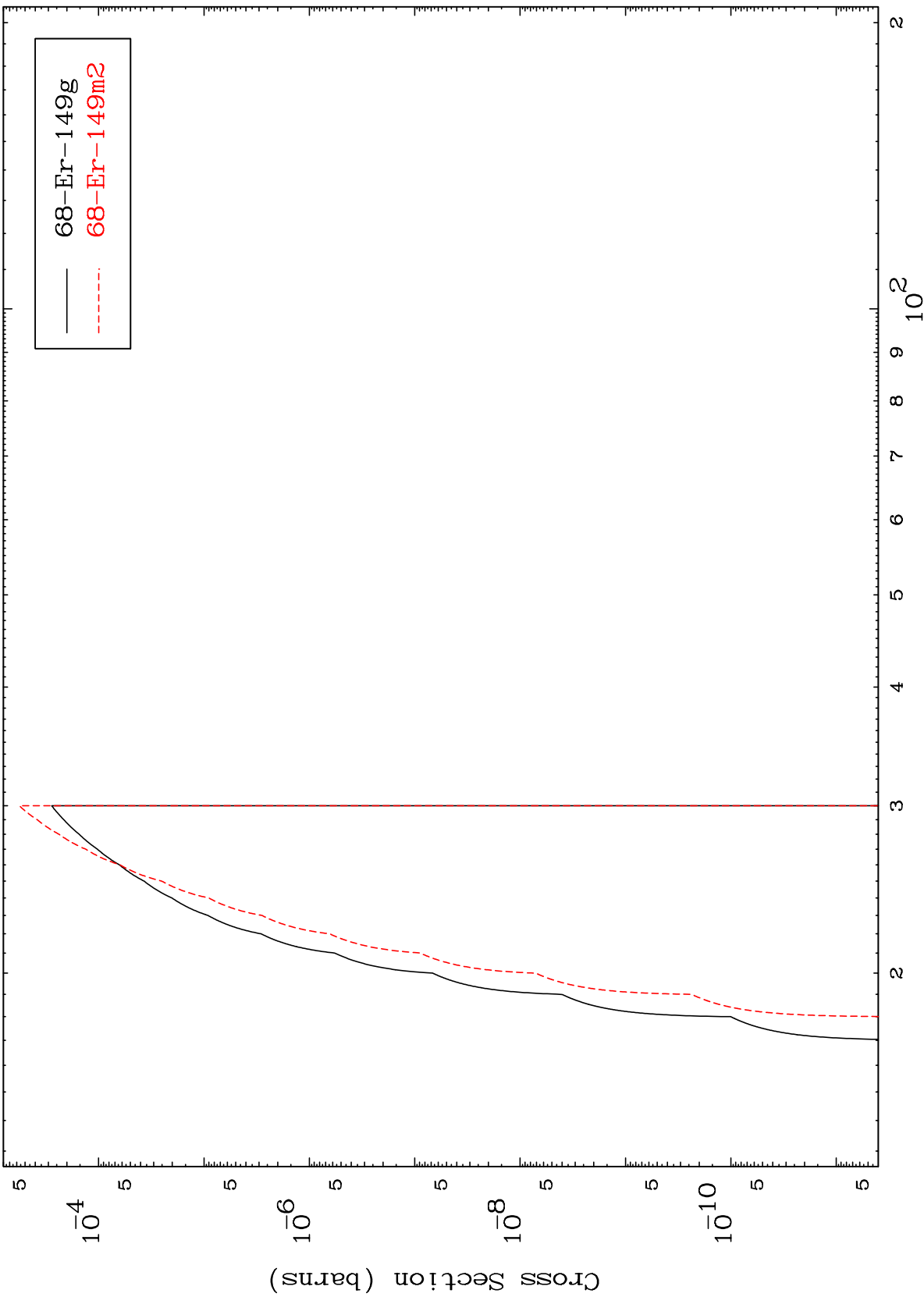
$^{69}\text{Tm-152}$

MAT 6874

(n,n') t

69-Tm-152

Radionuclide Production Cross Section



37

Incident Energy (MeV)

