

Program EVALPLOT  
(Version 2018-1)

by

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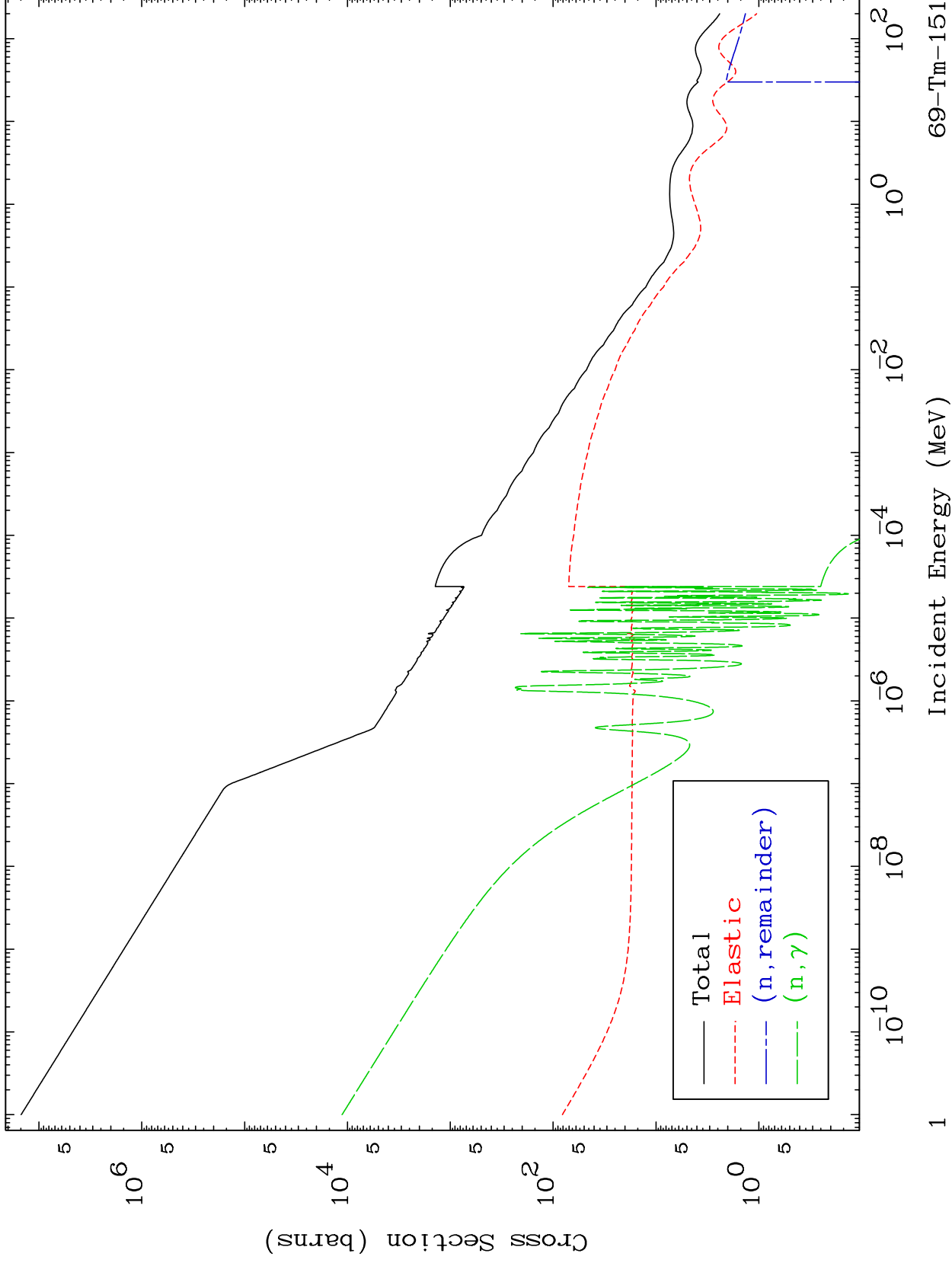
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6871

Major  
293 Kelvin Cross Sections

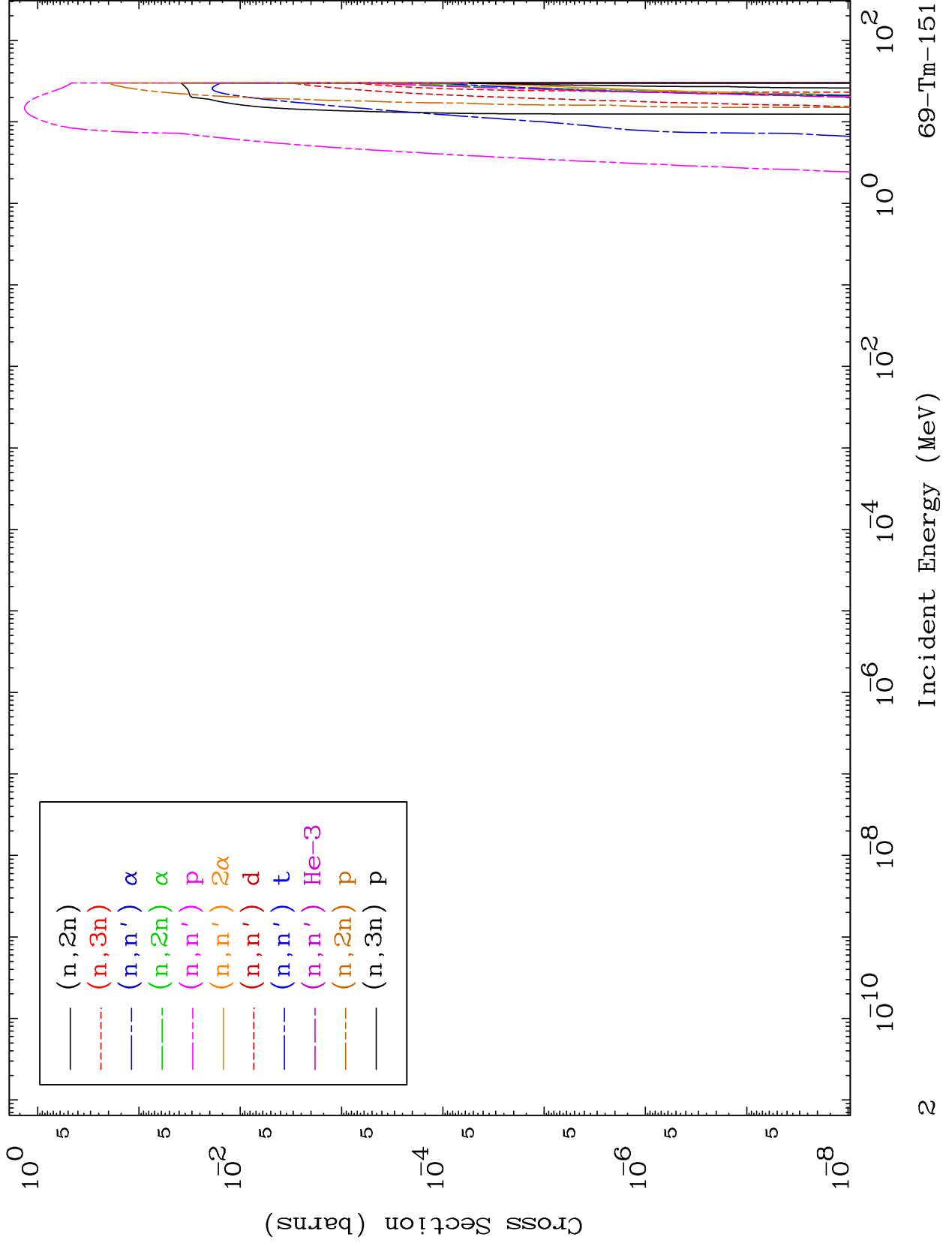
69-Tm-151

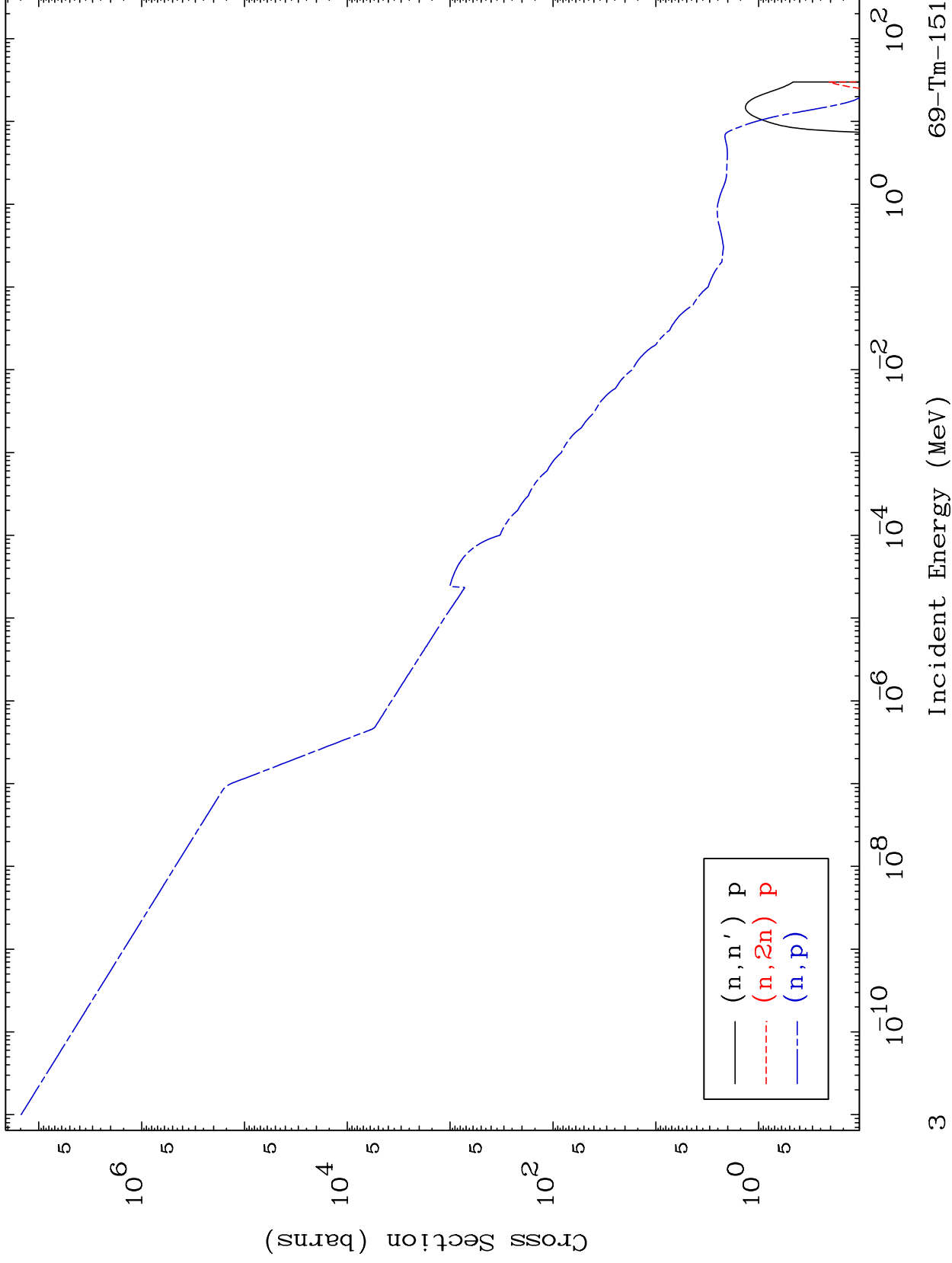


MAT 6871

Neutron Production  
293 Kelvin Cross Sections

69-Tm-151

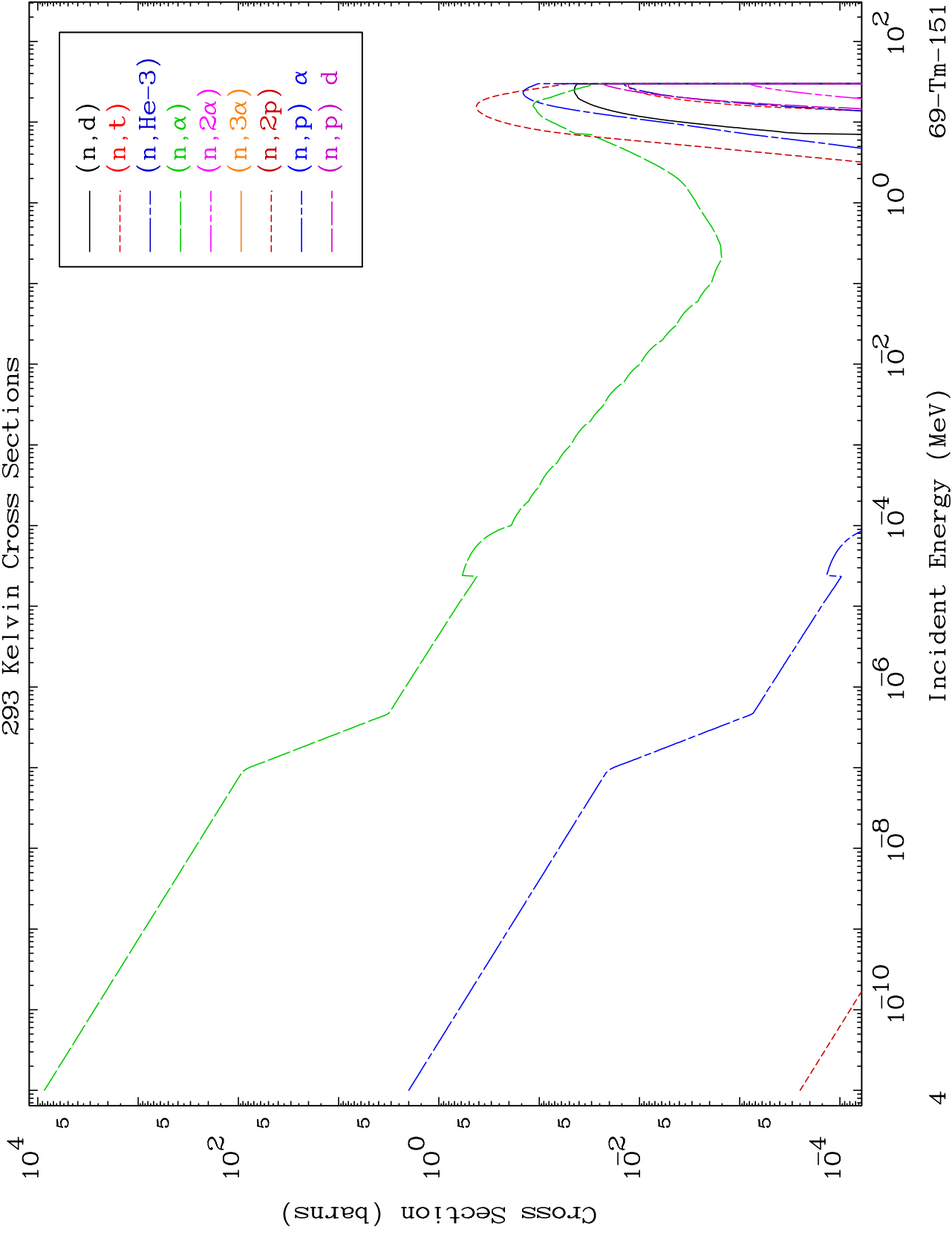




MAT 6871

Charged Particle  
293 Kelvin Cross Sections

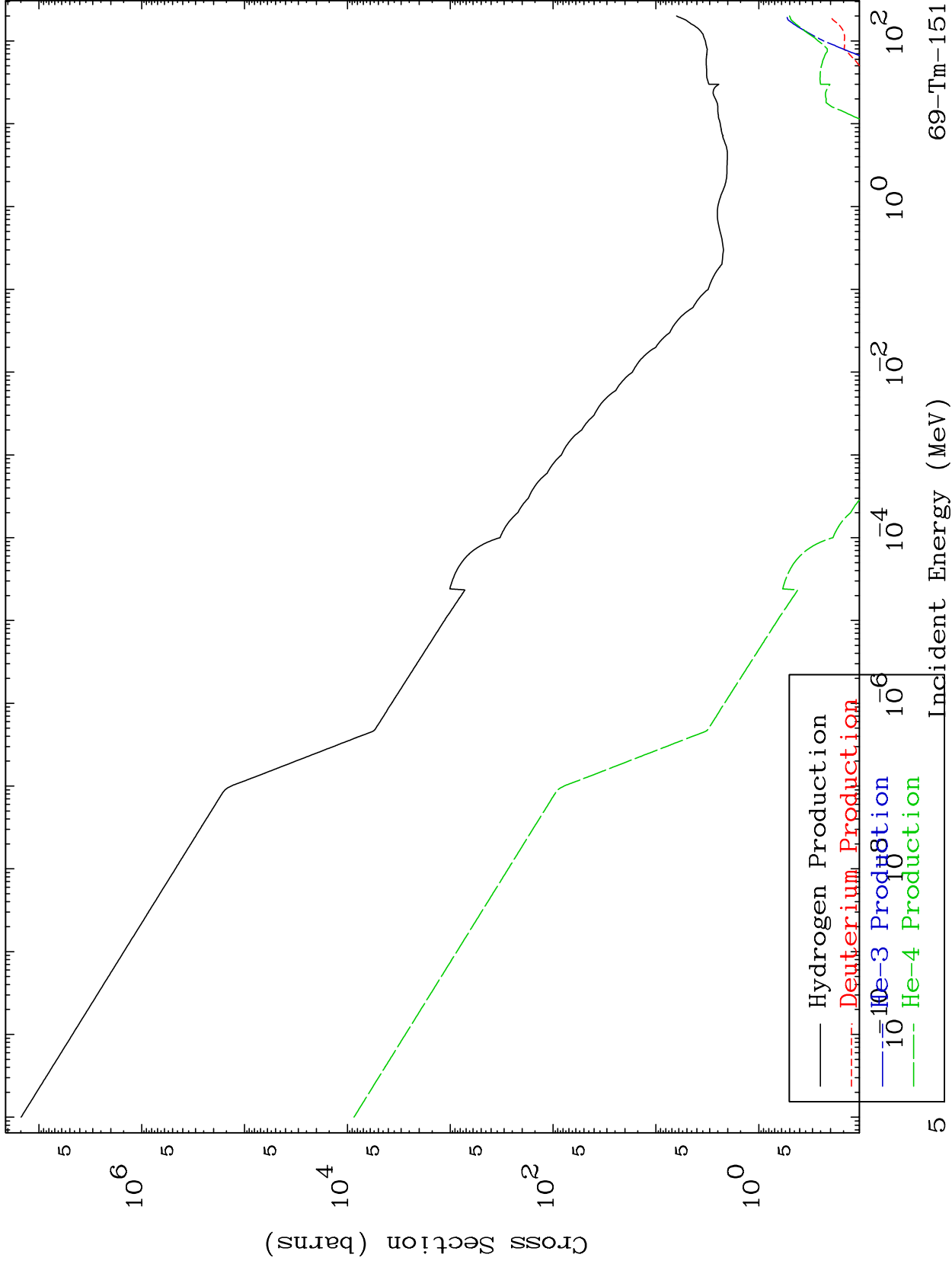
69-Tm-151



MAT 6871

Particle Production  
293 Kelvin Cross Sections

69-Tm-151



69-Tm-151

Incident Energy (MeV)