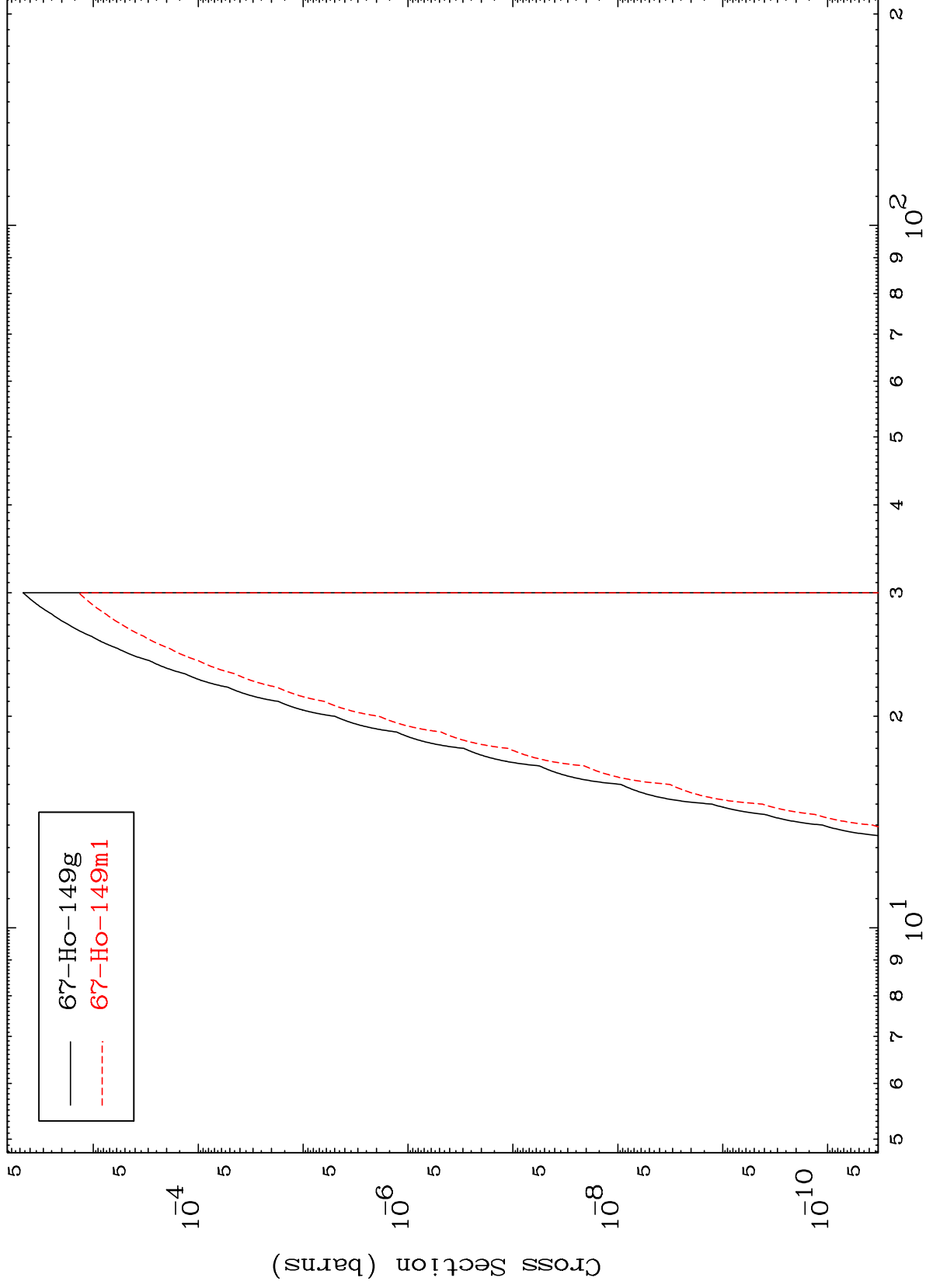
69-Tm-152

MAT 6874

(n,n') He-3

69-Tm-152

Radionuclide Production Cross Section



38

Incident Energy (MeV)

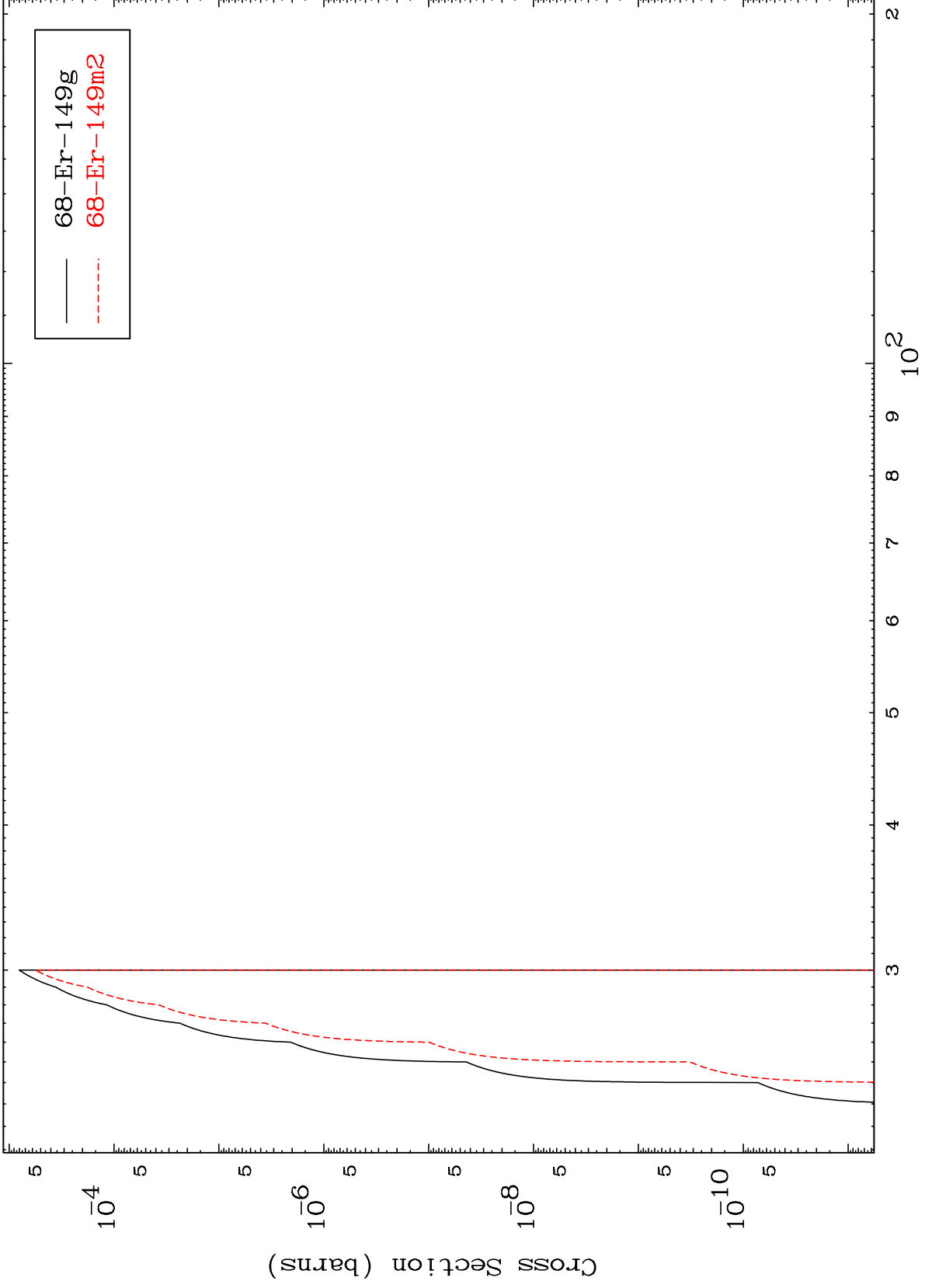
69-Tm-152

MAT 6874

(n,3n) p

69-Tm-152

Radionuclide Production Cross Section



39

Incident Energy (MeV)