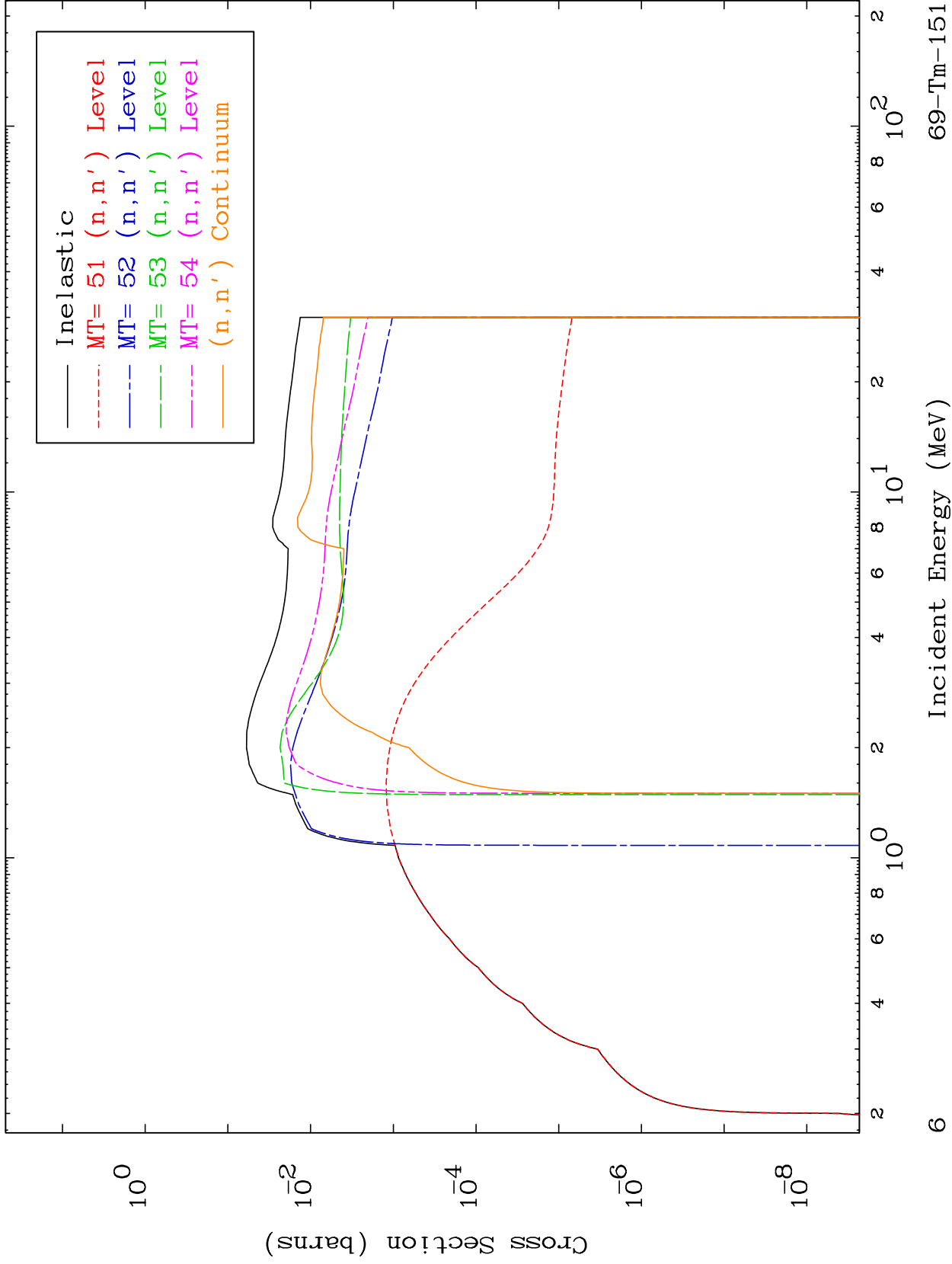
5

MAT 6871

(n,n') Level

69-Tm-151

293 Kelvin Cross Sections



6

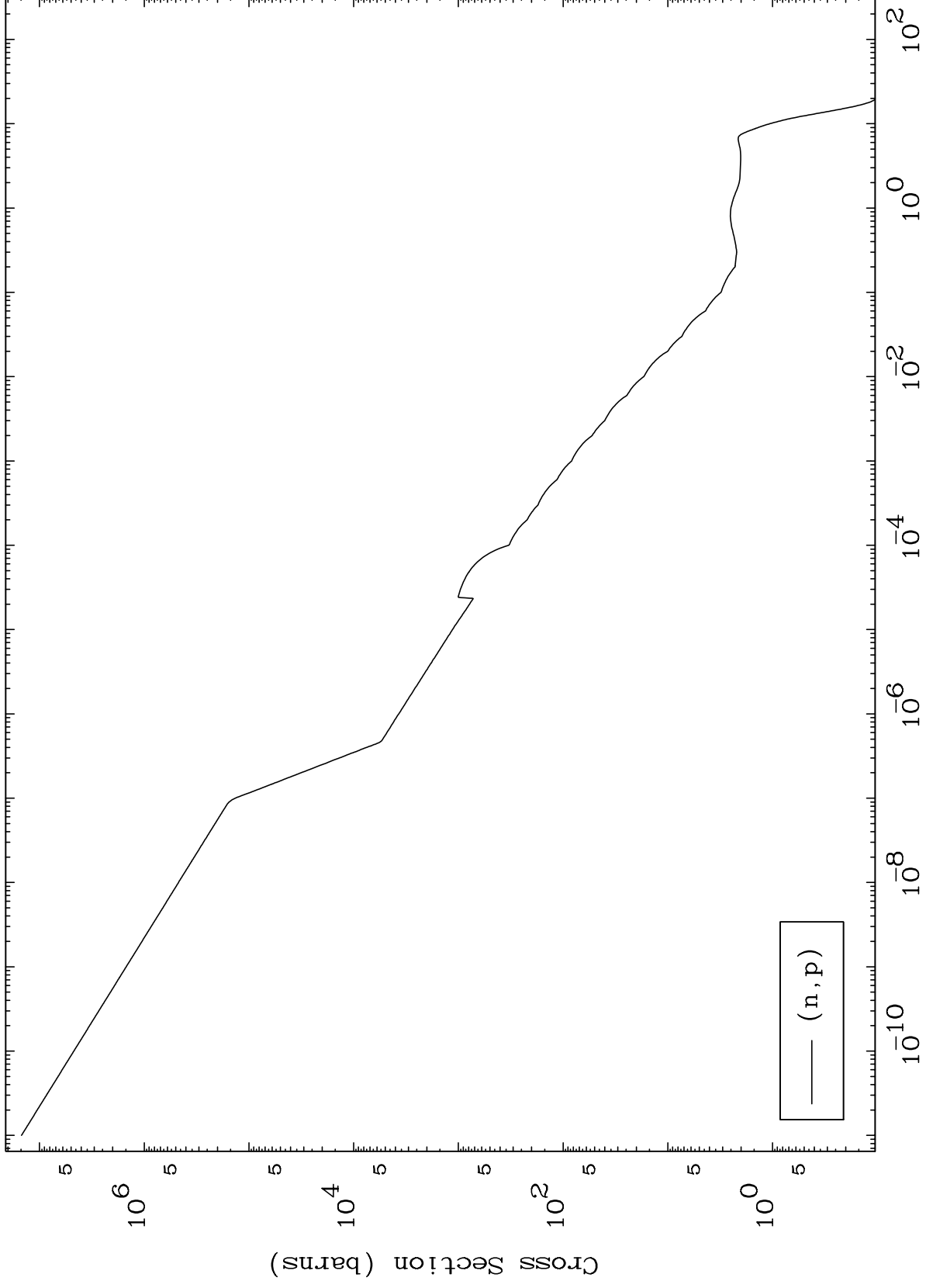
Incident Energy (MeV)

69-Tm-151

MAT 6871

(n,p) Levels  
293 Kelvin Cross Sections

69-Tm-151



(n,p)

69-Tm-151

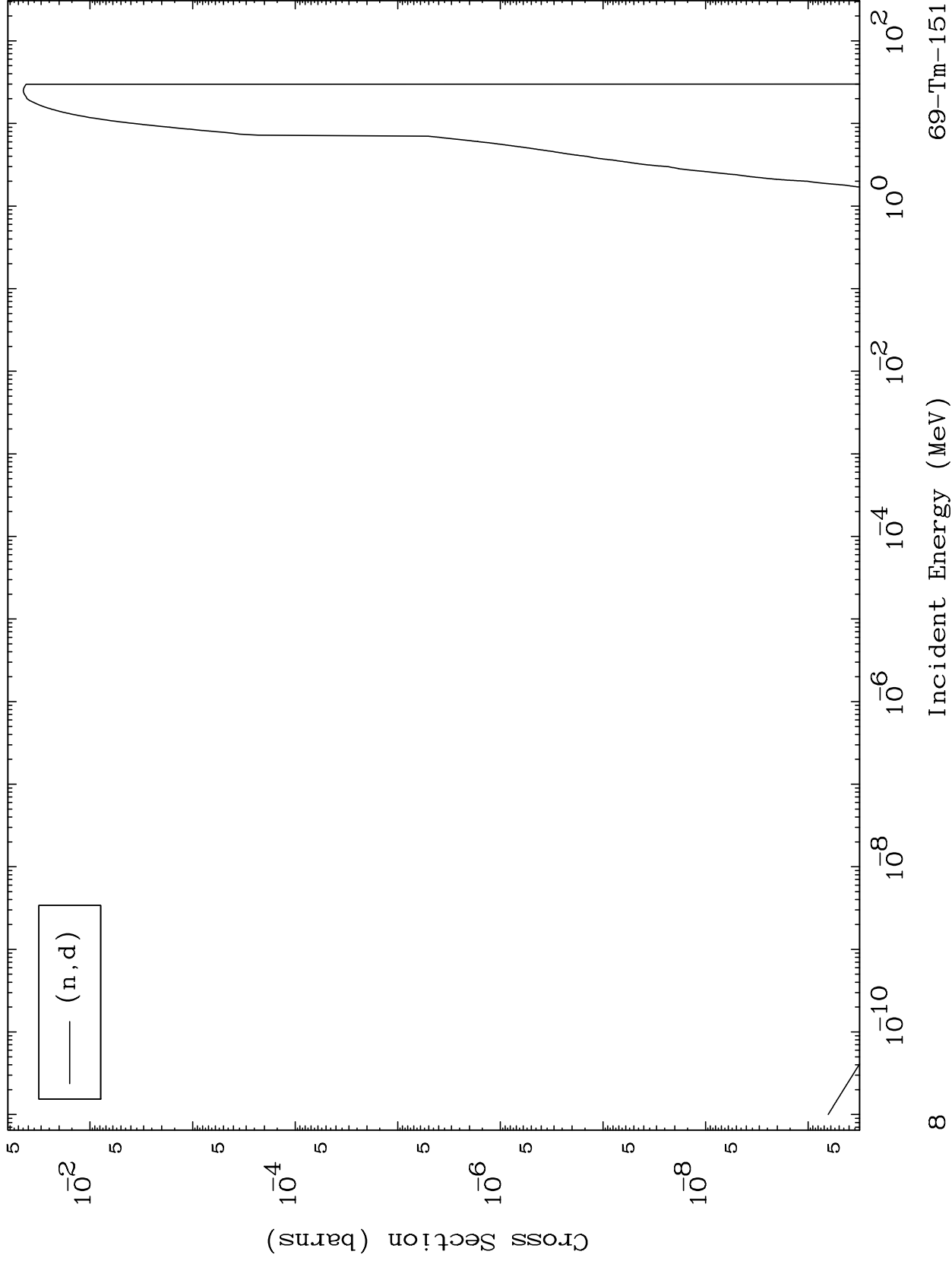
Incident Energy (MeV)



MAT 6871

(n,d) Levels  
293 Kelvin Cross Sections

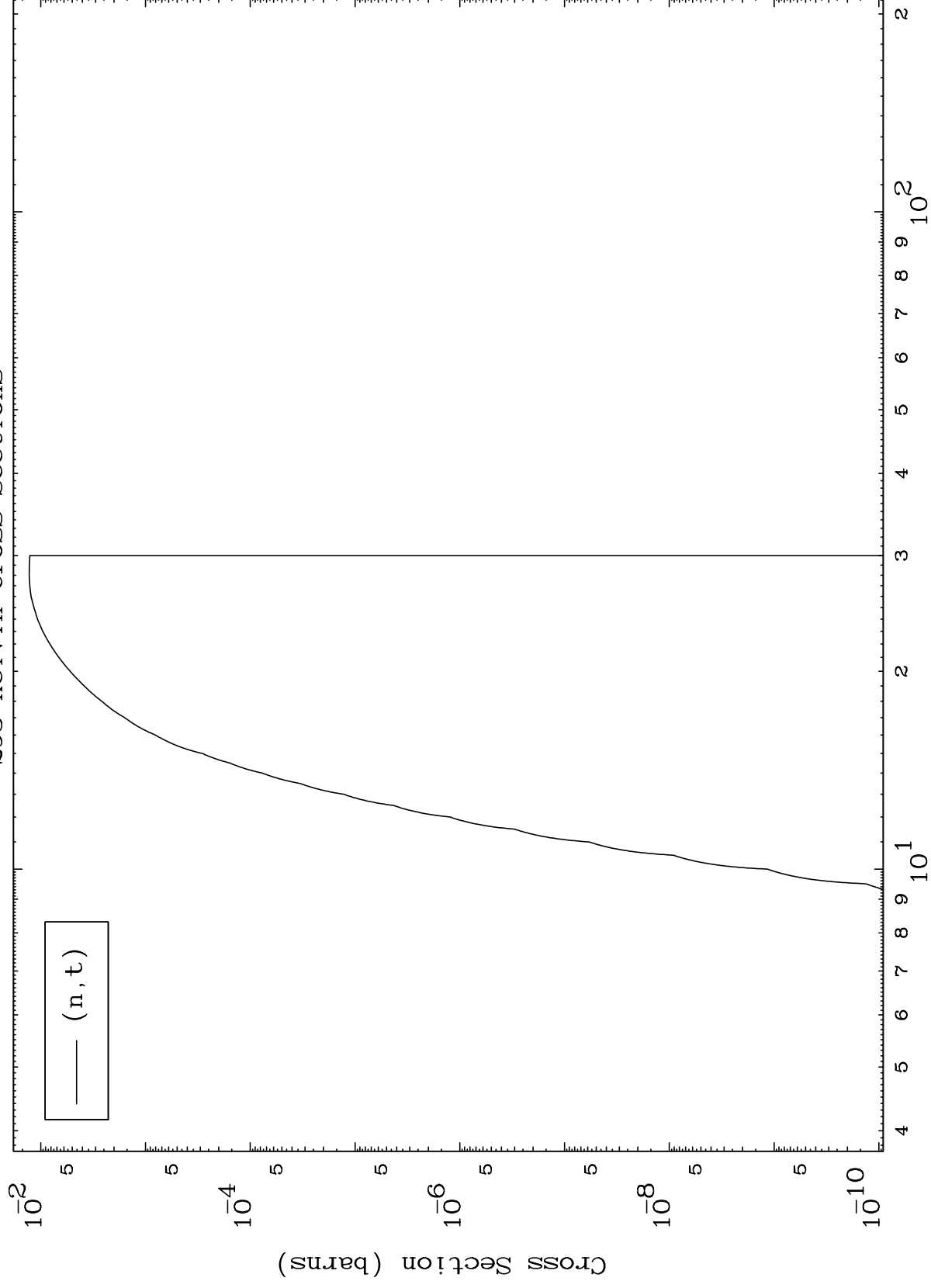
69-Tm-151



MAT 6871

(n,t) Levels  
293 Kelvin Cross Sections

69-Tm-151



9

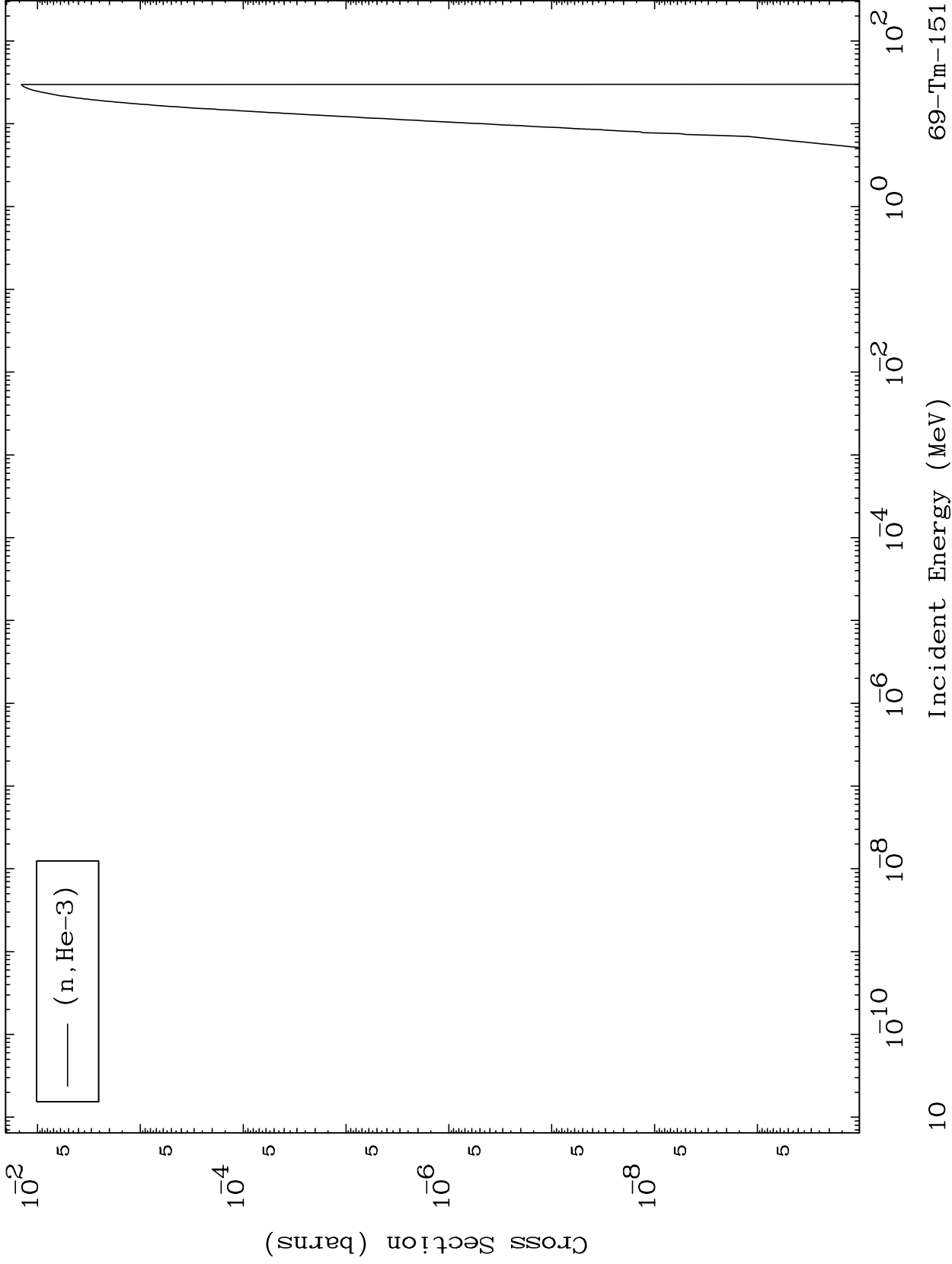
Incident Energy (MeV)

69-Tm-151

MAT 6871

(n,He3) Levels  
293 Kelvin Cross Sections

69-Tm-151



10

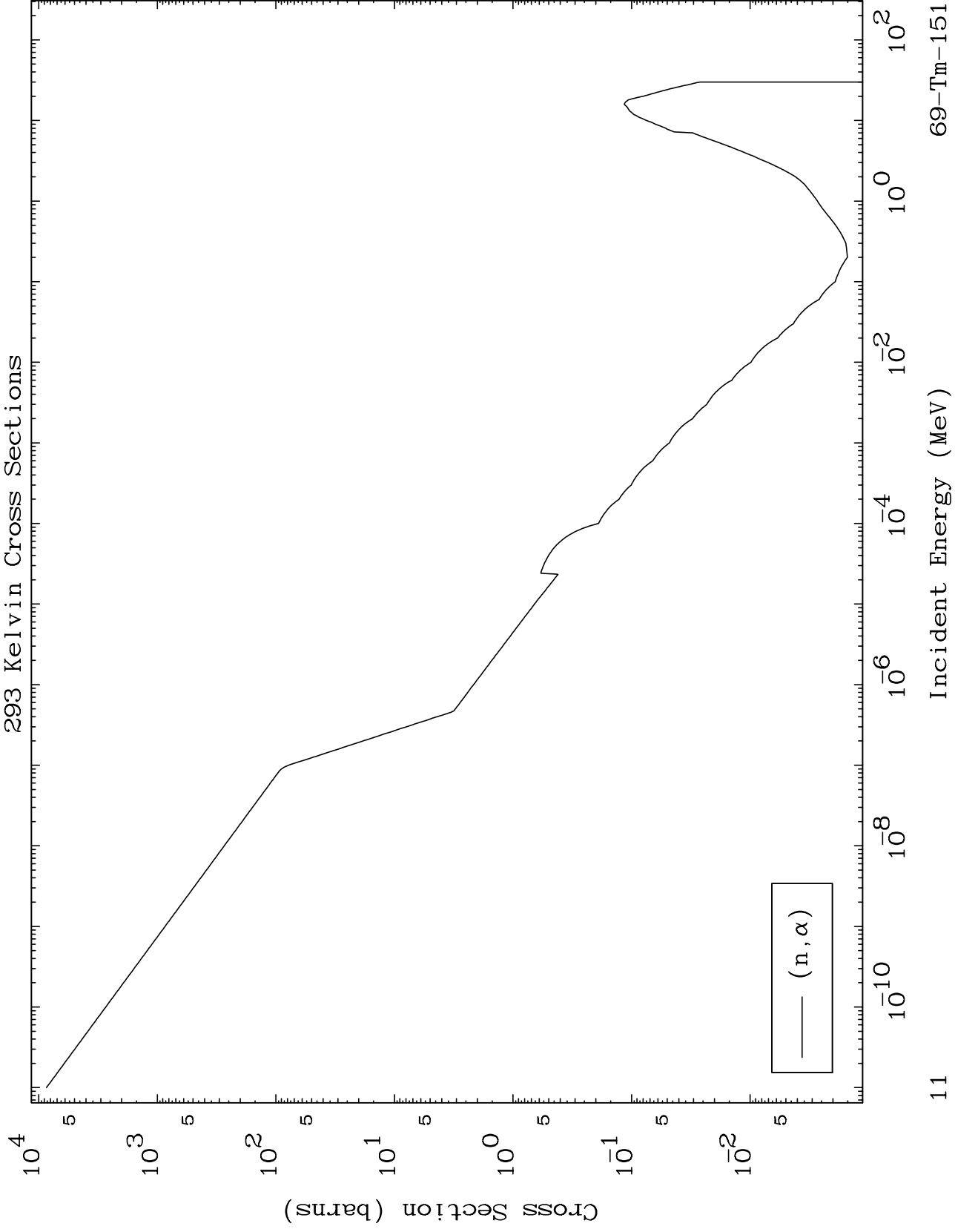
Incident Energy (MeV)

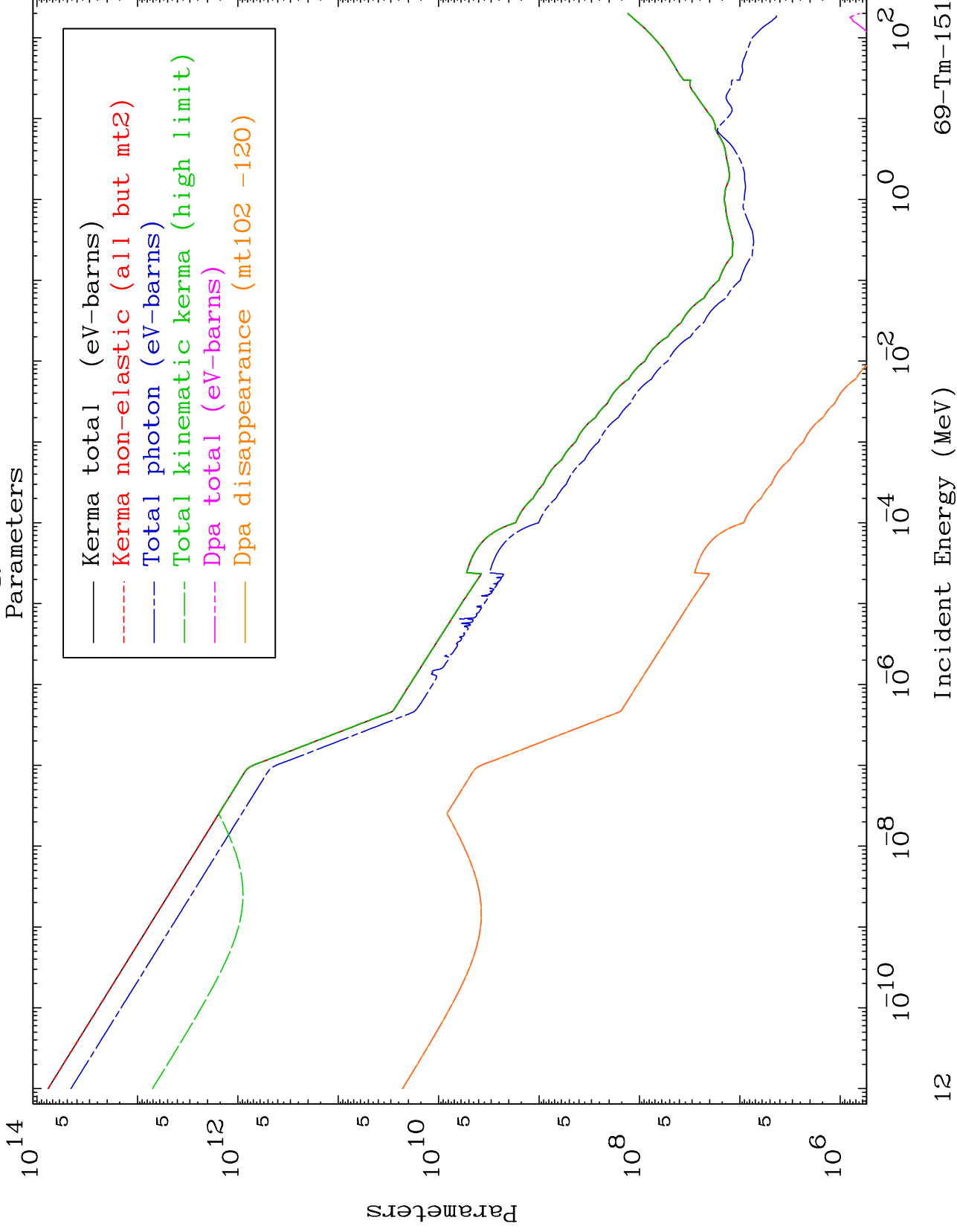
69-Tm-151

MAT 6871

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

69-Tm-151

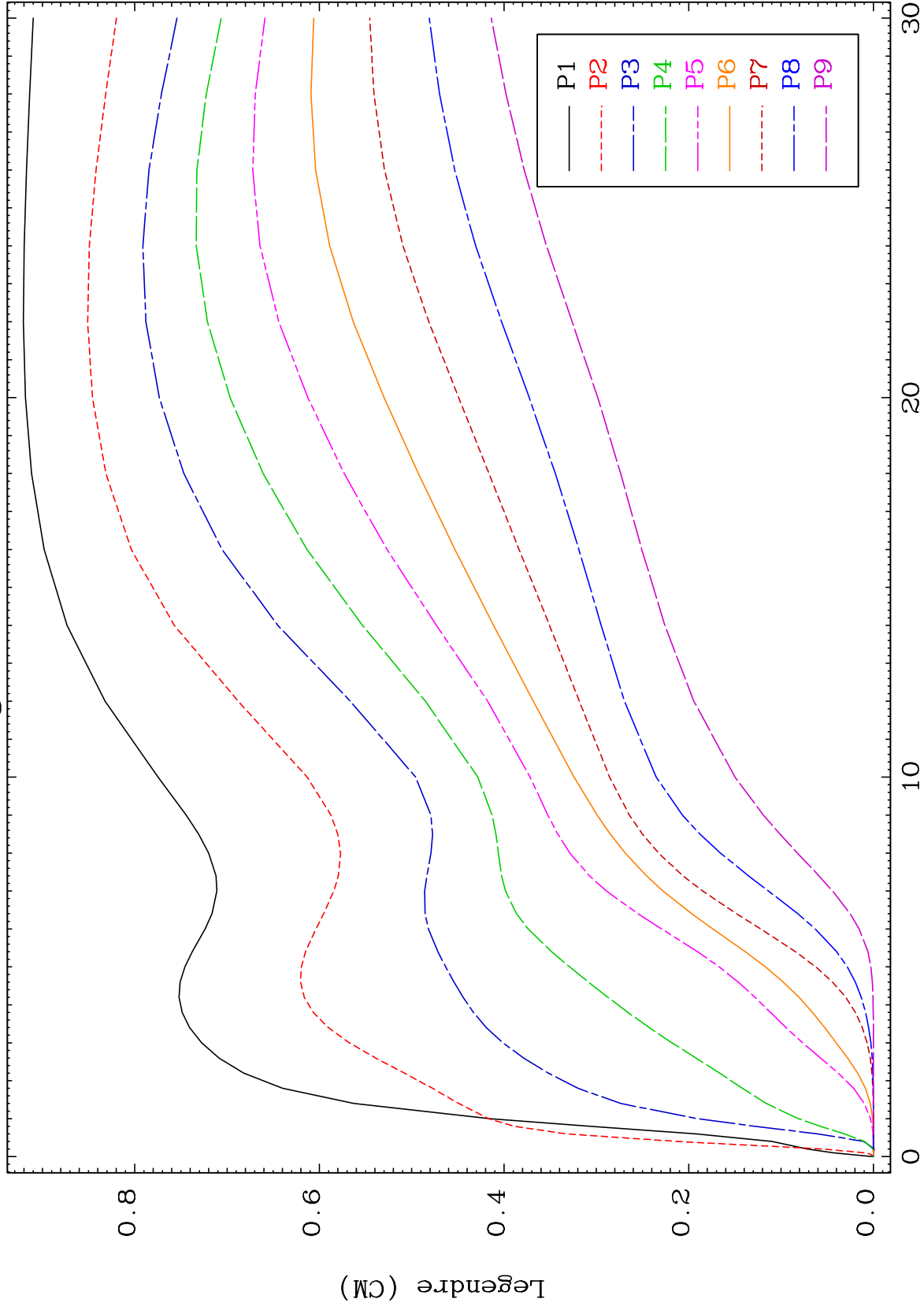




MAT 6871

Elastic Legendre Coefficients

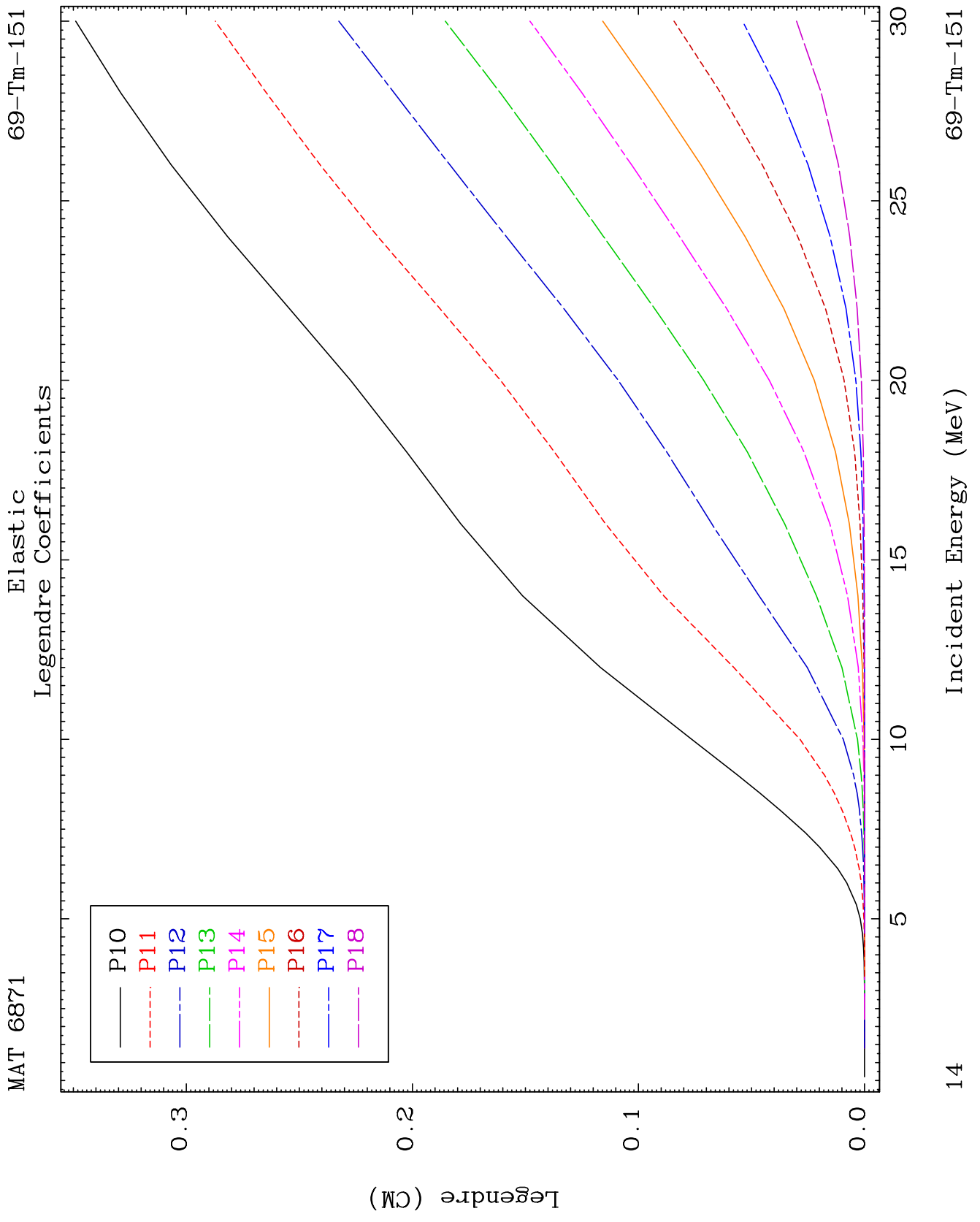
69-Tm-151



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Incident Energy (MeV)

69-Tm-151



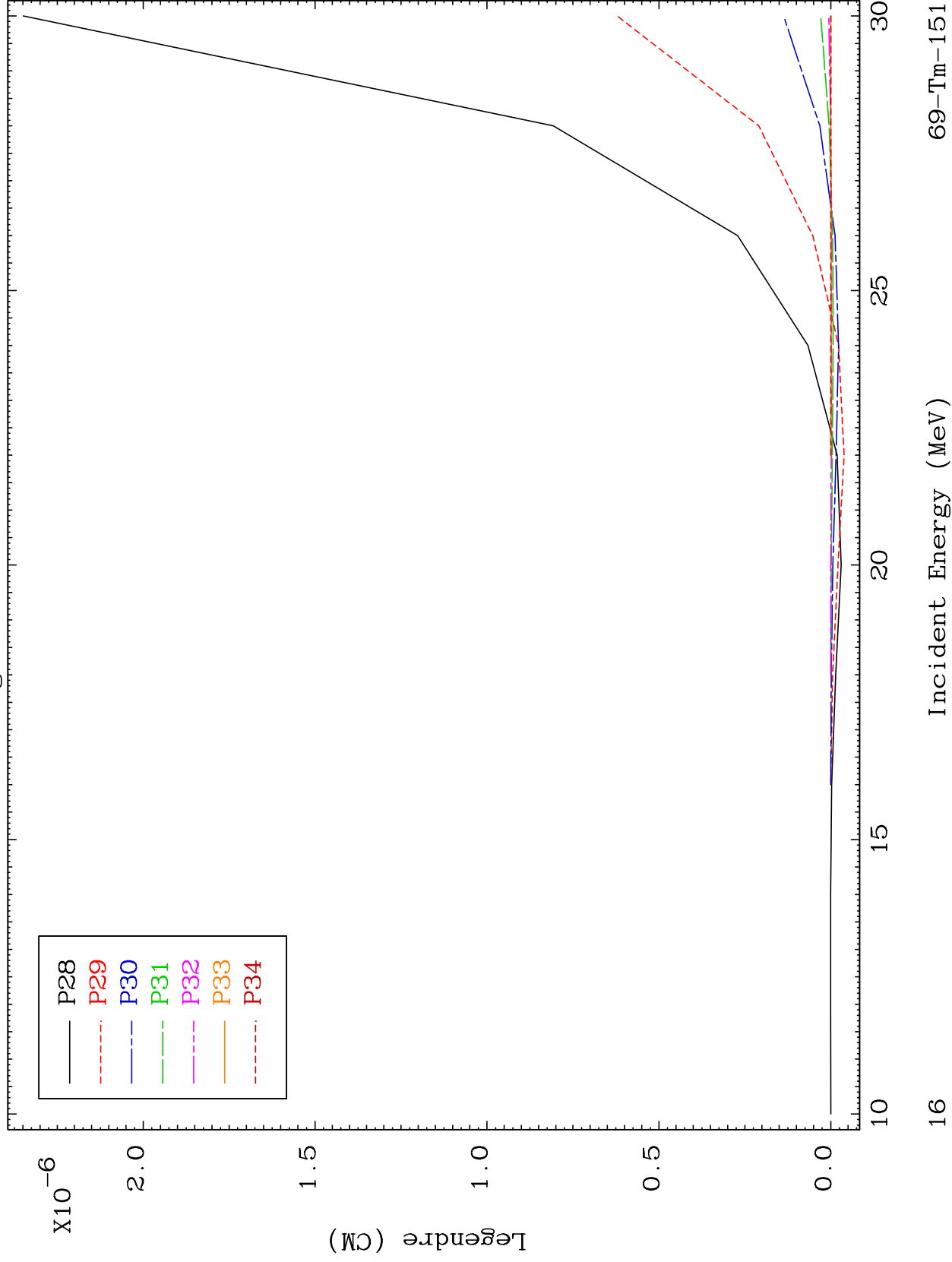




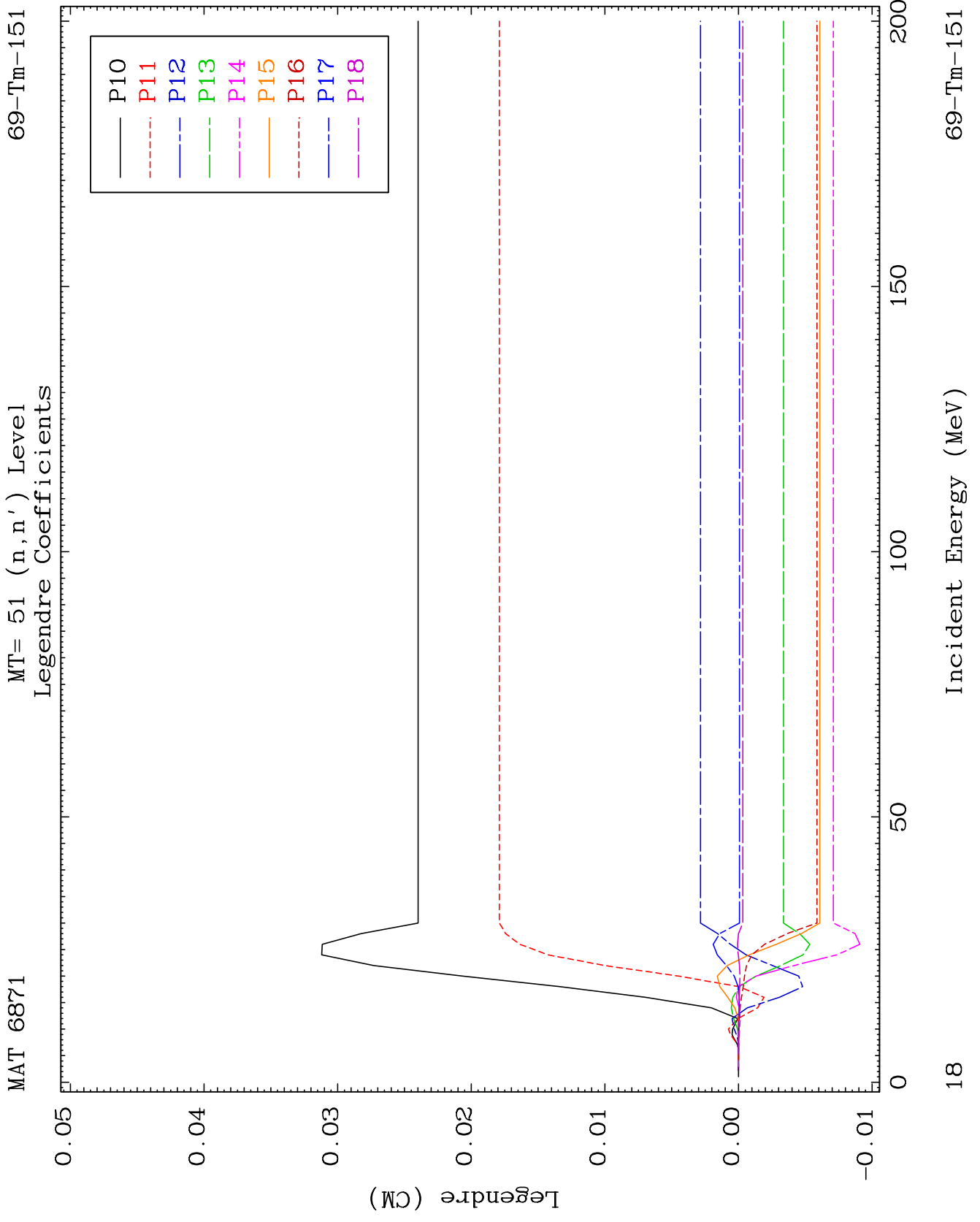
MAT 6871

Elastic  
Legendre Coefficients

69-Tm-151



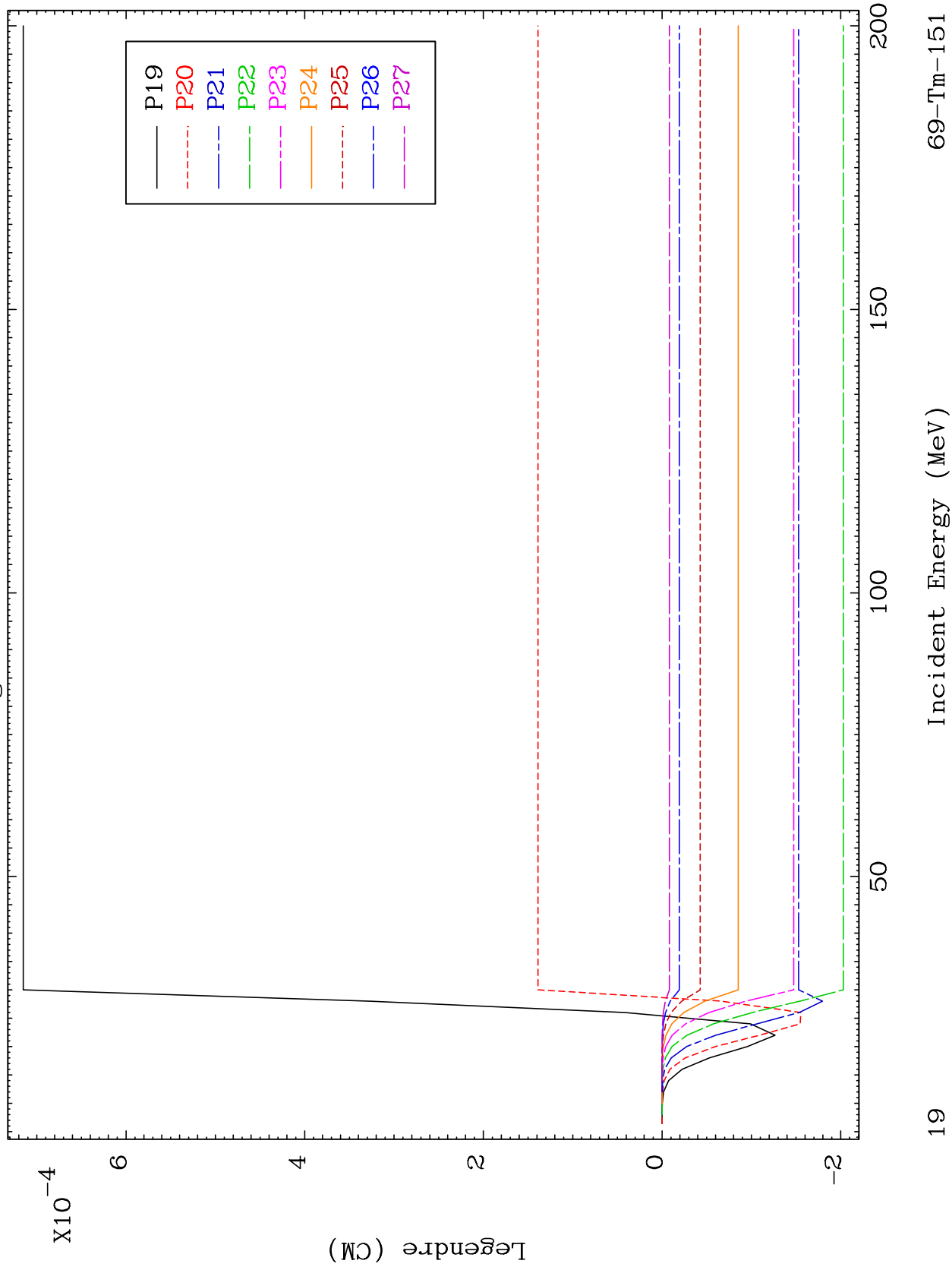




MAT 6871

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

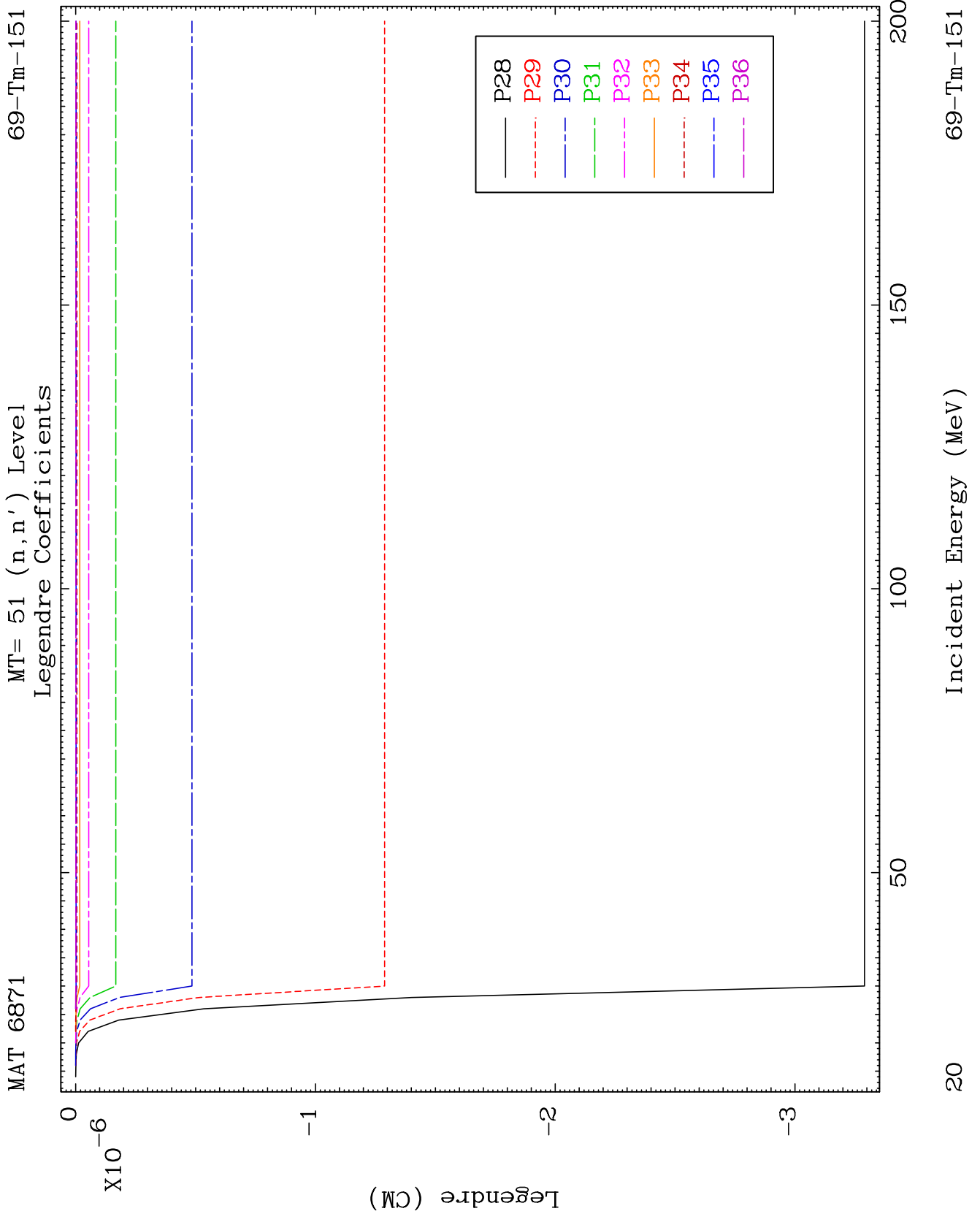
69-Tm-151



19

Incident Energy (MeV)