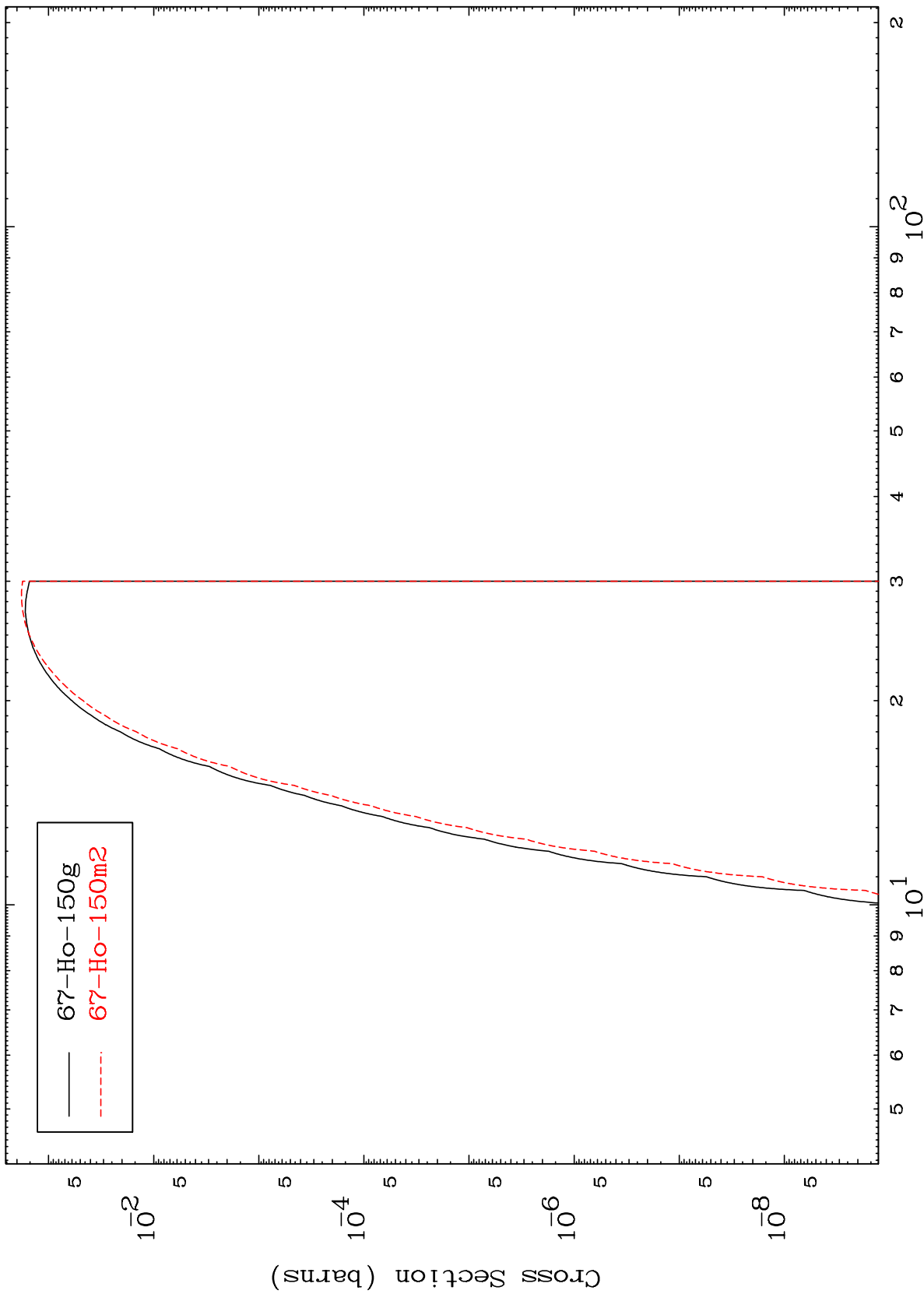
69-Tm-152

MAT 6874

(n,2n) p

69-Tm-152

Radionuclide Production Cross Section



40

Incident Energy (MeV)

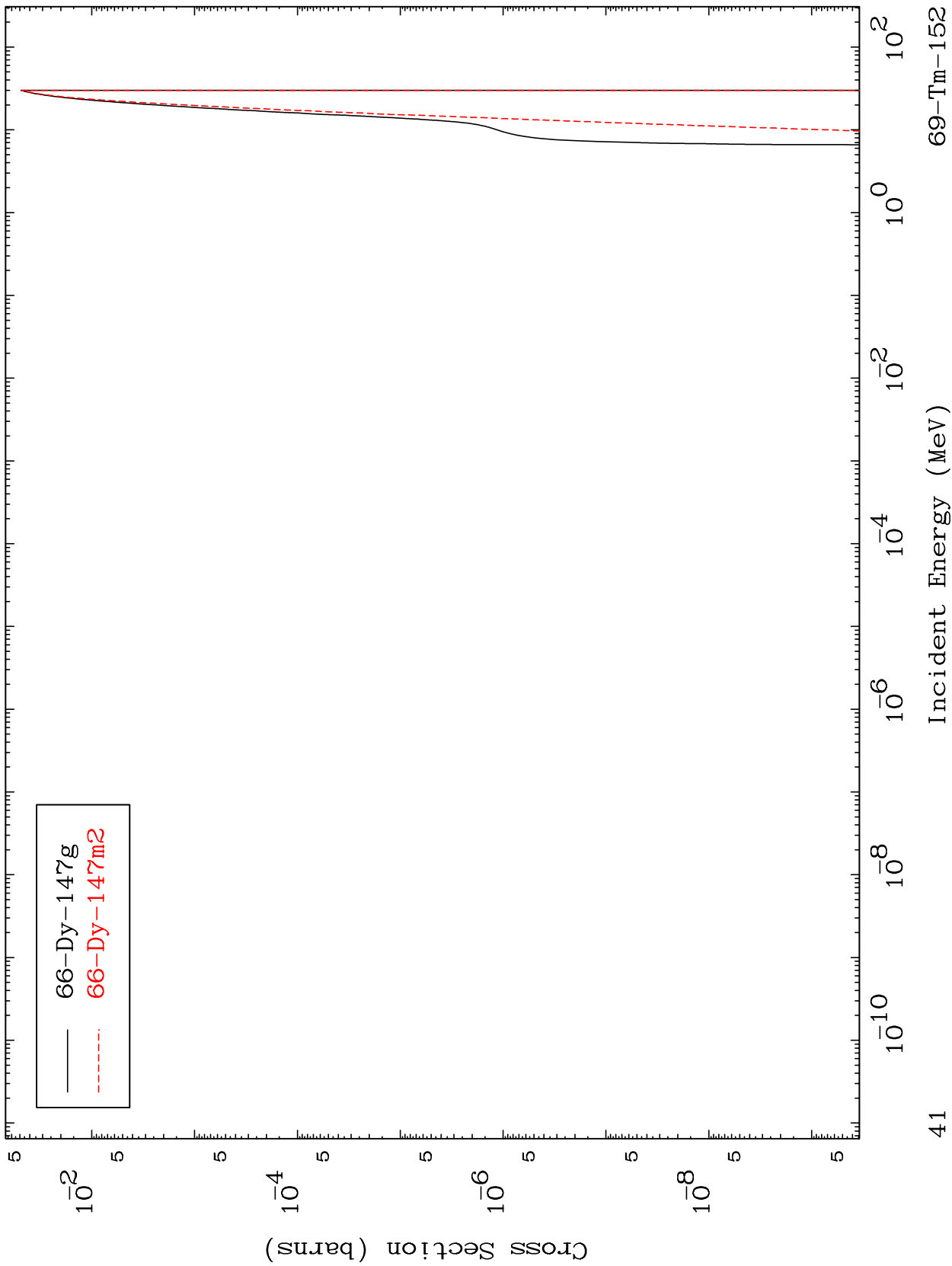
69-Tm-152

MAT 6874

(n,n') p α

69-Tm-152

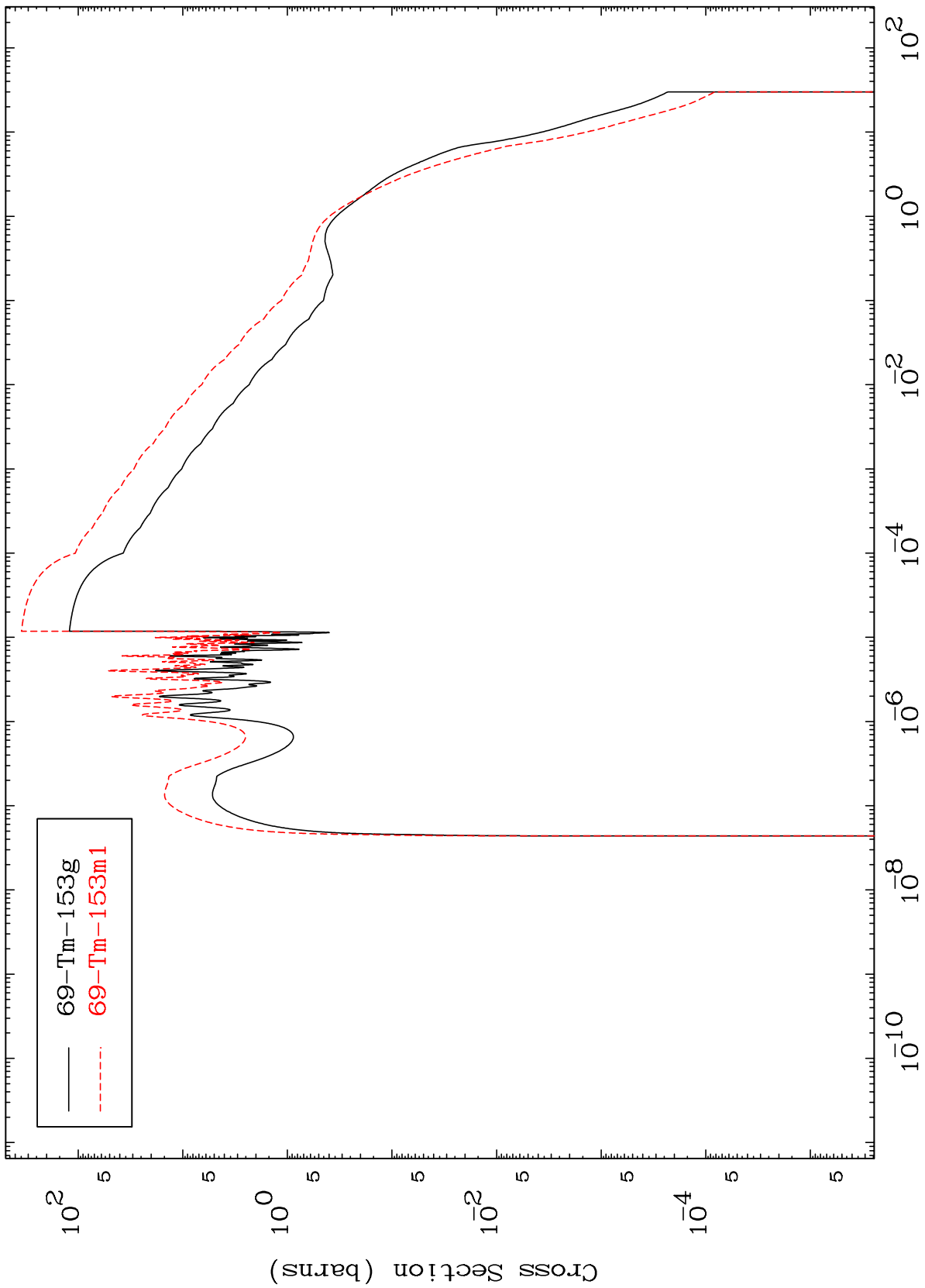
Radionuclide Production Cross Section



MAT 6874

69-Tm-152

Radionuclide Production Cross Section
(n, γ)