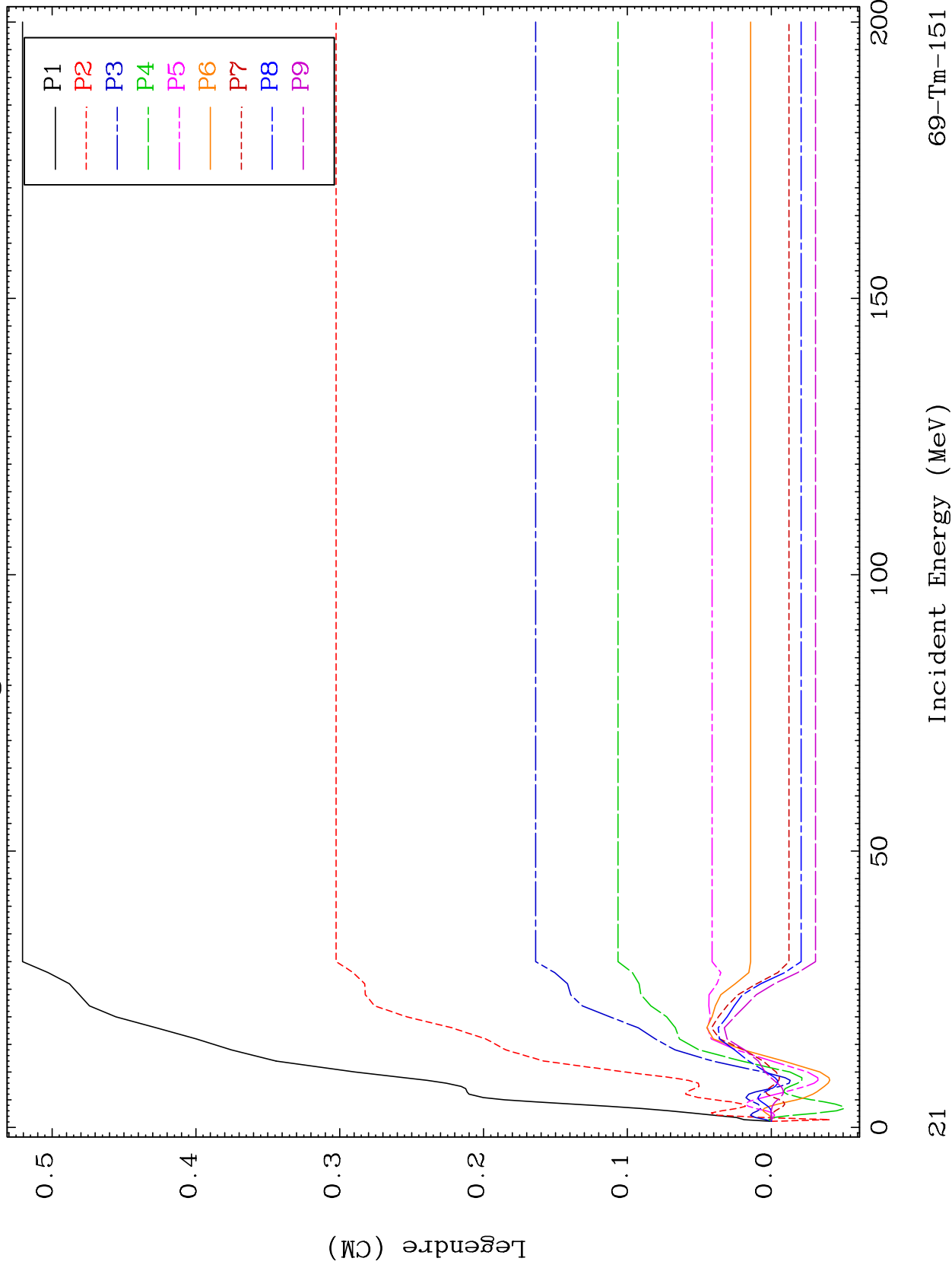
69-Tm-151



MAT 6871

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

69-Tm-151



69-Tm-151

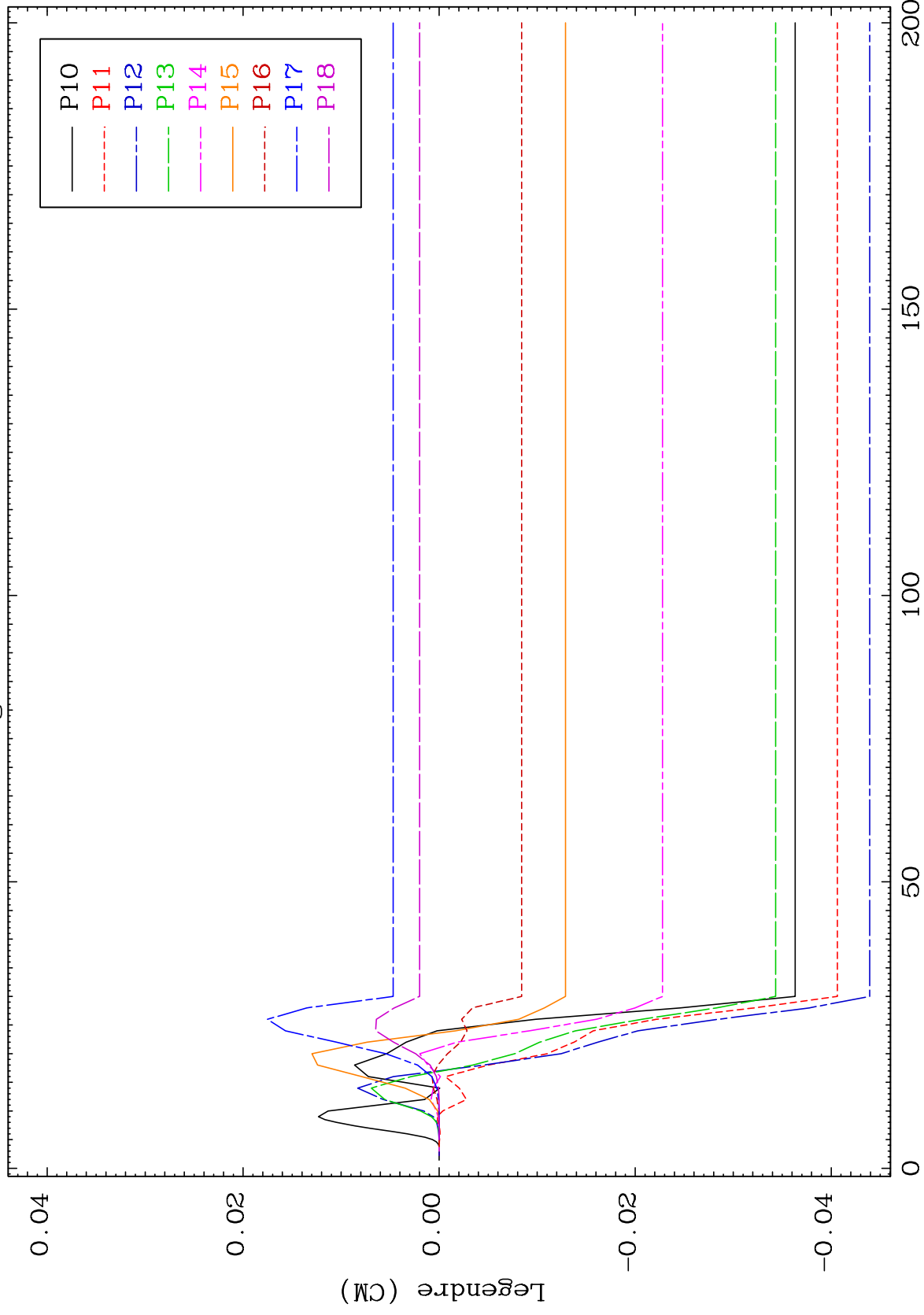
Incident Energy (MeV)

21

MAT 6871

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

69-Tm-151



22

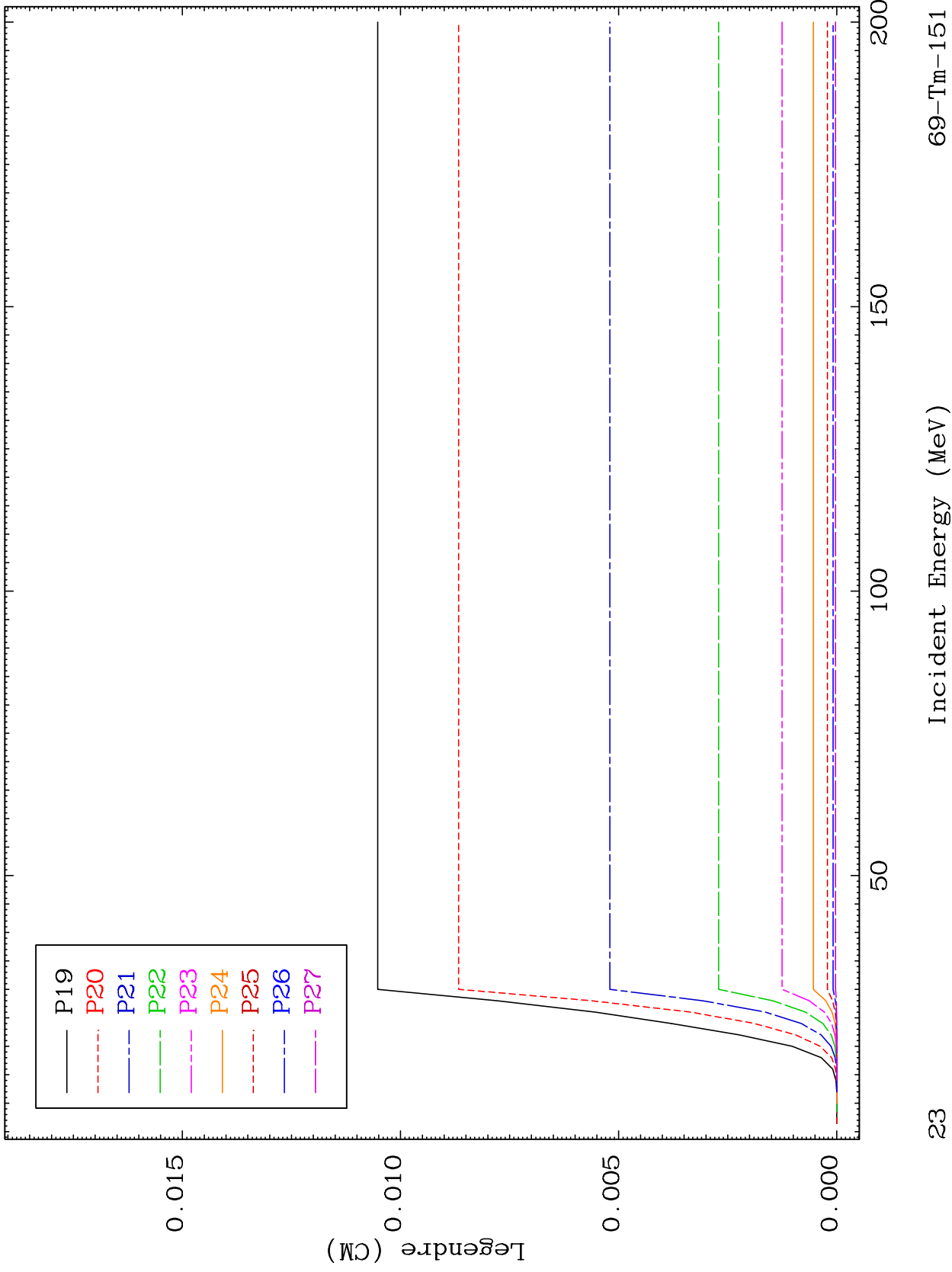
Incident Energy (MeV)

69-Tm-151

MAT 6871

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

69-Tm-151



23

69-Tm-151

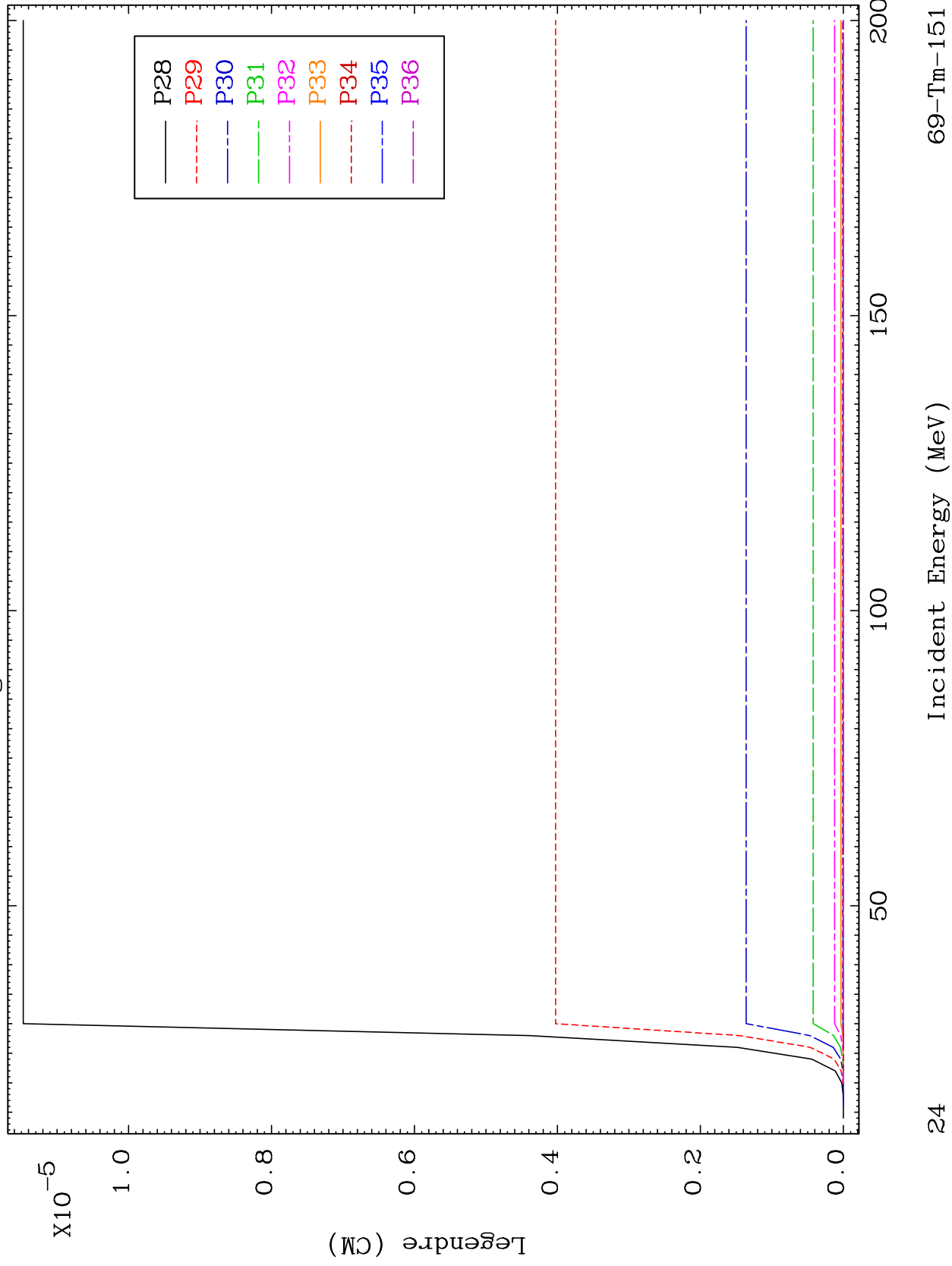
Incident Energy (MeV)



MAT 6871

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

69-Tm-151



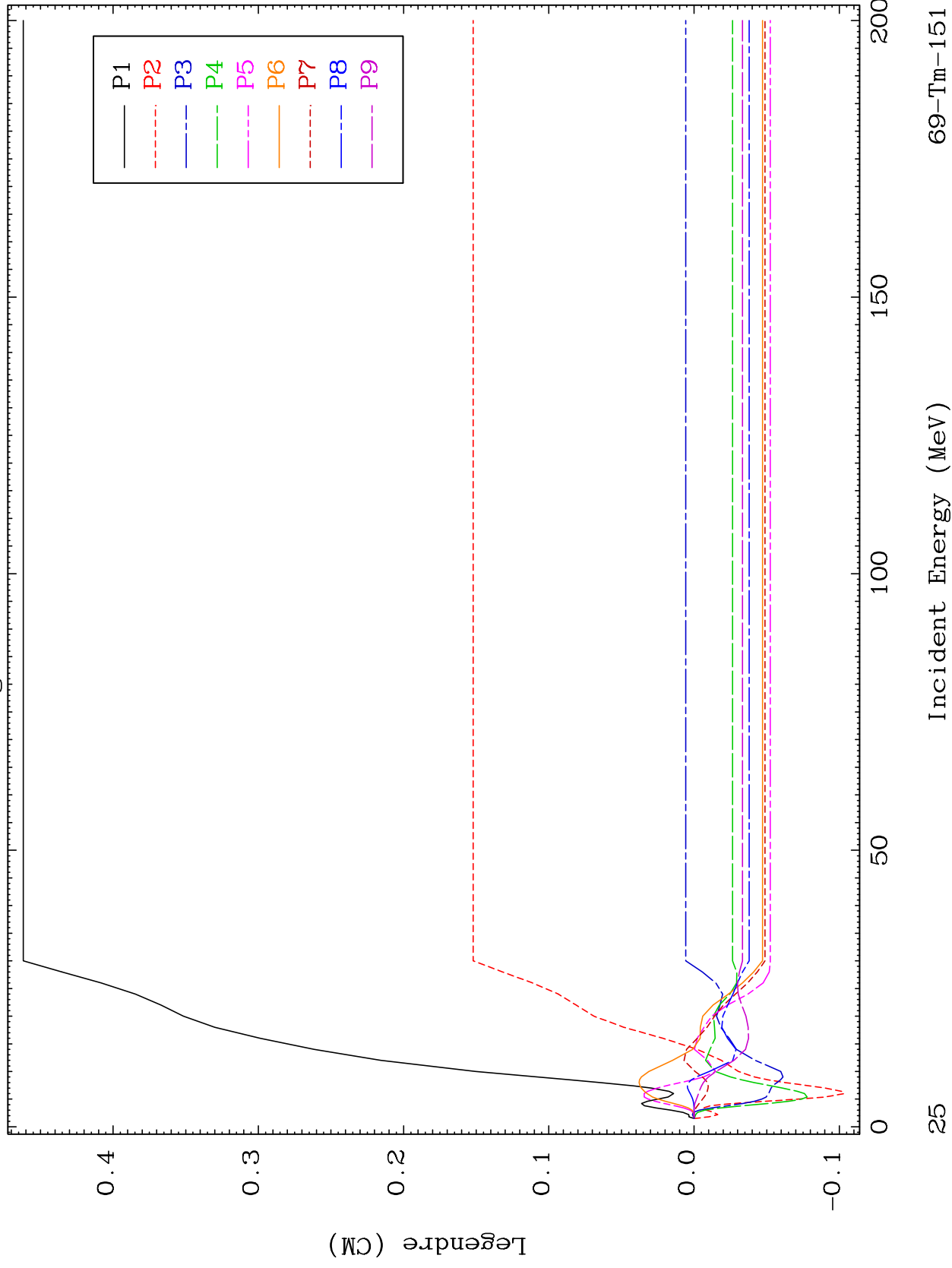
24

69-Tm-151

MAT 6871

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

69-Tm-151



69-Tm-151

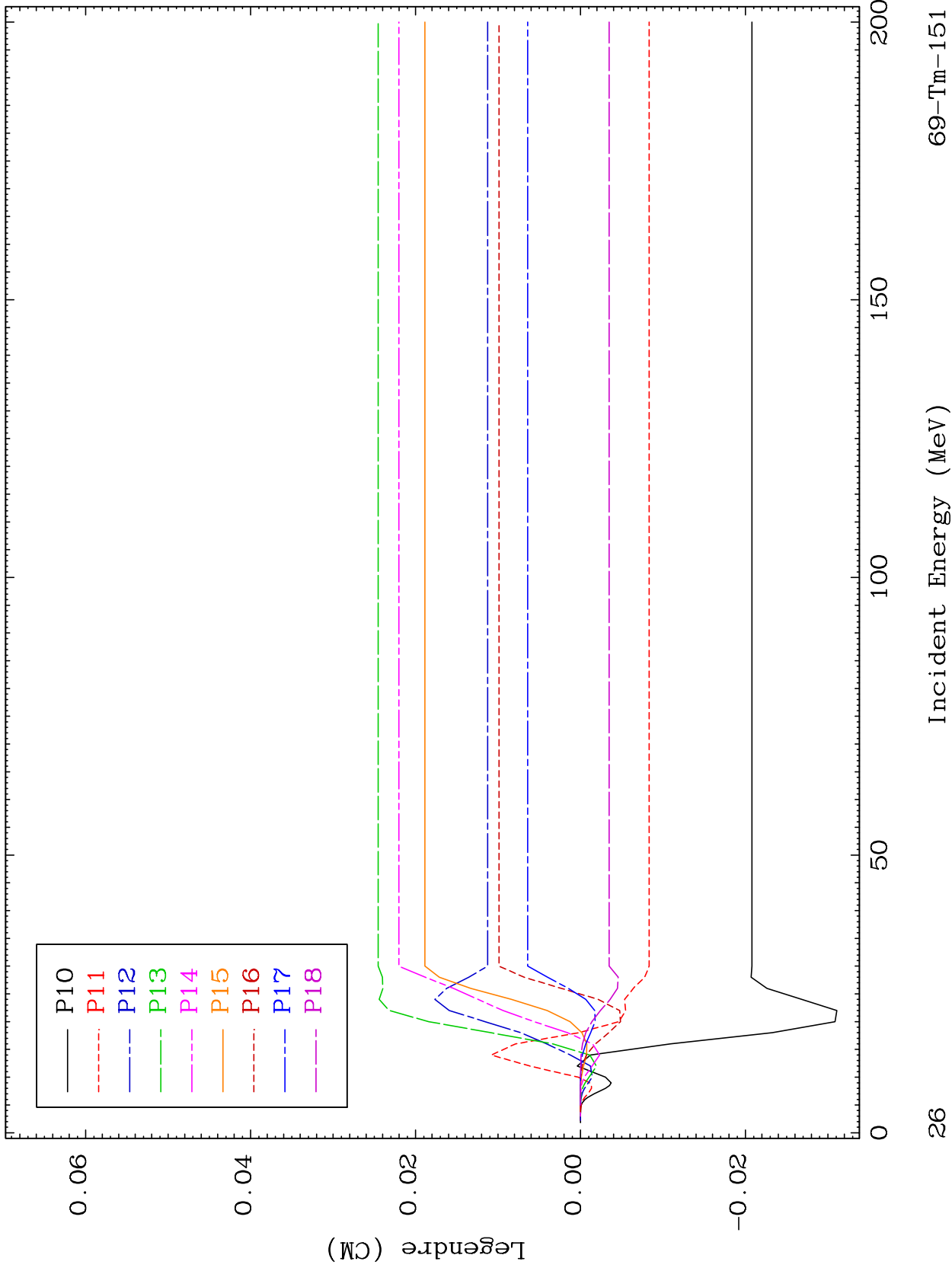
Incident Energy (MeV)

25

MAT 6871

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

69-Tm-151



26

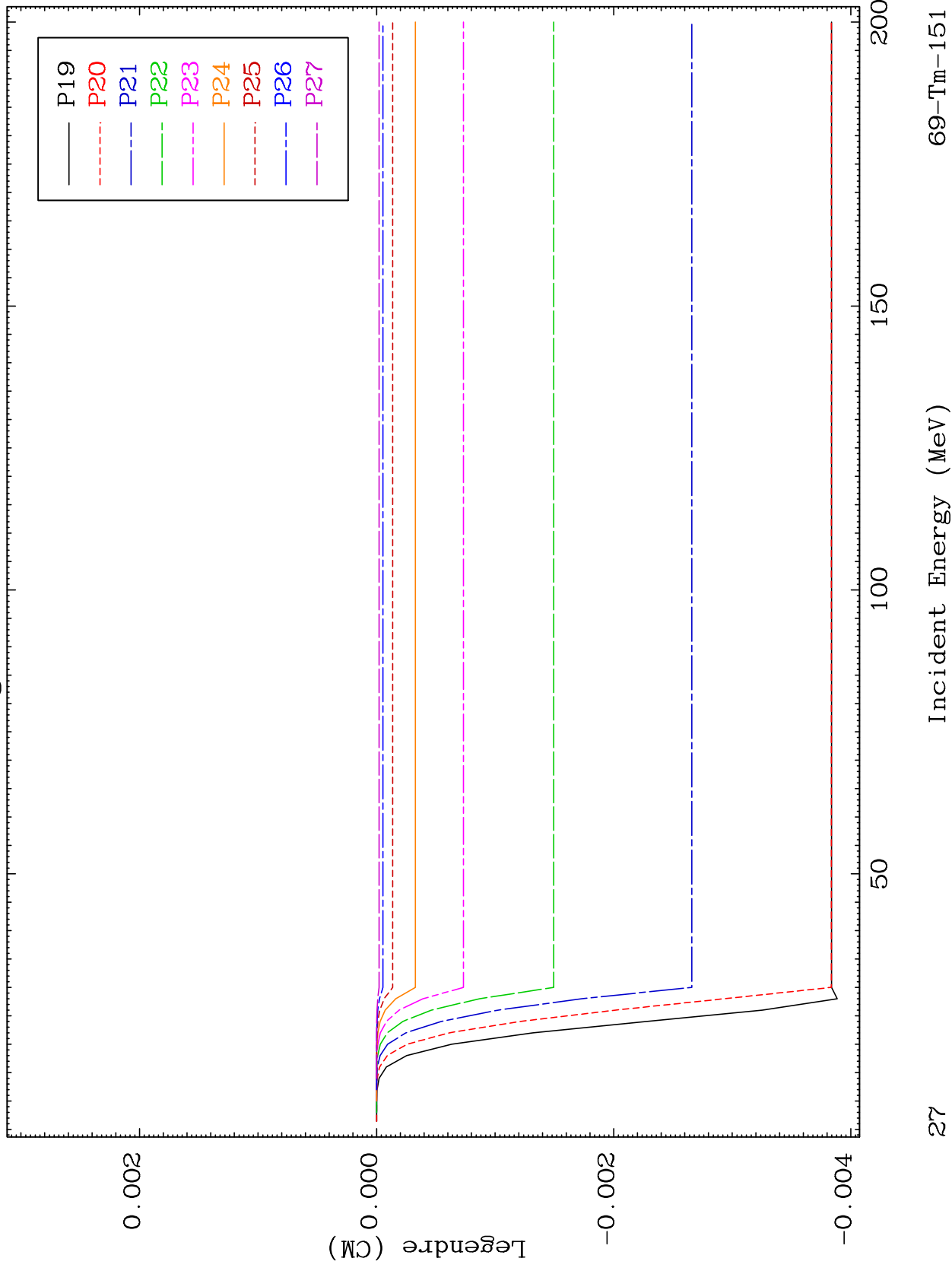
Incident Energy (MeV)

69-Tm-151

MAT 6871

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

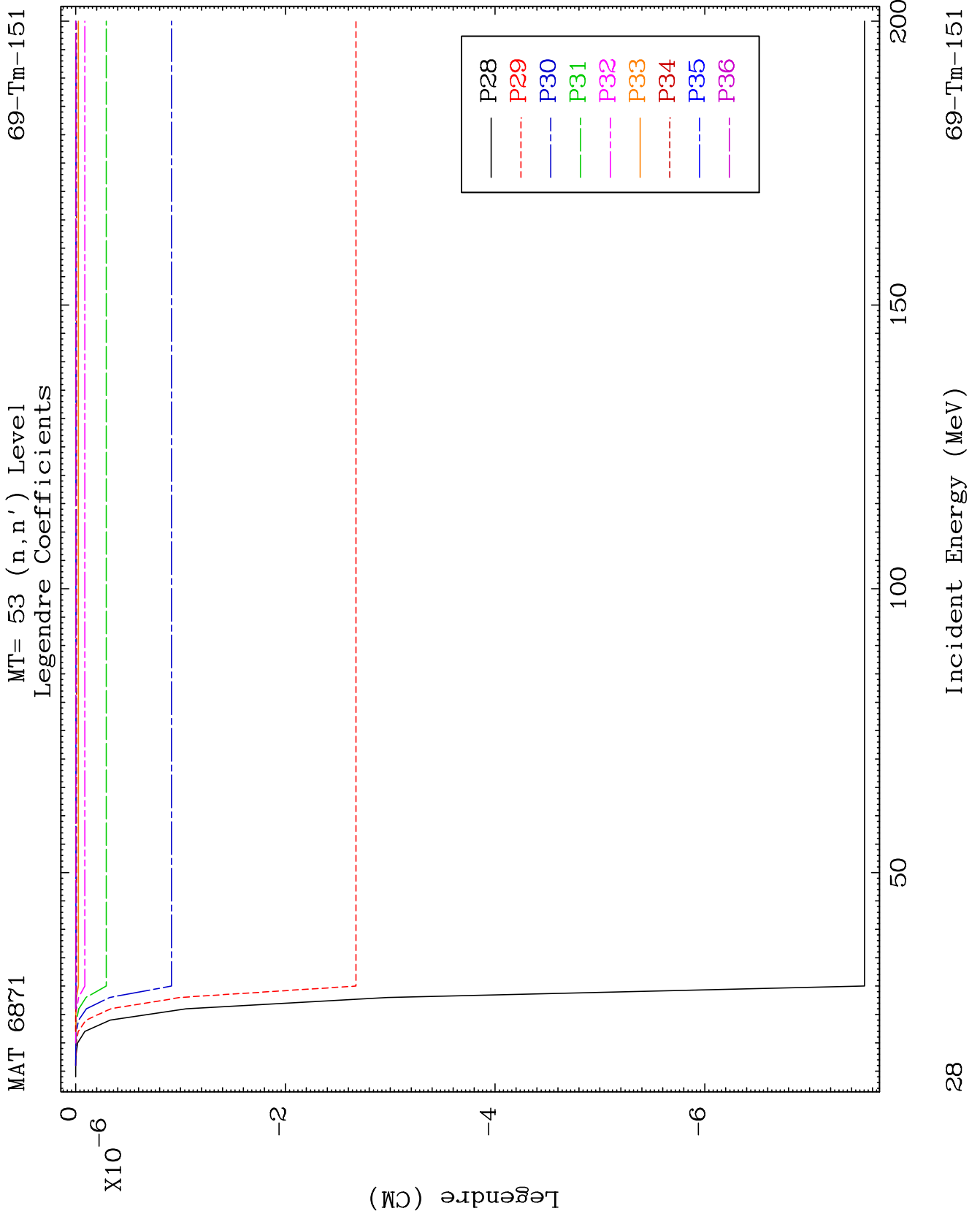
69-Tm-151



27

Incident Energy (MeV)

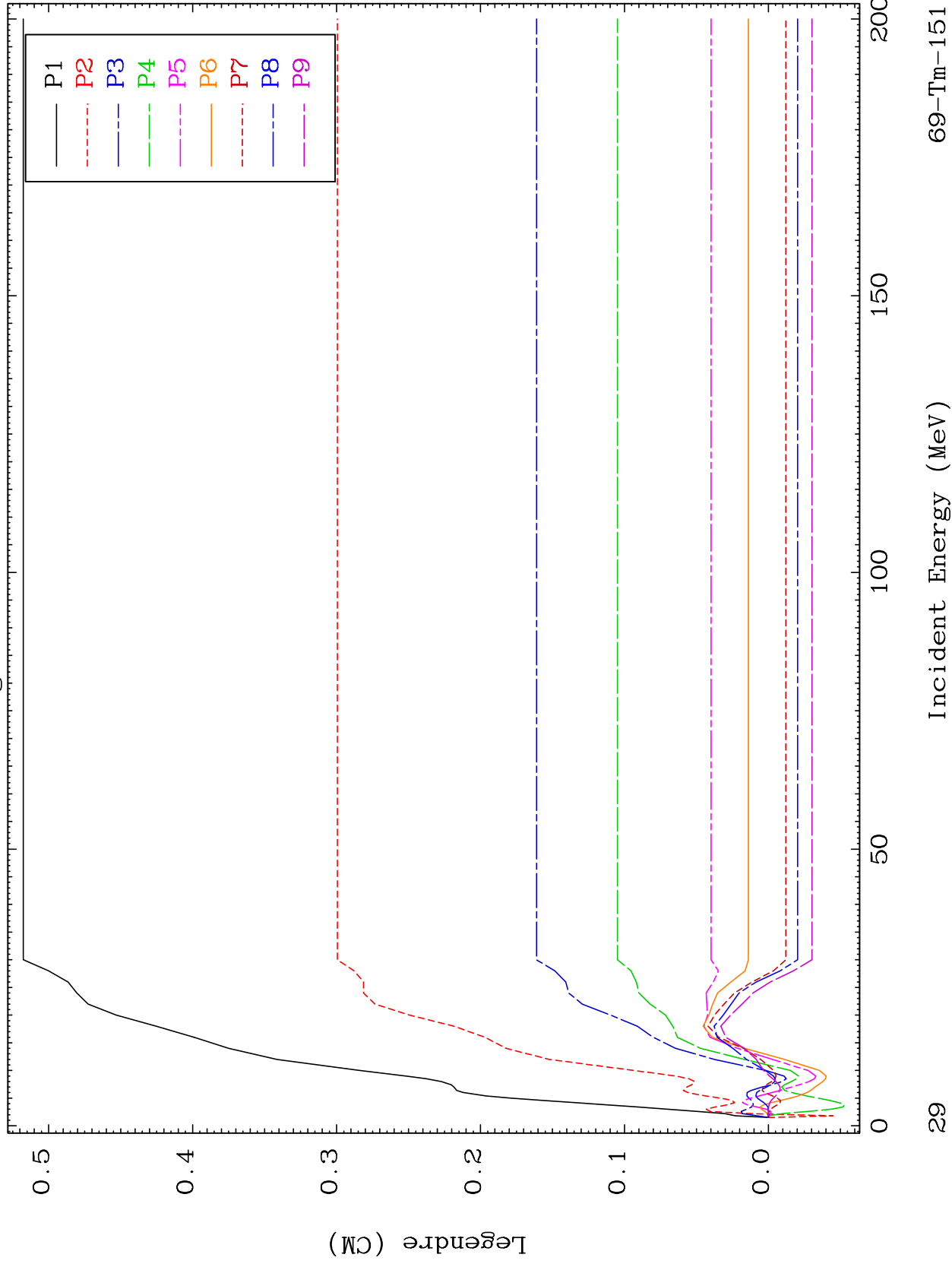
69-Tm-151



MAT 6871

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

69-Tm-151



29

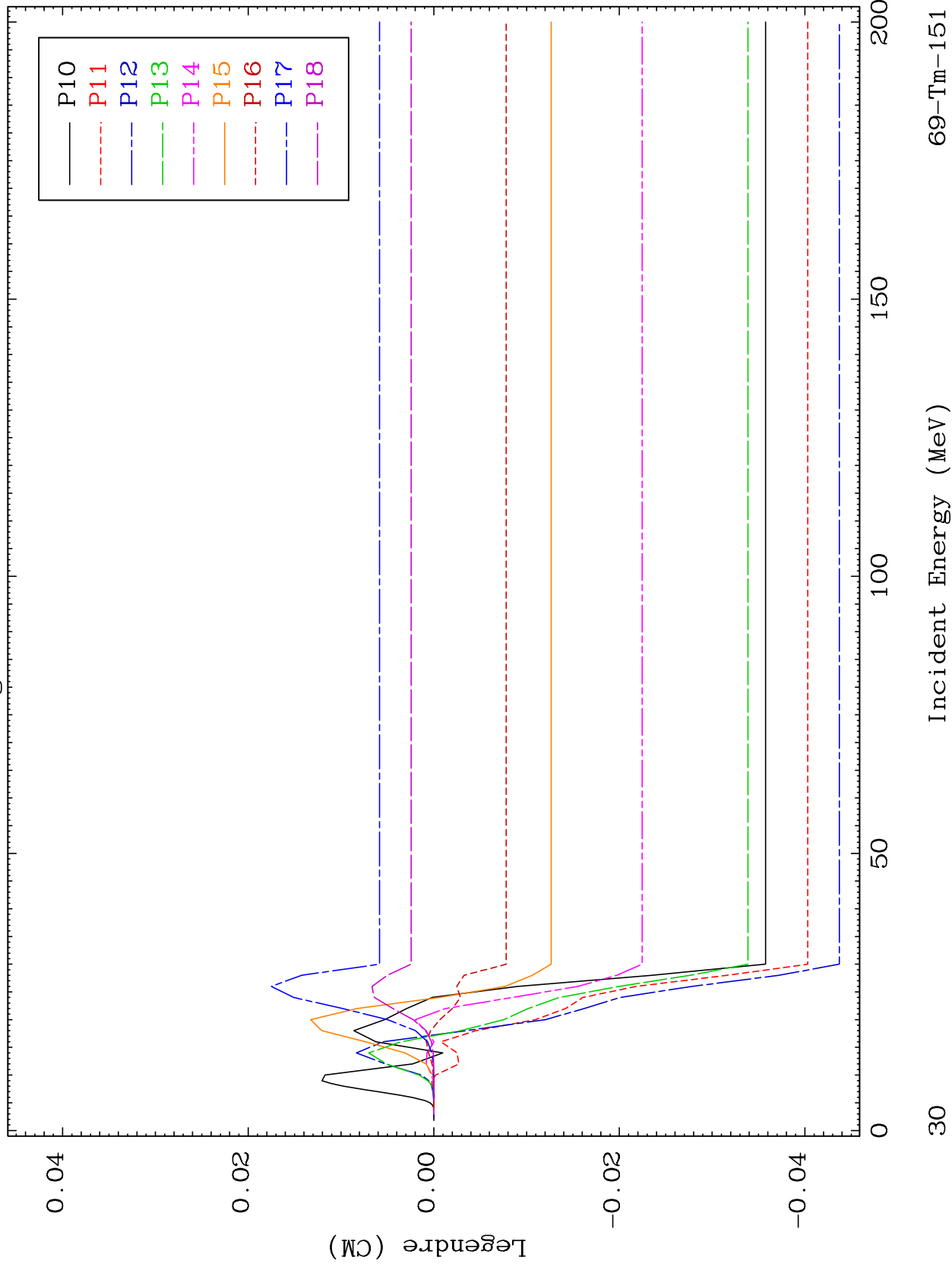
Incident Energy (MeV)

69-Tm-151

MAT 6871

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

69-Tm-151



69-Tm-151

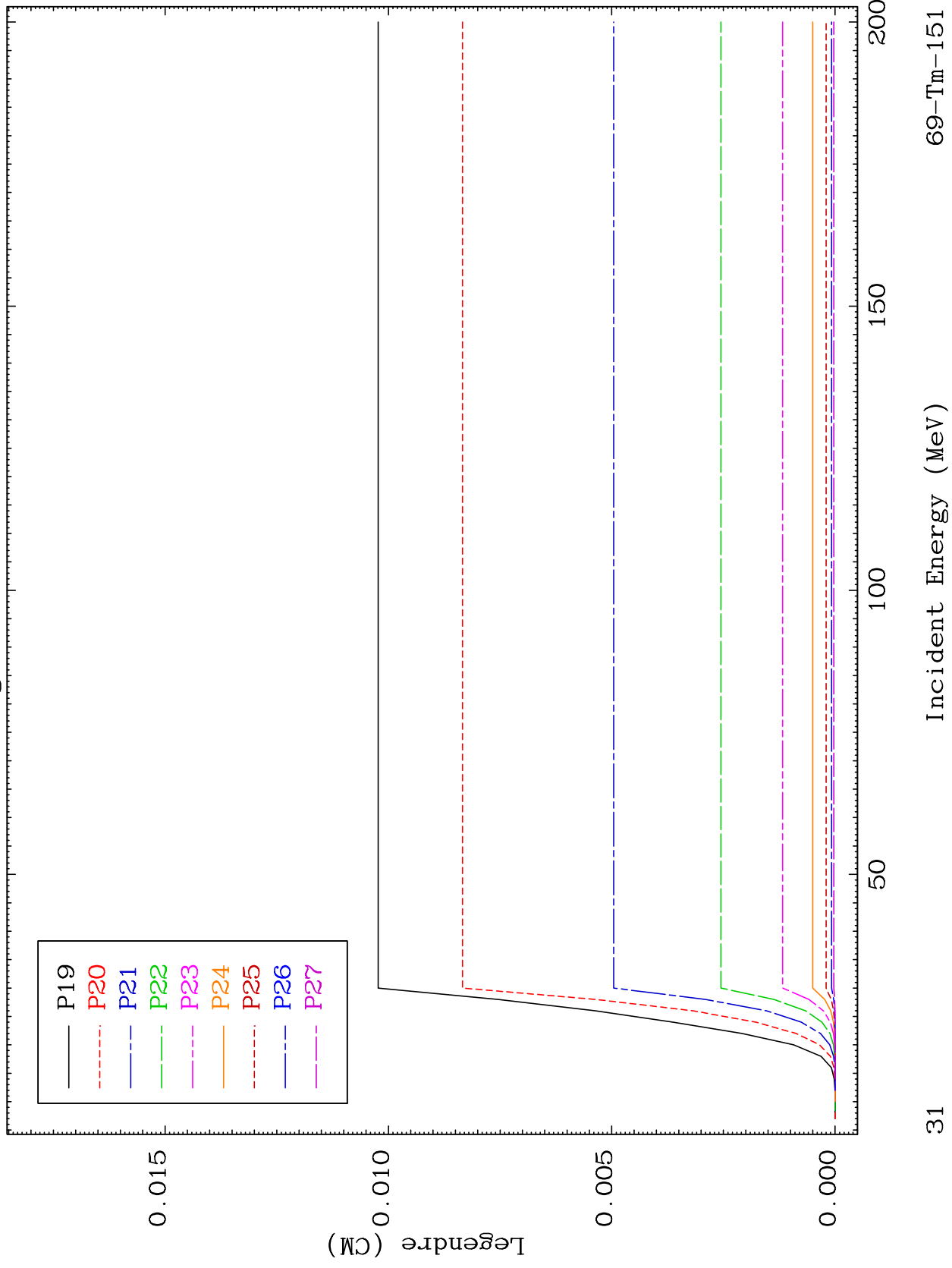
Incident Energy (MeV)

30

MAT 6871

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

69-Tm-151



31

Incident Energy (MeV)