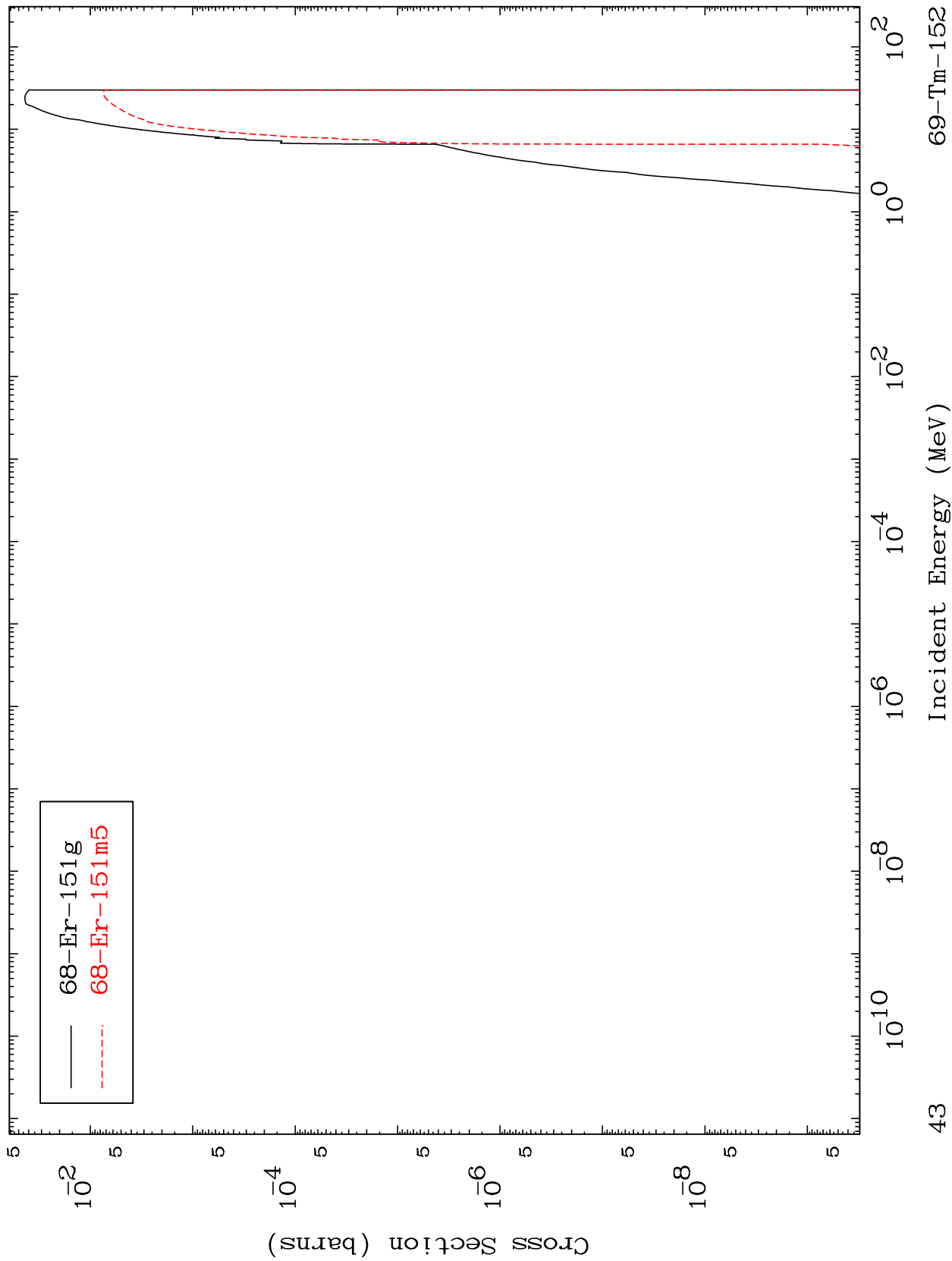


MAT 6874

(n,d)

69-Tm-152

Radionuclide Production Cross Section



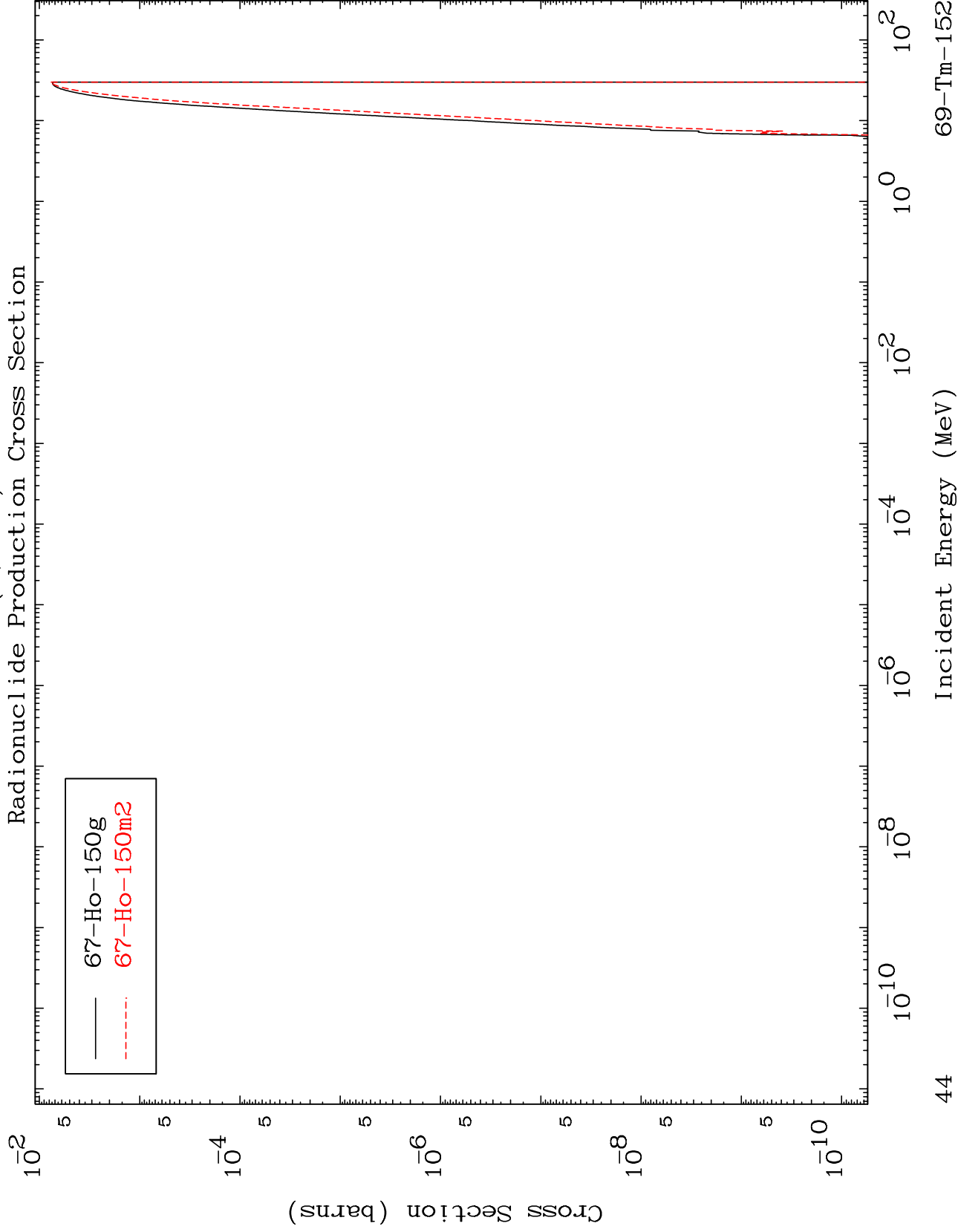
68-Er-151g
68-Er-151m5

MAT 6874

(n,He-3)

69-Tm-152

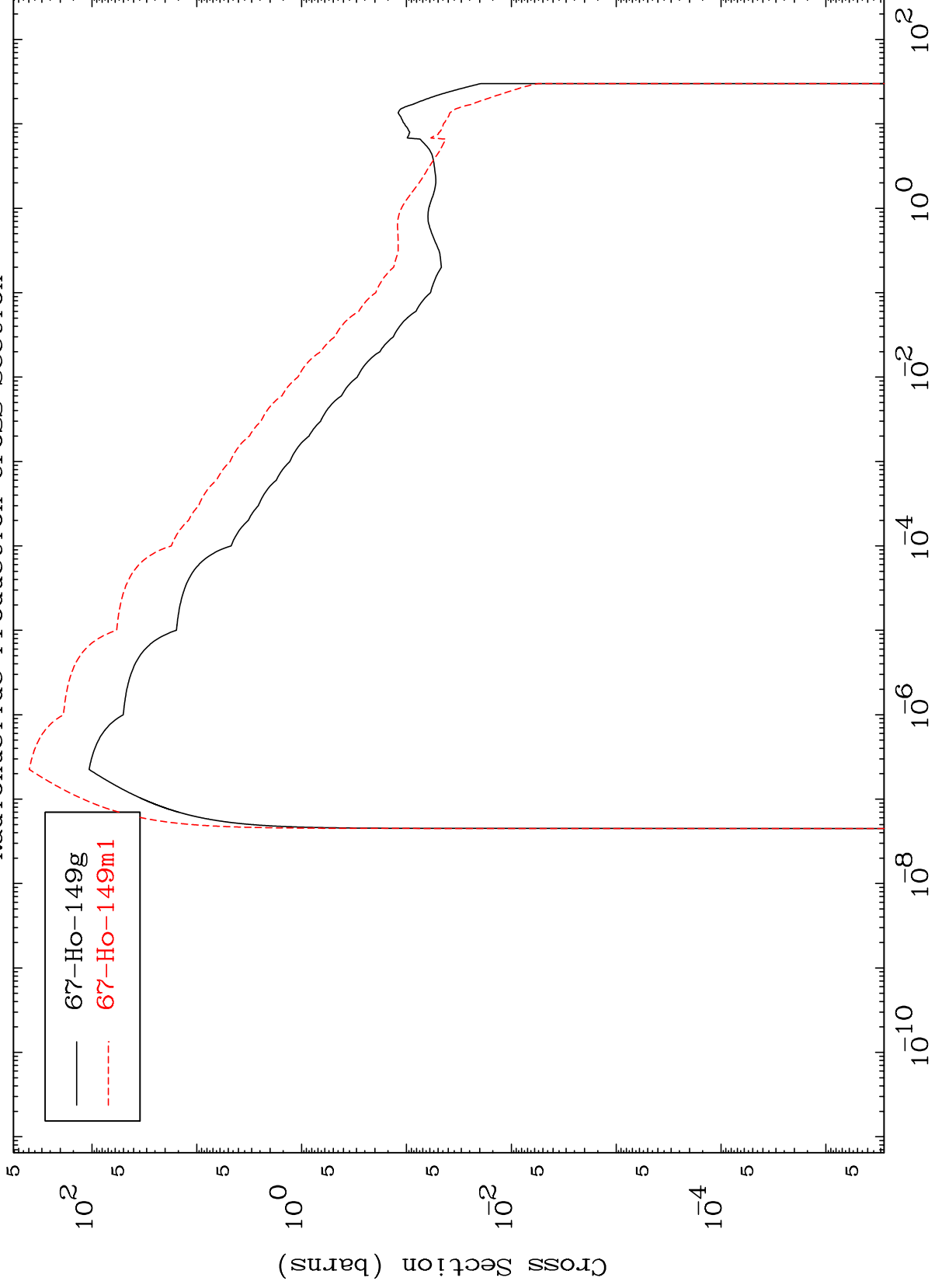
Radionuclide Production Cross Section



MAT 6874

69-Tm-152

Radionuclide Production Cross Section
(n, α)



45

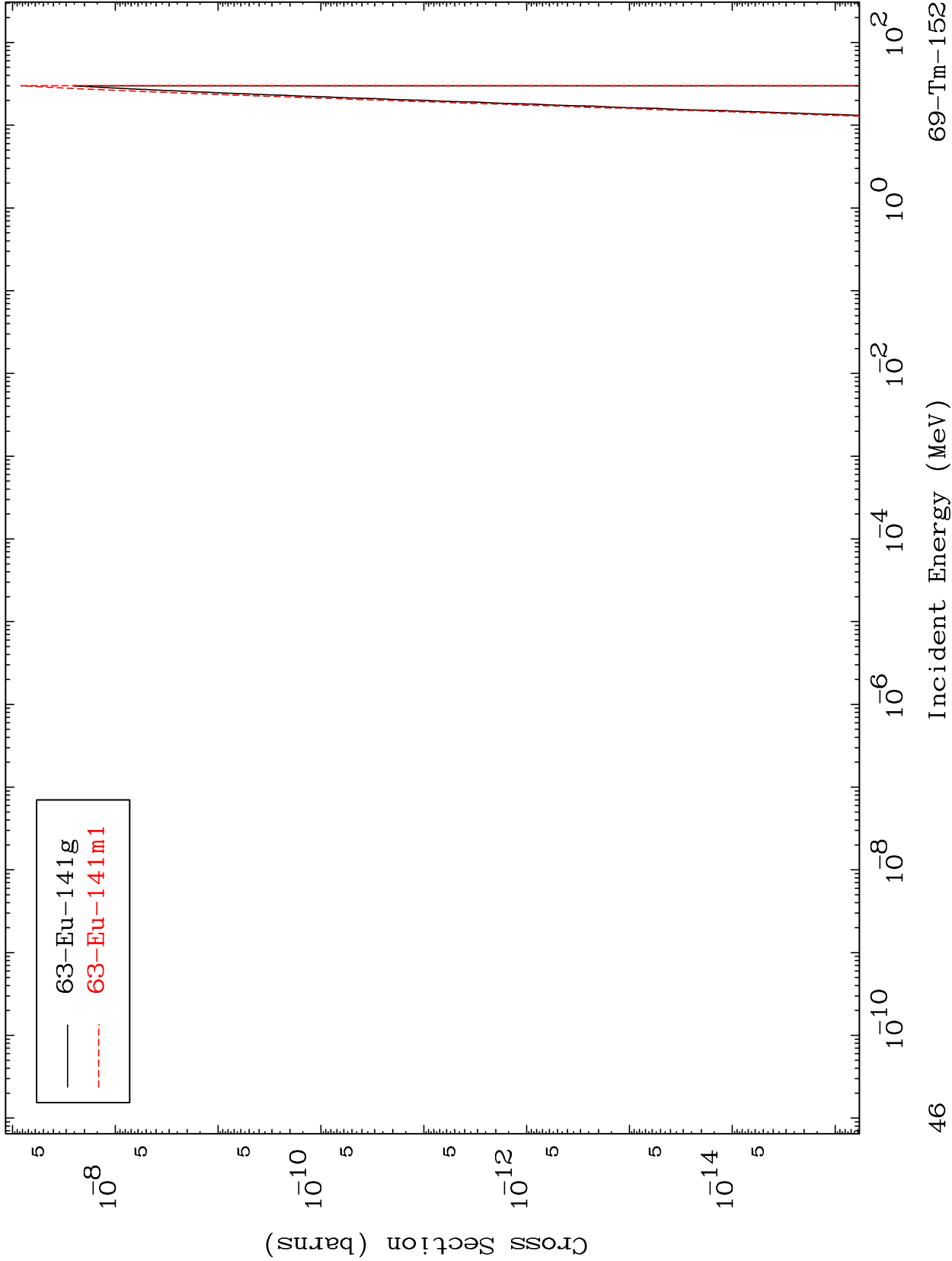
69-Tm-152

MAT 6874

(n, 3α)