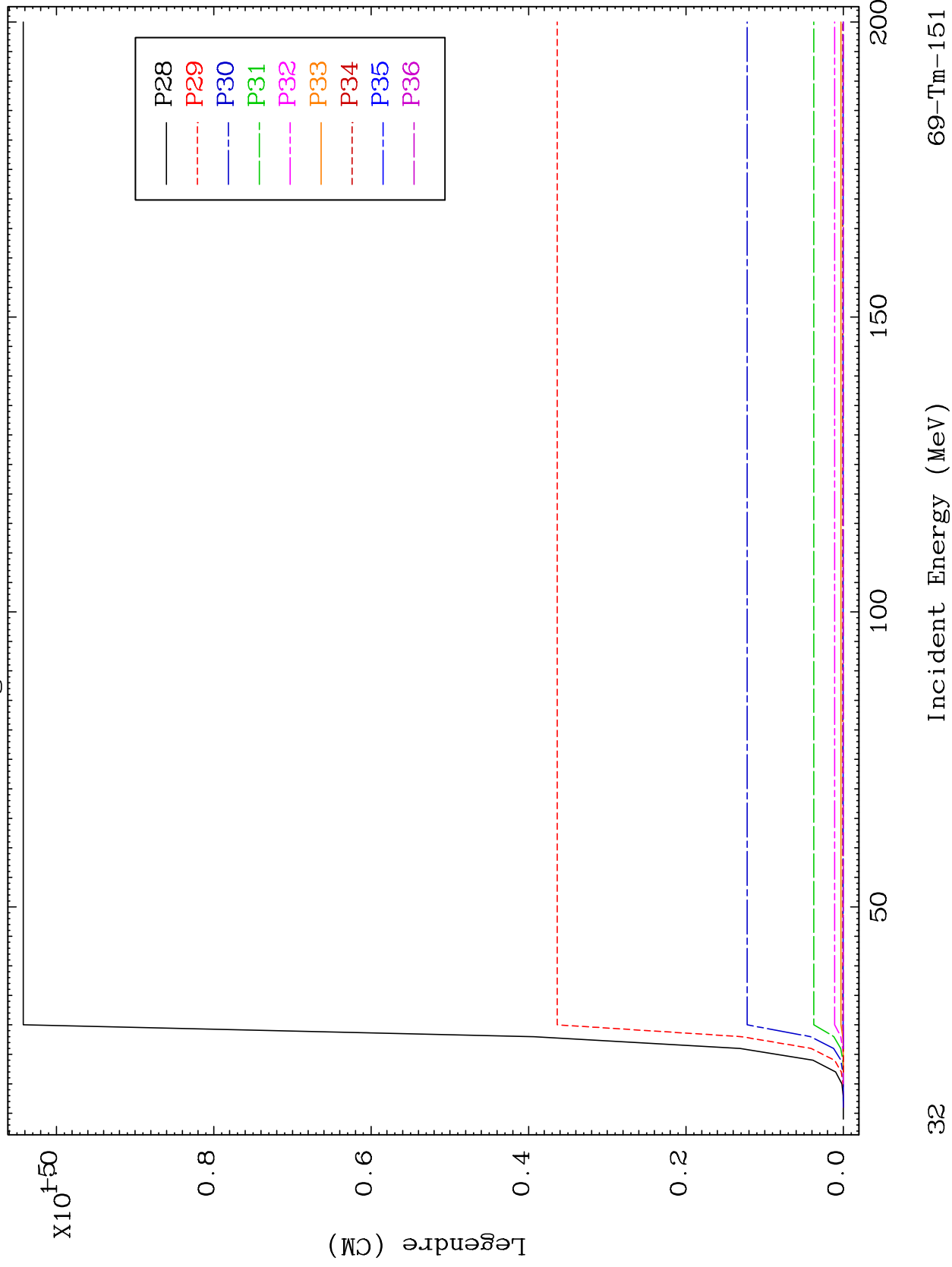
69-Tm-151



MAT 6871

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

69-Tm-151



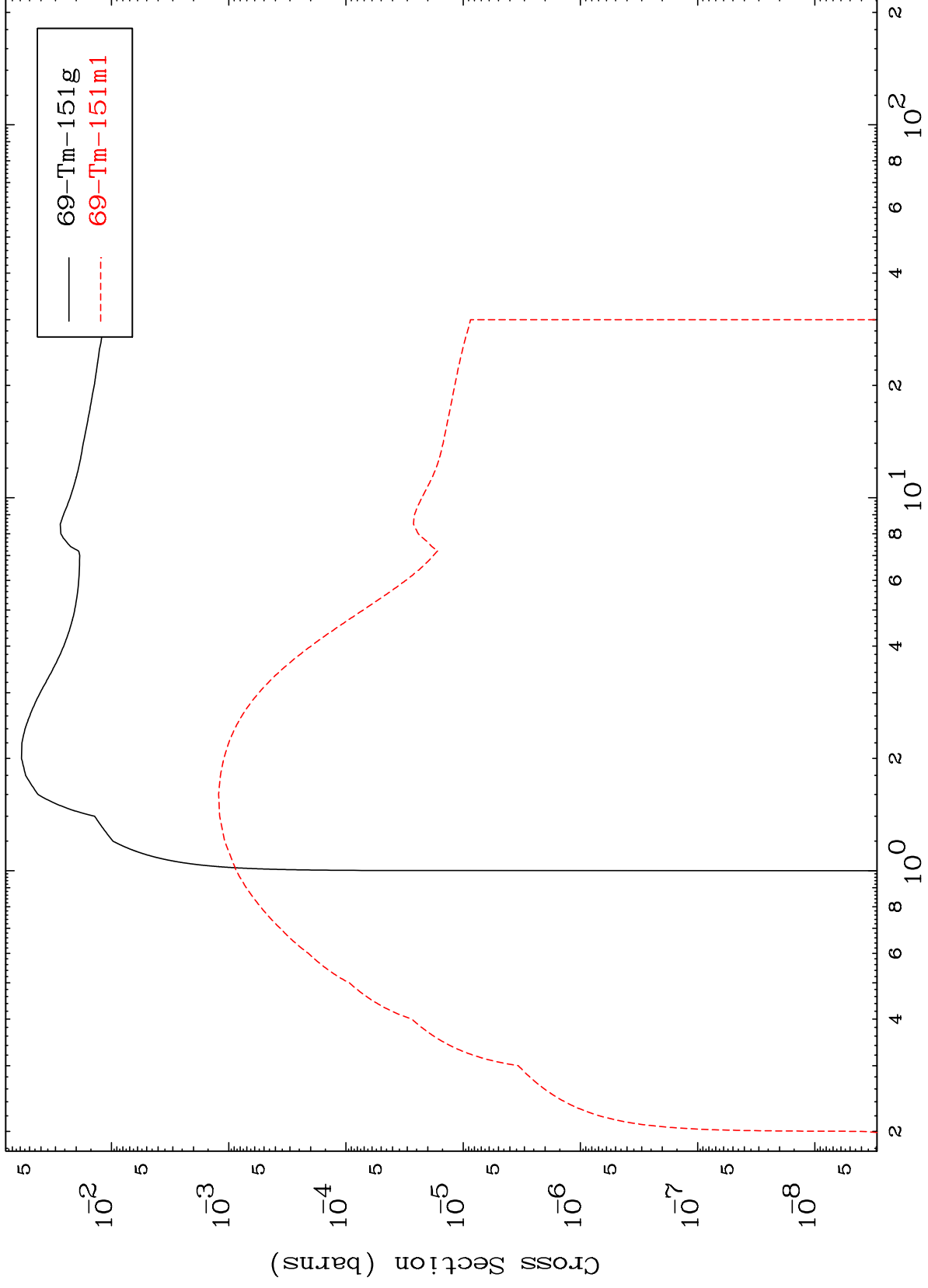
32

200

MAT 6871

69-Tm-151

Inelastic  
Radionuclide Production Cross Section



33

69-Tm-151

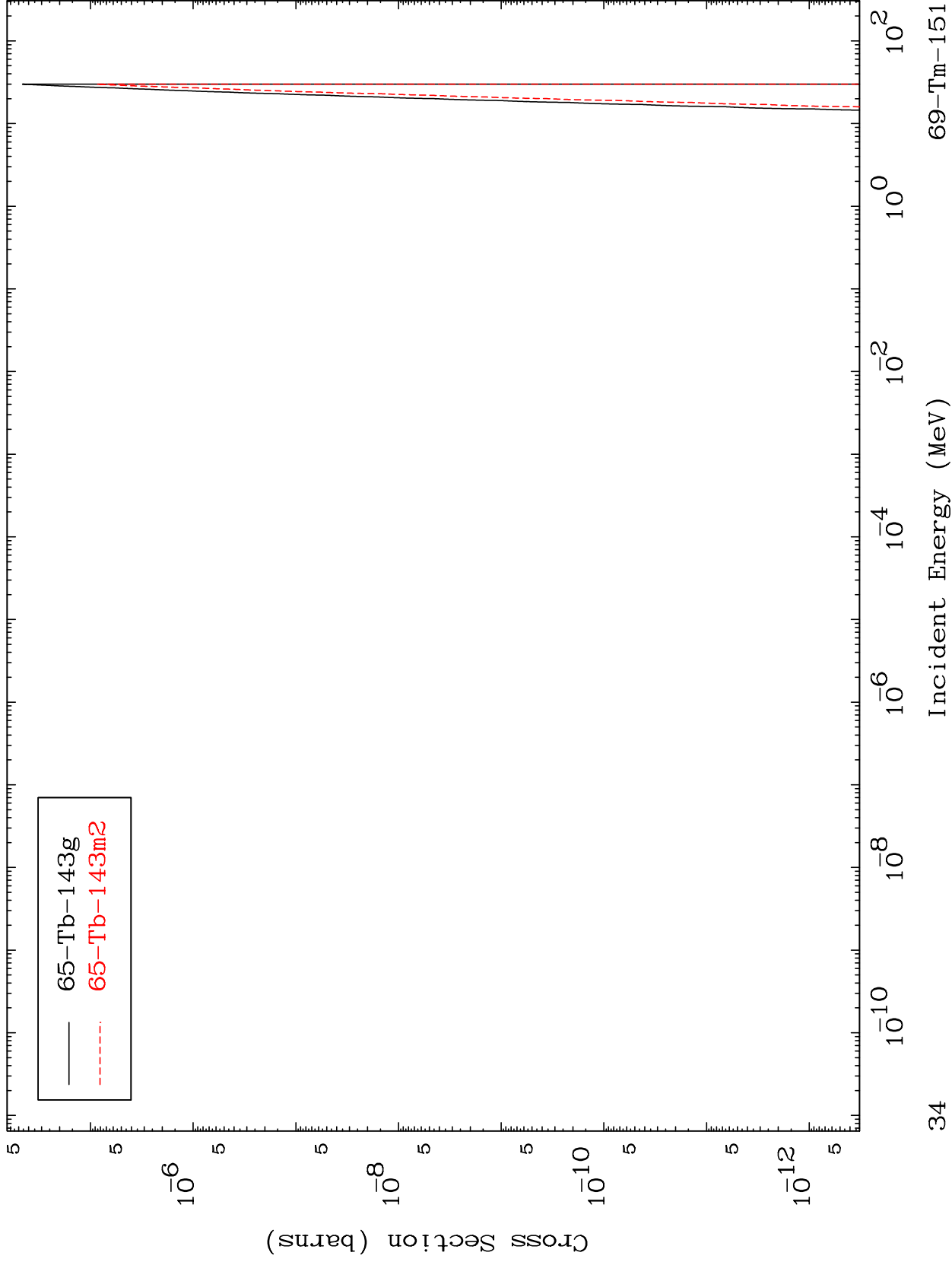
Incident Energy (MeV)

MAT 6871

(n,n') 2α

69-Tm-151

Radionuclide Production Cross Section

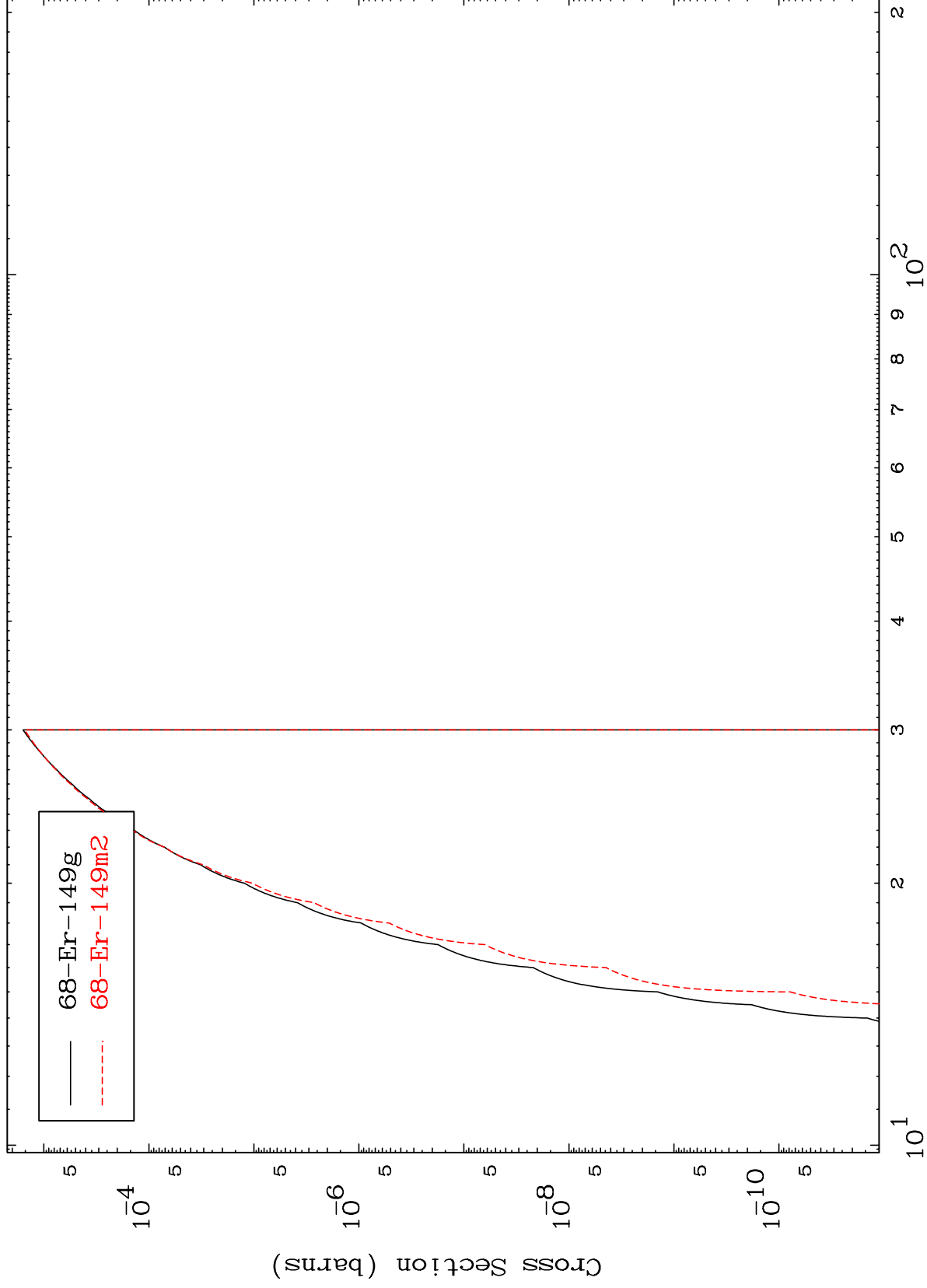


MAT 6871

(n,n') d

69-Tm-151

Radionuclide Production Cross Section



35

Incident Energy (MeV)

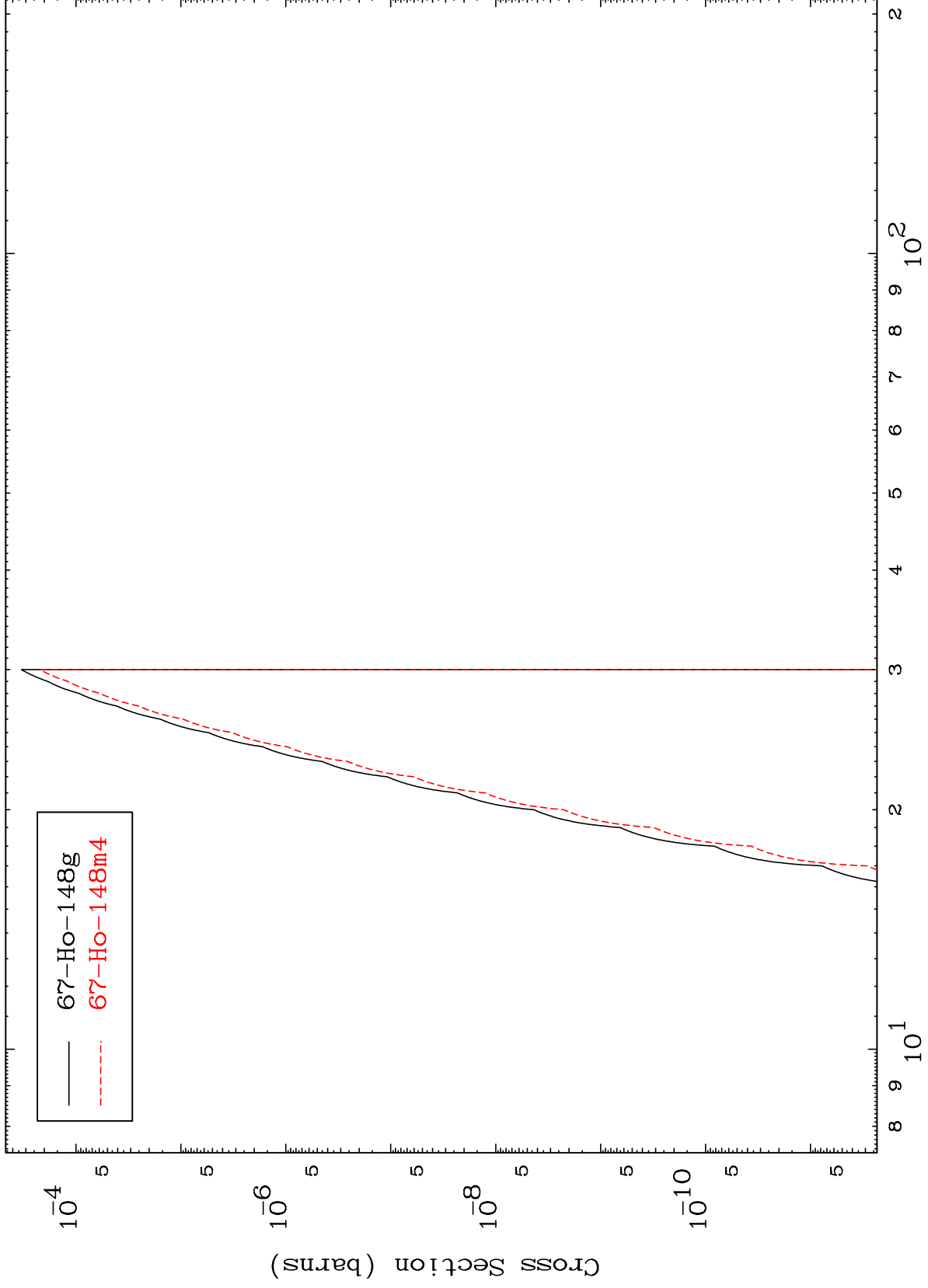
69-Tm-151

MAT 6871

(n,n') He-3

69-Tm-151

Radionuclide Production Cross Section



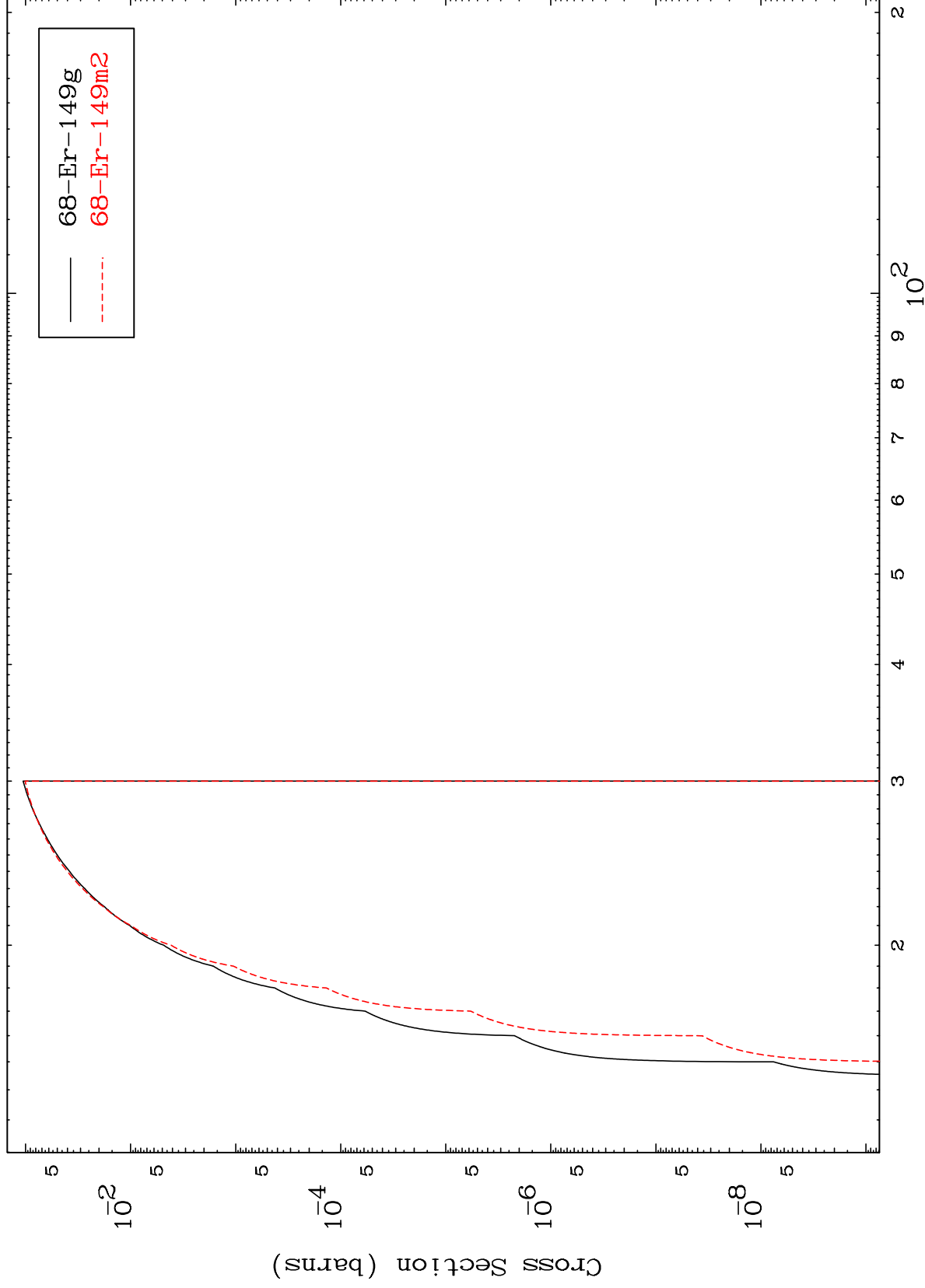
67-Ho-148g  
67-Ho-148m4

36

Incident Energy (MeV)

69-Tm-151

Radionuclide Production Cross Section

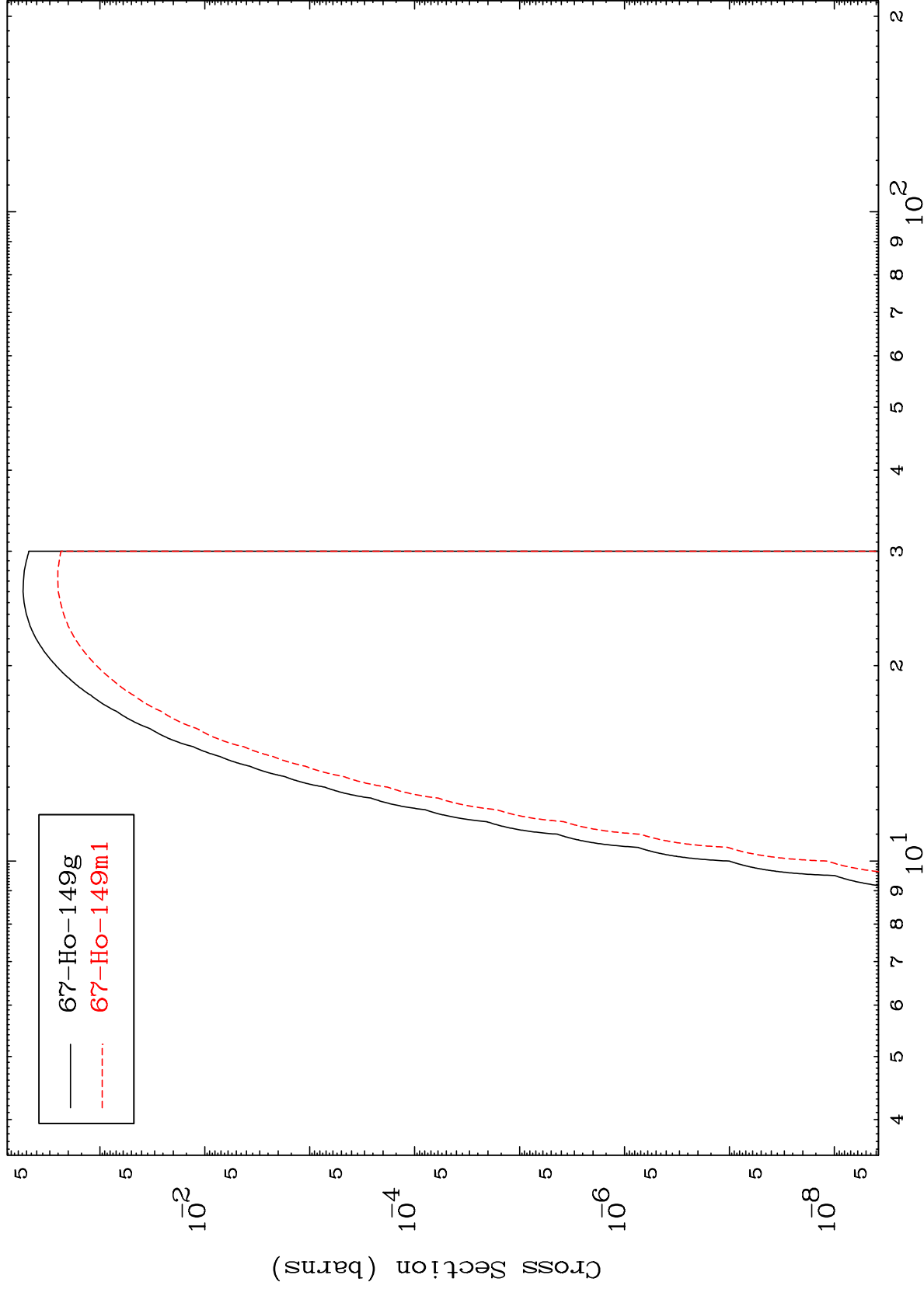


MAT 6871

$(n,2n)$  p

69-Tm-151

Radionuclide Production Cross Section



38

Incident Energy (MeV)