69-Tm-152

Radionuclide Production Cross Section

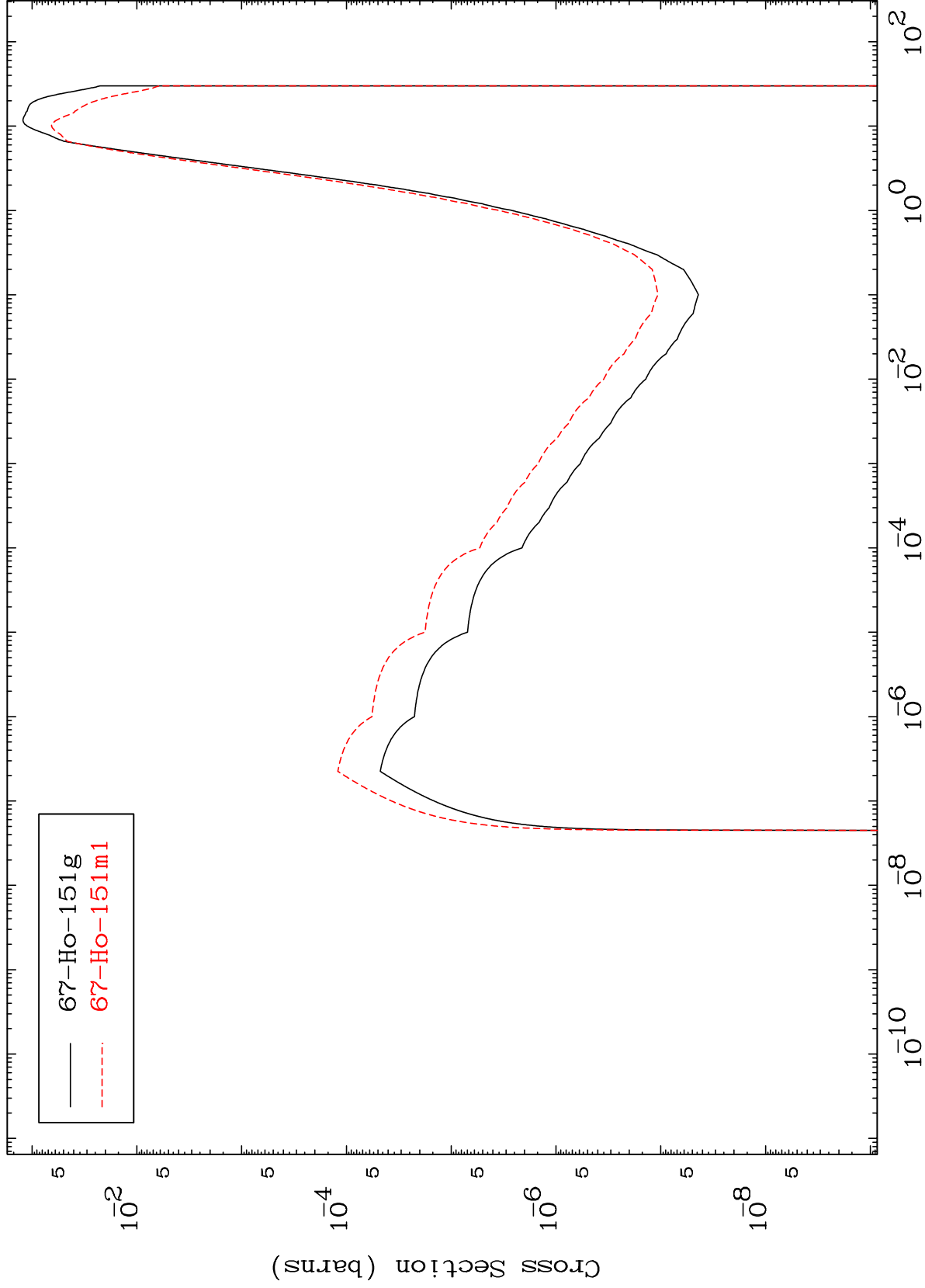


MAT 6874

(n,2p)

69-Tm-152

Radionuclide Production Cross Section



47

Incident Energy (MeV)