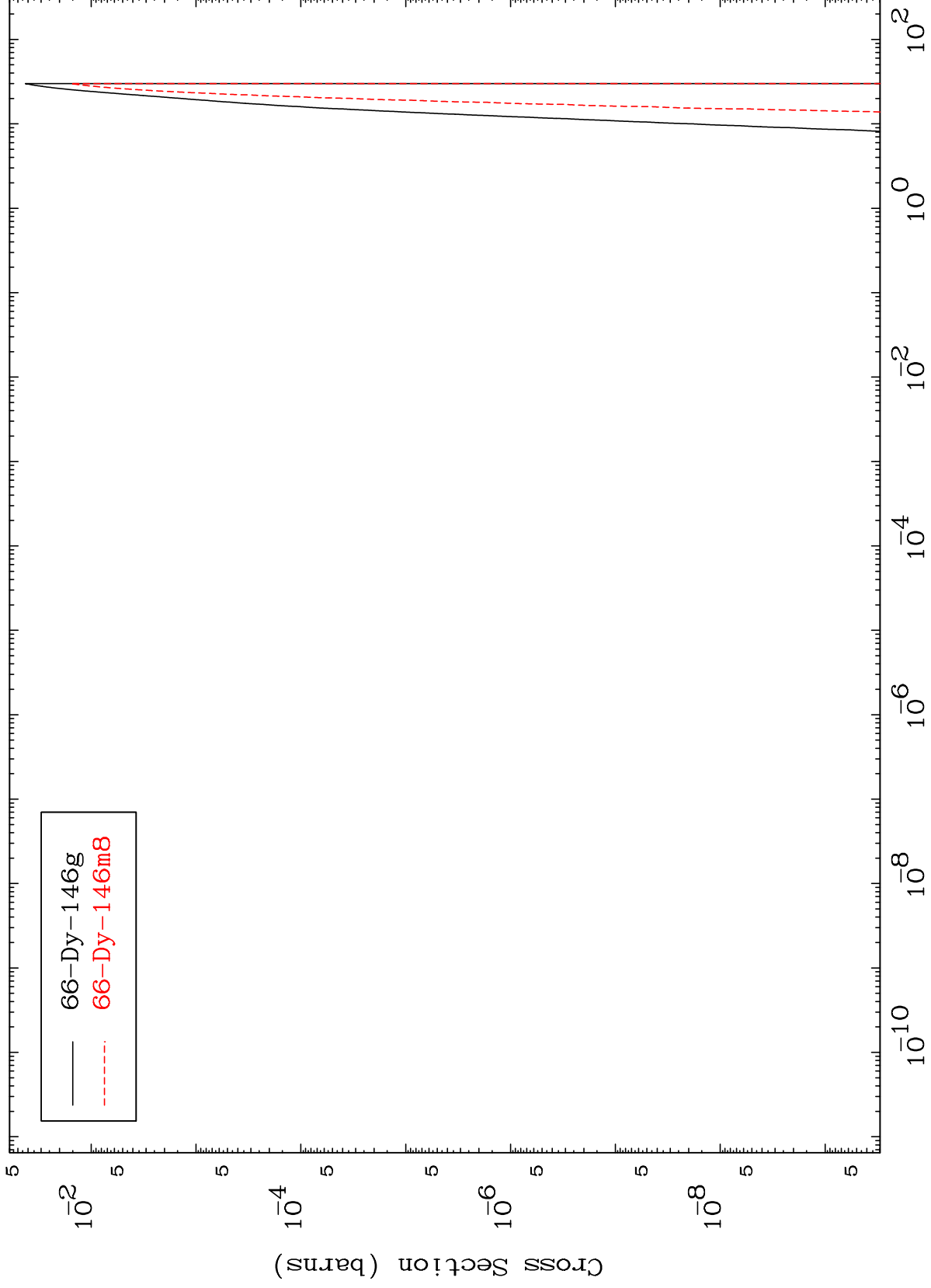
69-Tm-151

MAT 6871

(n,n') p  $\alpha$

69-Tm-151

Radionuclide Production Cross Section



39

Incident Energy (MeV)

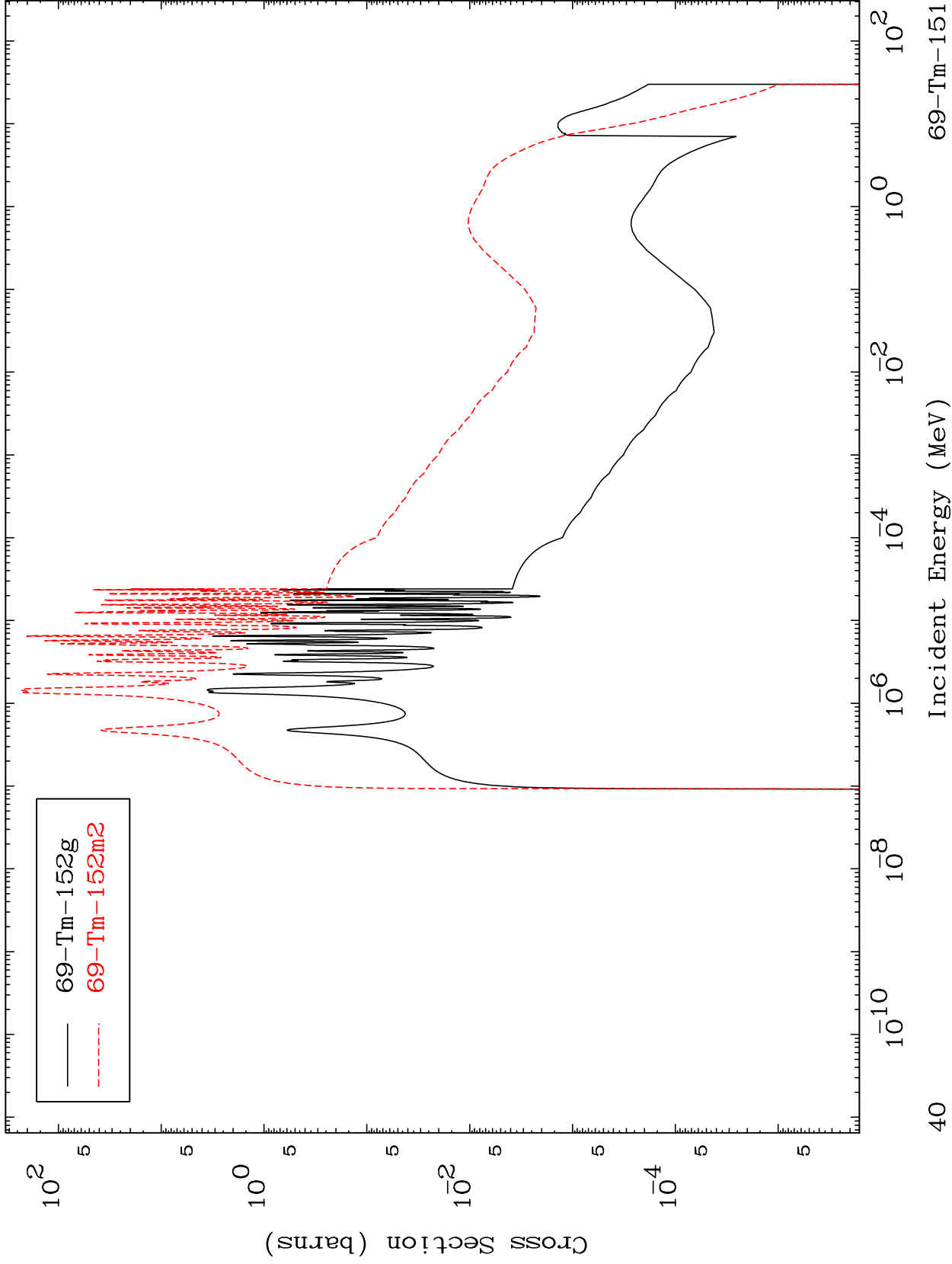
69-Tm-151



MAT 6871

69-Tm-151

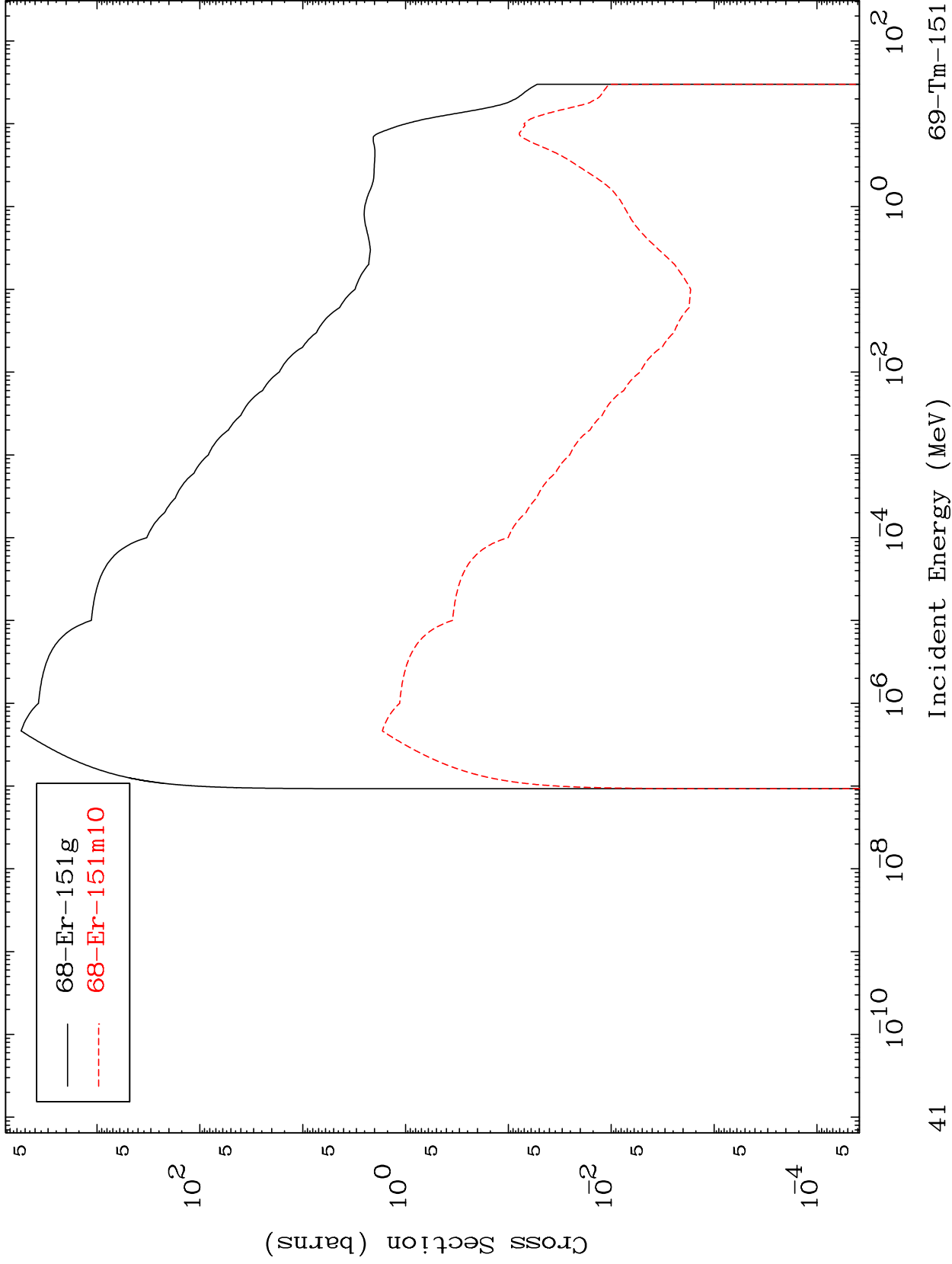
Radionuclide Production Cross Section  
(n,  $\gamma$ )



MAT 6871

69-Tm-151

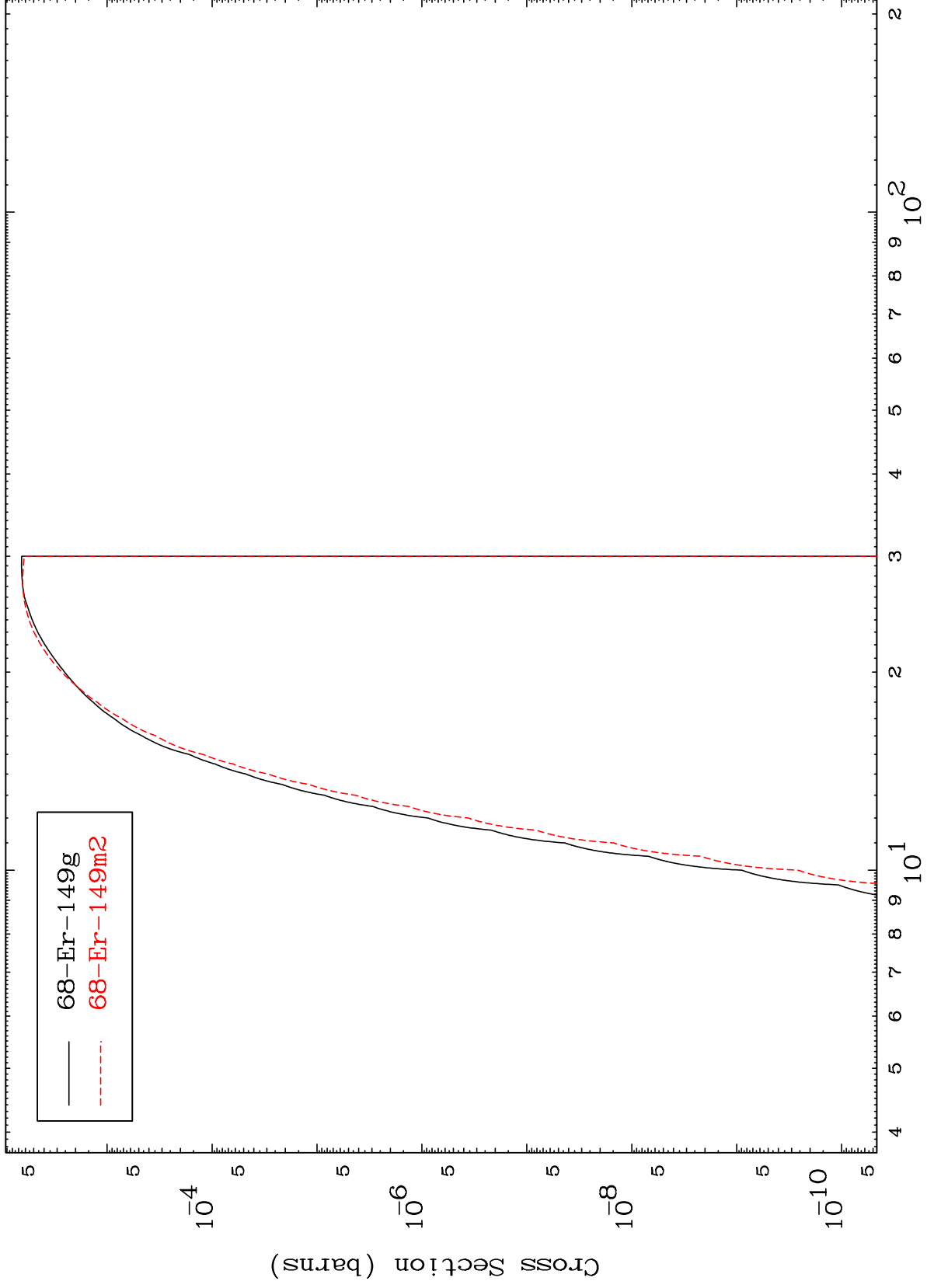
(n,p)  
Radionuclide Production Cross Section



MAT 6871

69-Tm-151

(n, t)  
Radionuclide Production Cross Section



42

Incident Energy (MeV)

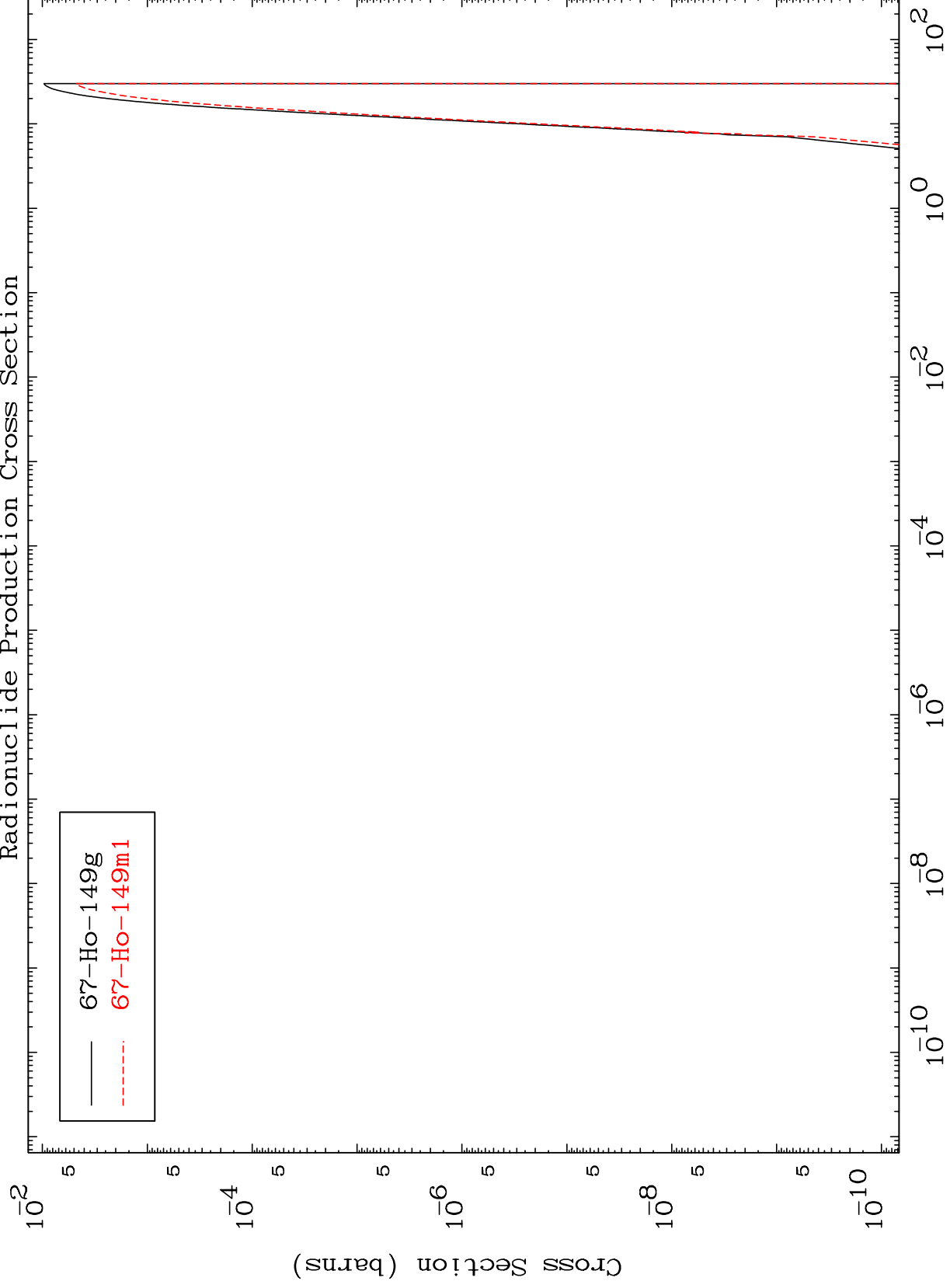
69-Tm-151

MAT 6871

(n,He-3)

69-Tm-151

Radionuclide Production Cross Section



43

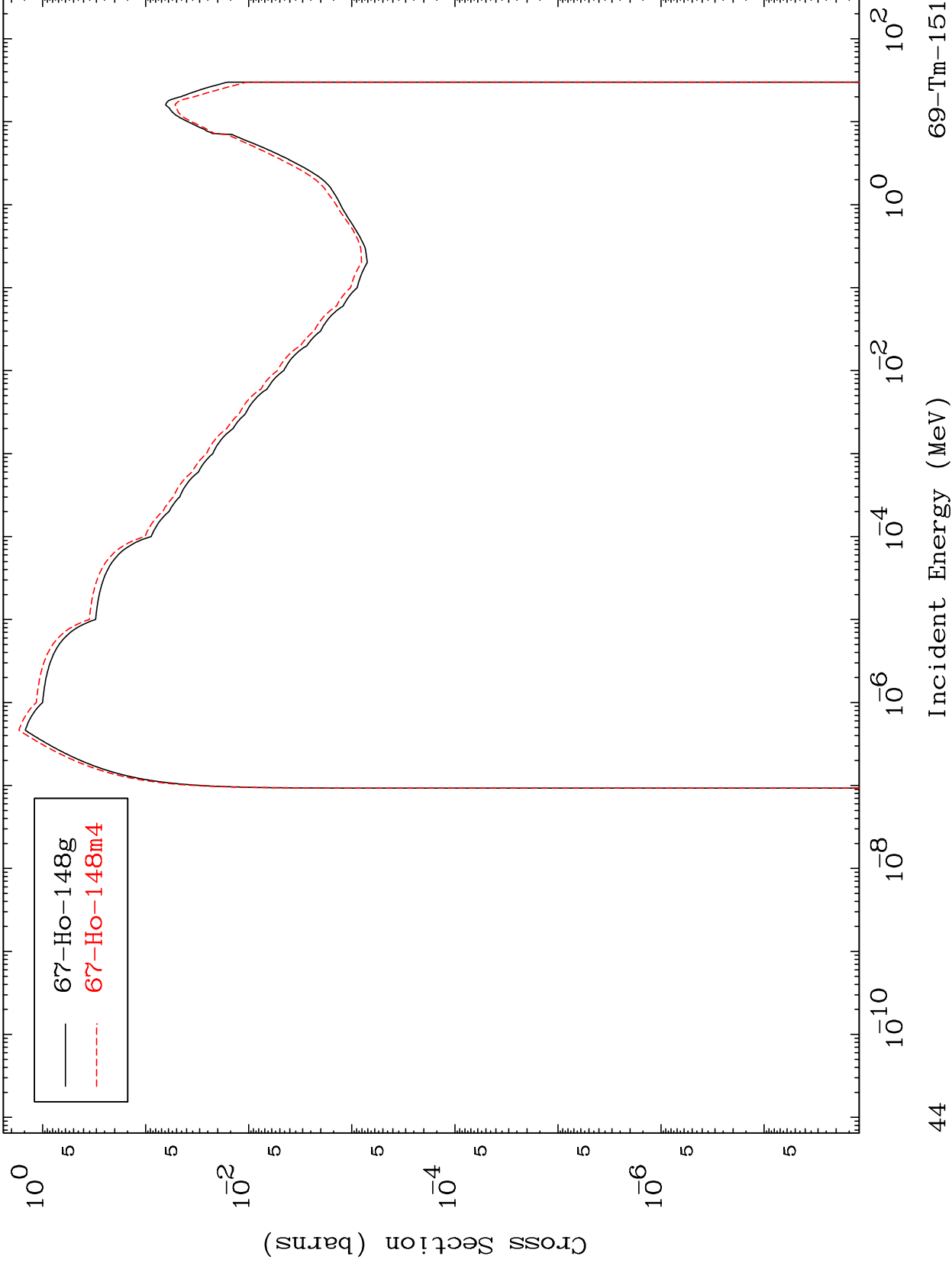
Incident Energy (MeV)

69-Tm-151

MAT 6871

69-Tm-151

Radionuclide Production Cross Section  
(n,  $\alpha$ )



44

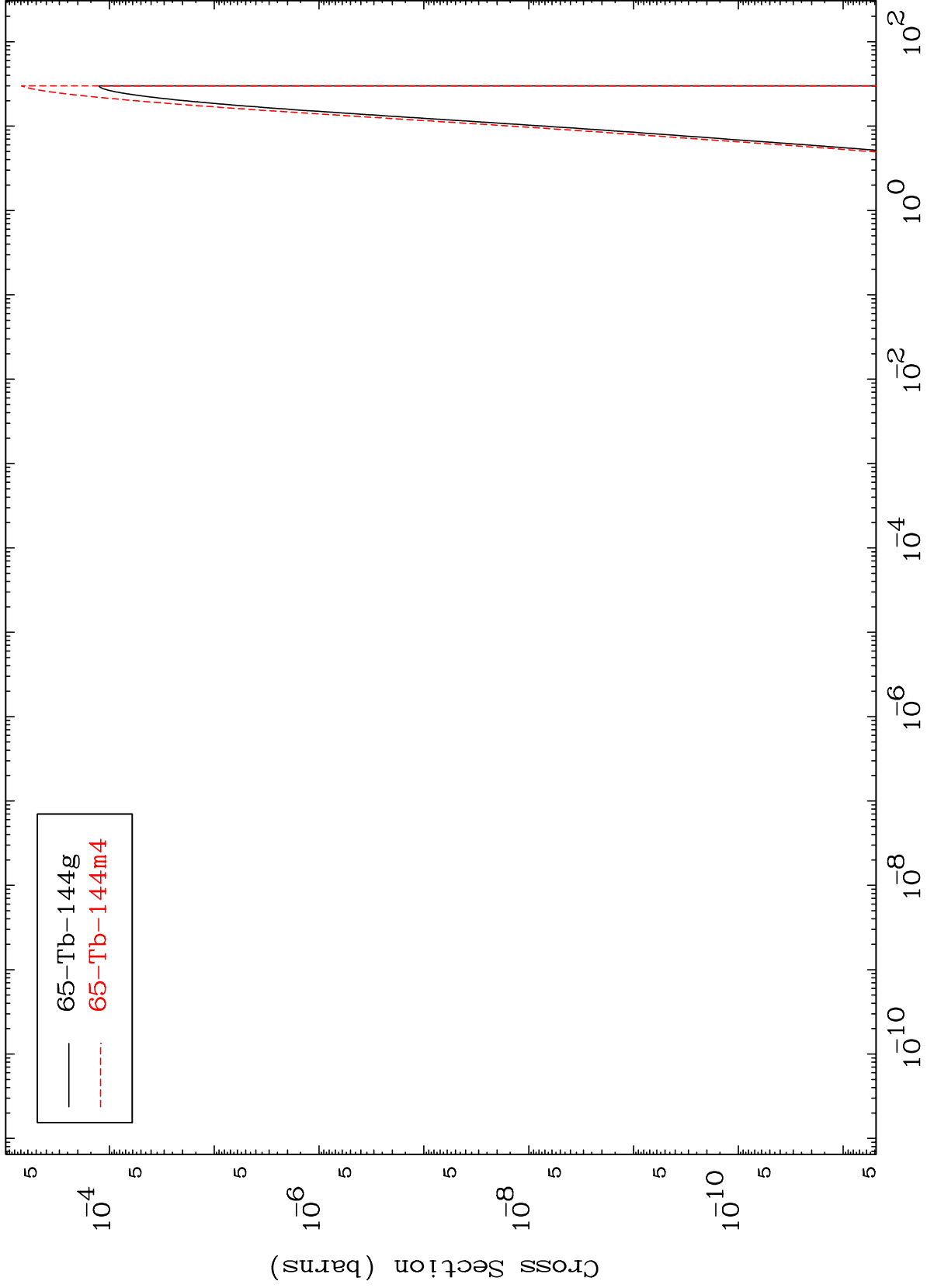
69-Tm-151

MAT 6871

(n,2α)

69-Tm-151

Radionuclide Production Cross Section



45

Incident Energy (MeV)

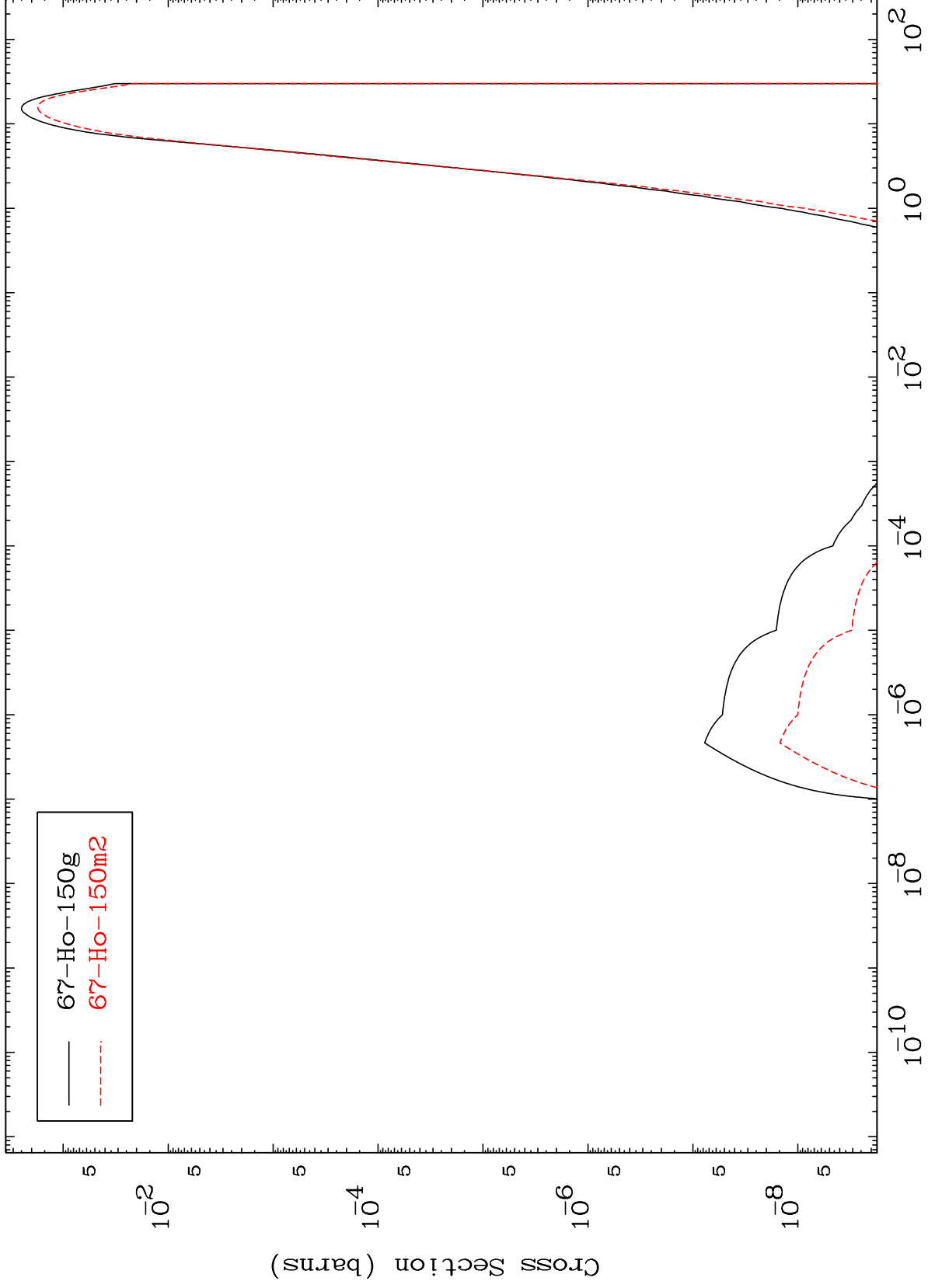
69-Tm-151

MAT 6871

(n,2p)

69-Tm-151

Radionuclide Production Cross Section



46

Incident Energy (MeV)

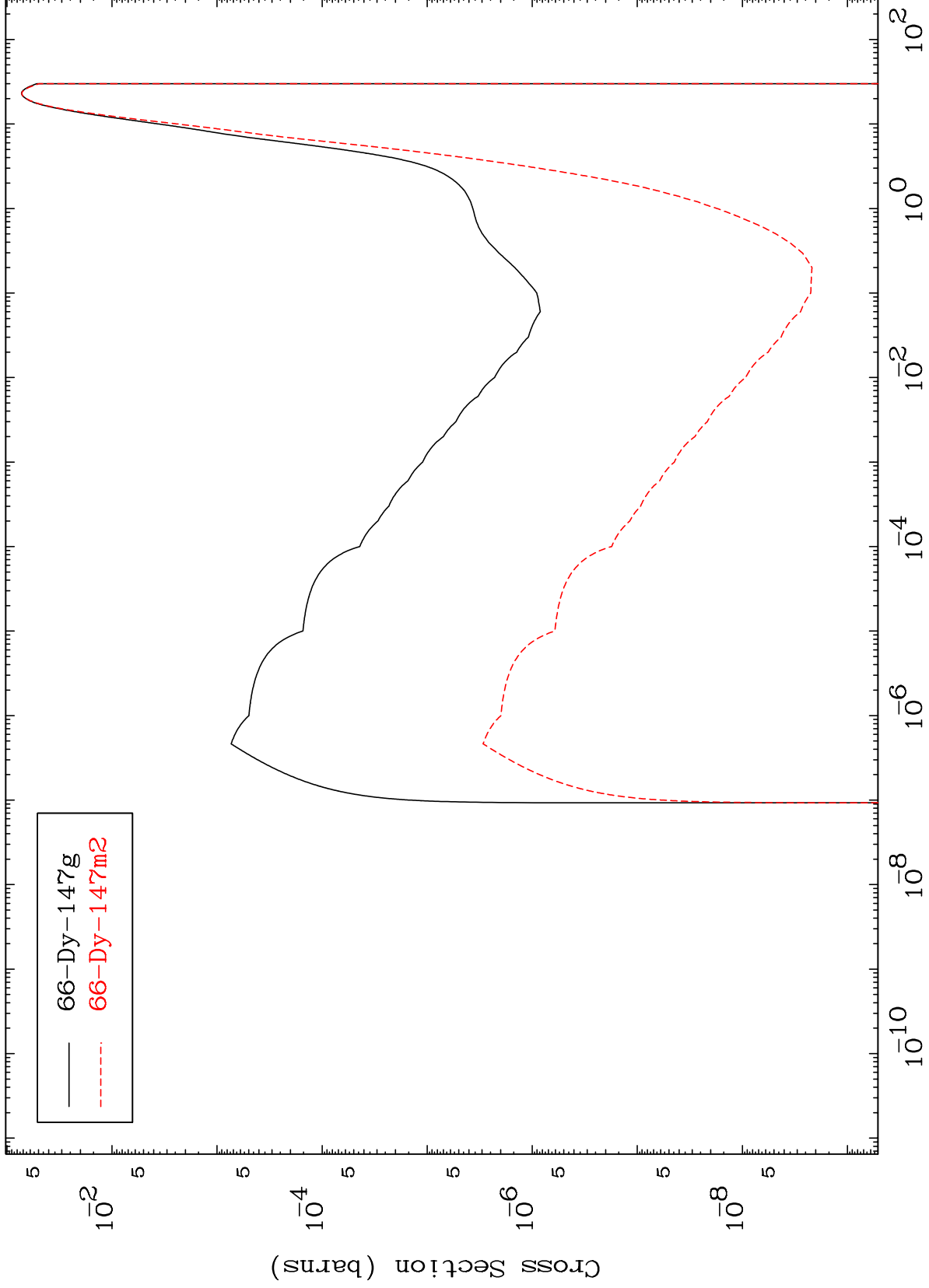
69-Tm-151

MAT 6871

(n,p)  $\alpha$

69-Tm-151

Radionuclide Production Cross Section



47

Incident Energy (MeV)

69-Tm-151

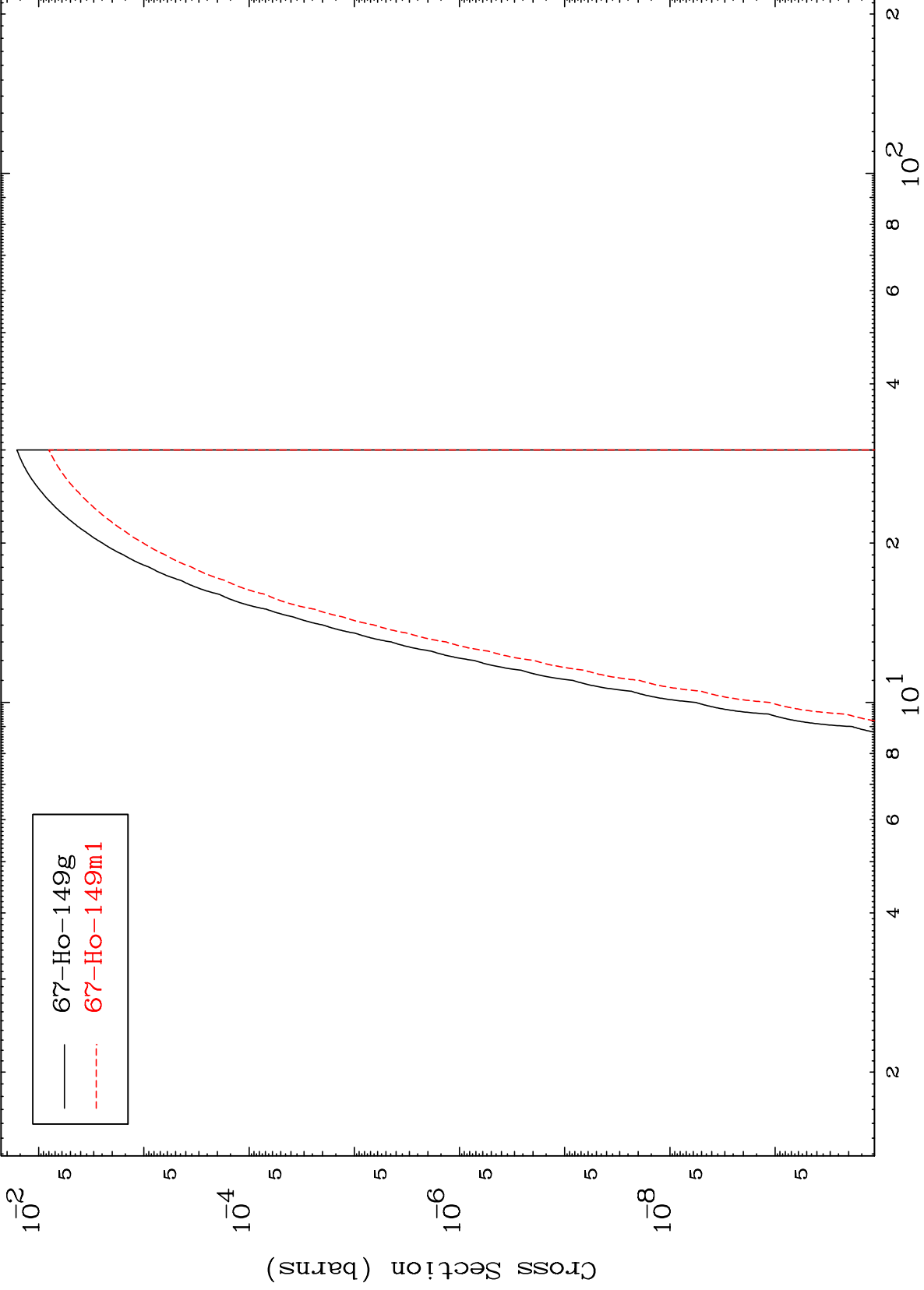


MAT 6871

(n,p) d

69-Tm-151

Radionuclide Production Cross Section



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

48

Incident Energy (MeV)

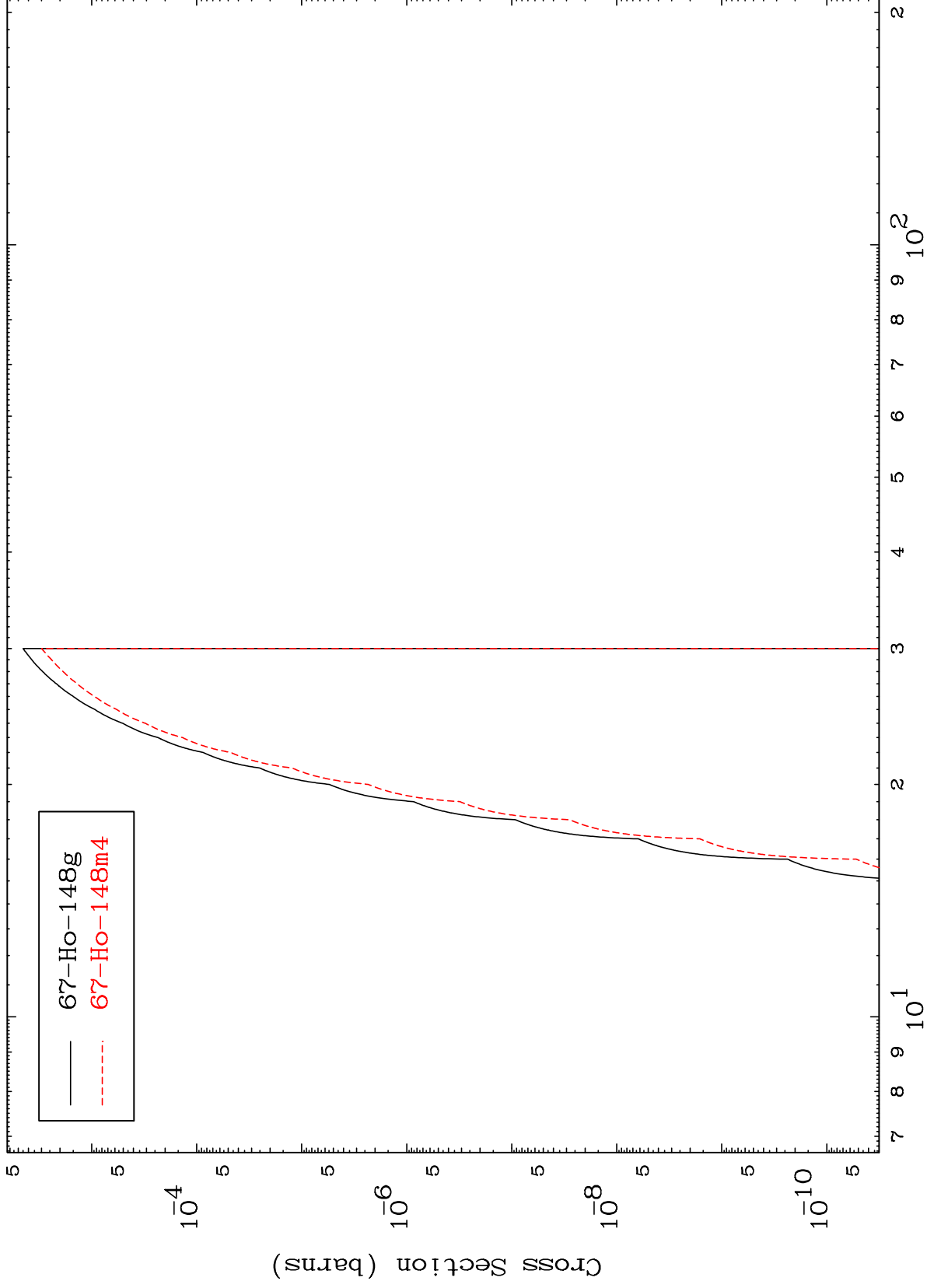
69-Tm-151

MAT 6871

(n,p) t

69-Tm-151

Radionuclide Production Cross Section



49

Incident Energy (MeV)

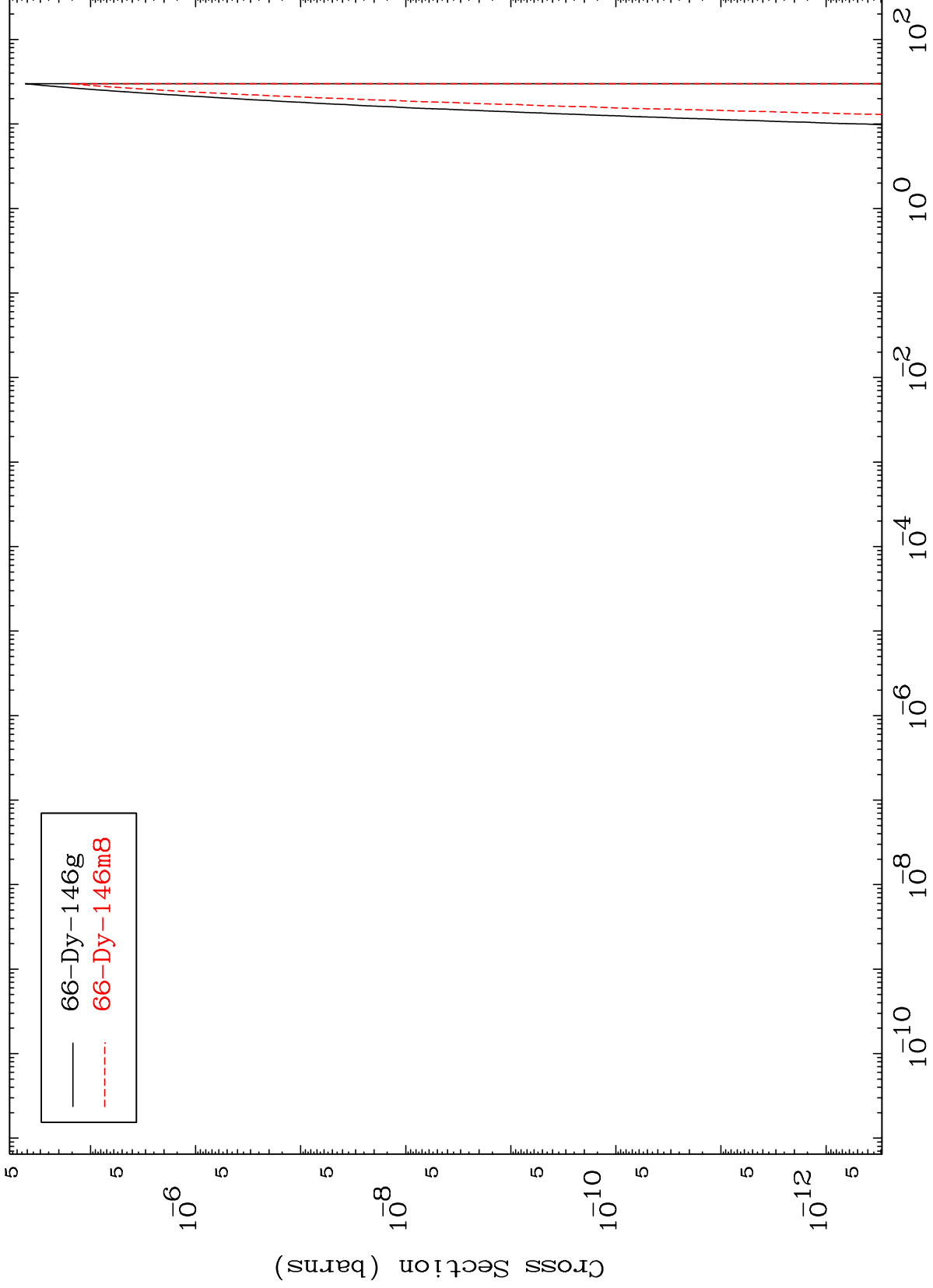
69-Tm-151

MAT 6871

(n,d)  $\alpha$

69-Tm-151

Radionuclide Production Cross Section



50

Incident Energy (MeV)

69-Tm-151