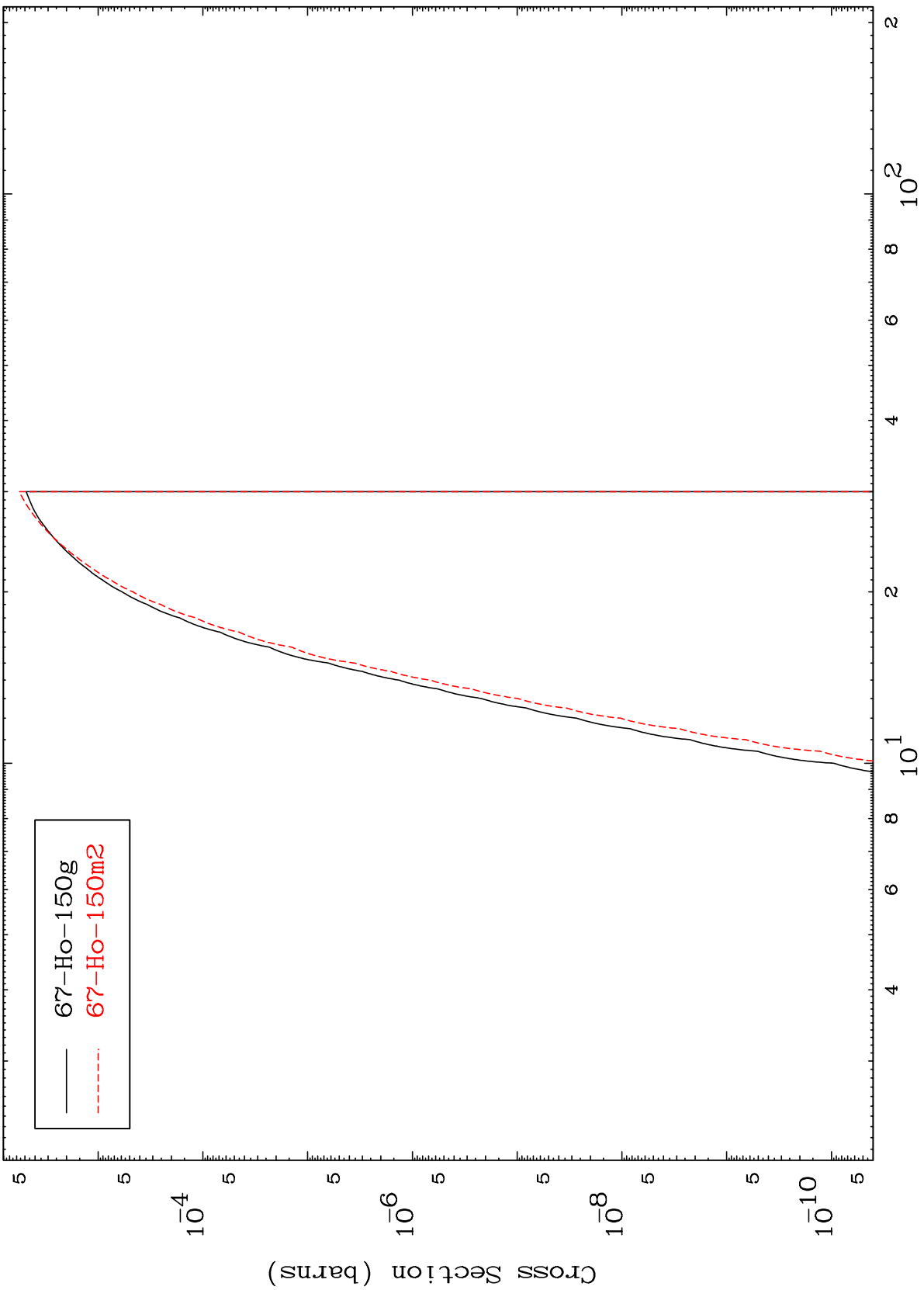
69-Tm-152

MAT 6874

(n,p) d

69-Tm-152

Radionuclide Production Cross Section



67-Ho-150g
67-Ho-150m2

48

Incident Energy (MeV)

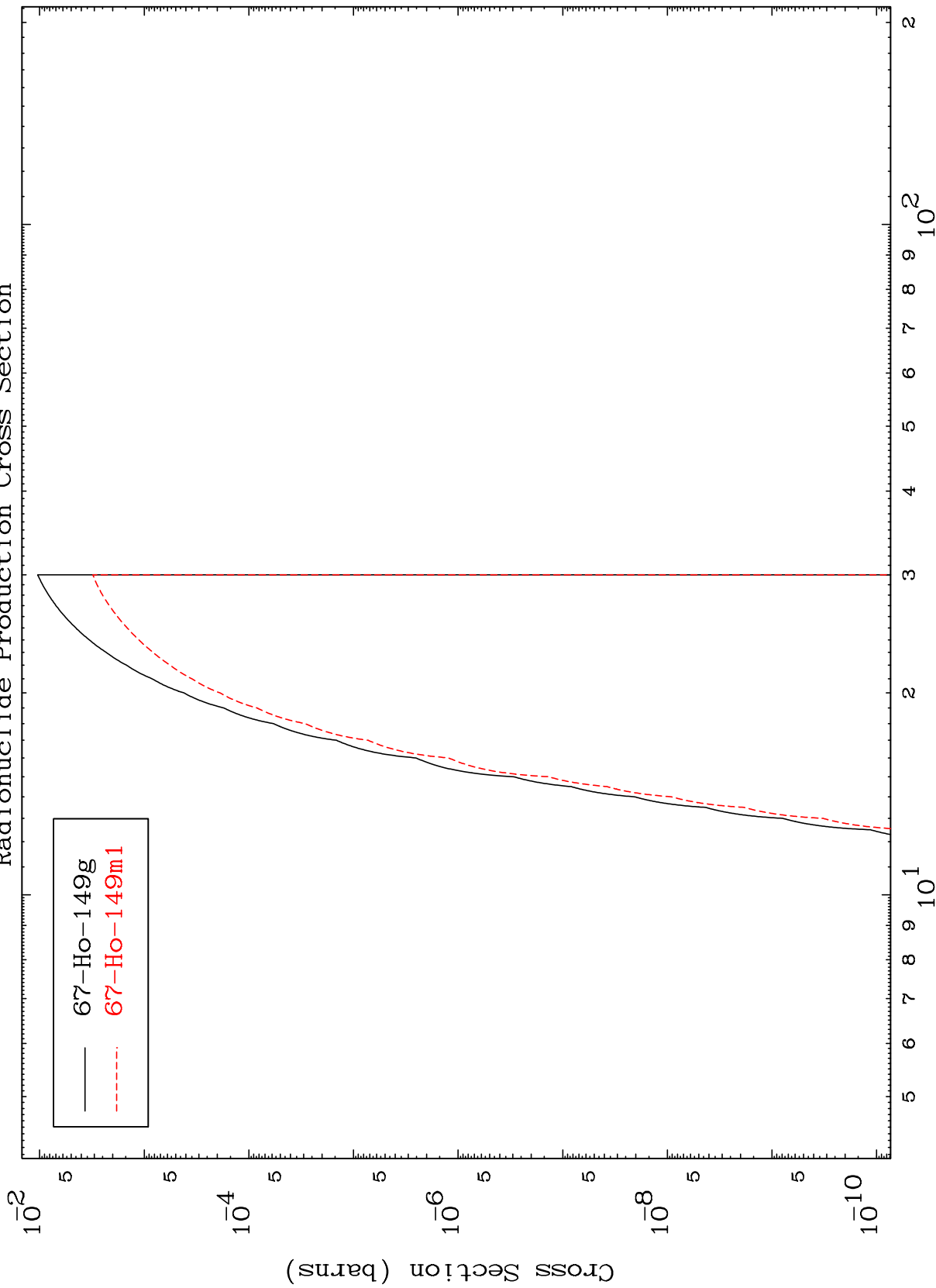
69-Tm-152

MAT 6874

(n,p) t

69-Tm-152

Radionuclide Production Cross Section



67-Ho-149g
67-Ho-149m1

49

Incident Energy (MeV)

69-Tm-152

