

Program EVALPLOT  
(Version 2021-1)

by

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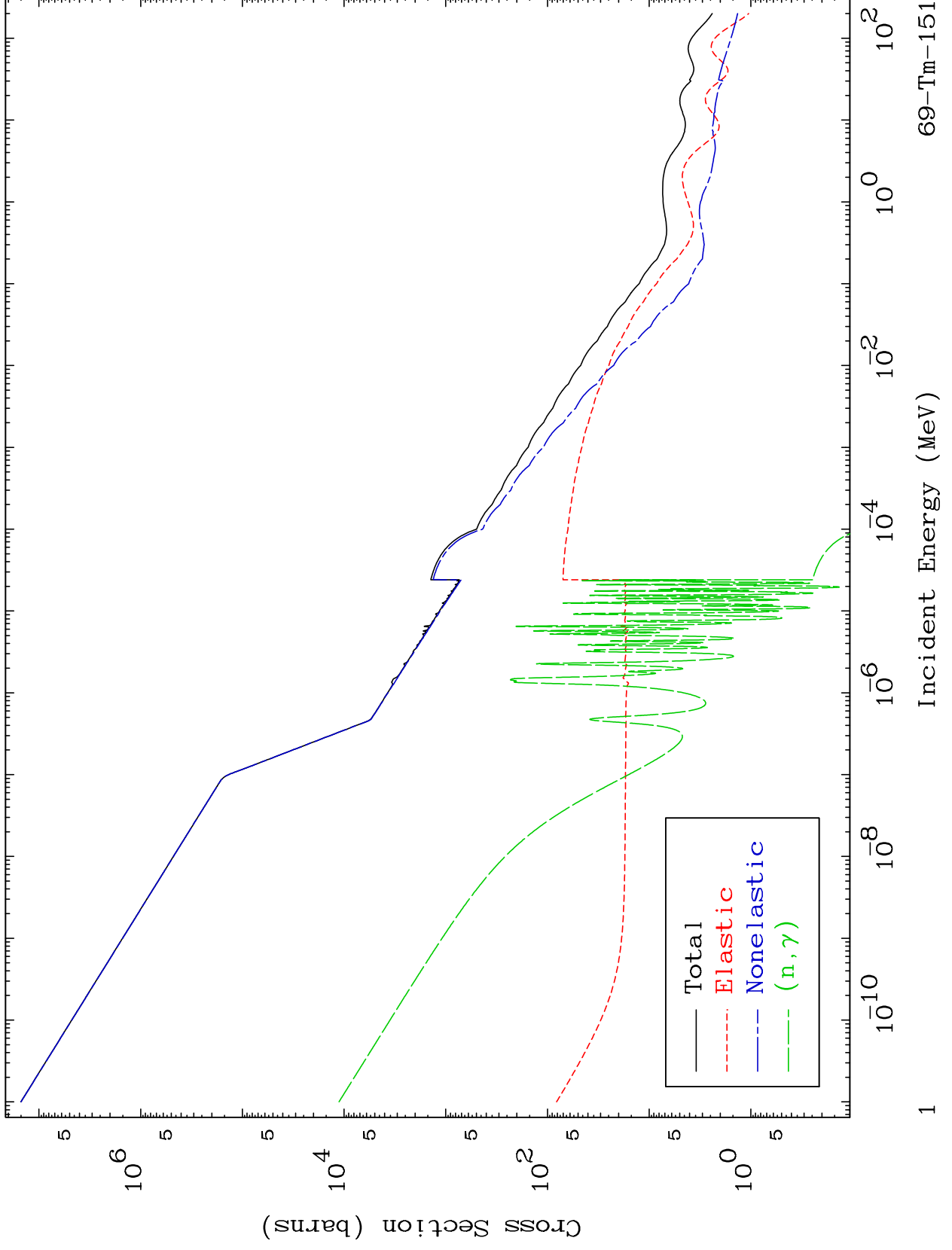
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6871

Neutron Major  
293 Kelvin Cross Sections

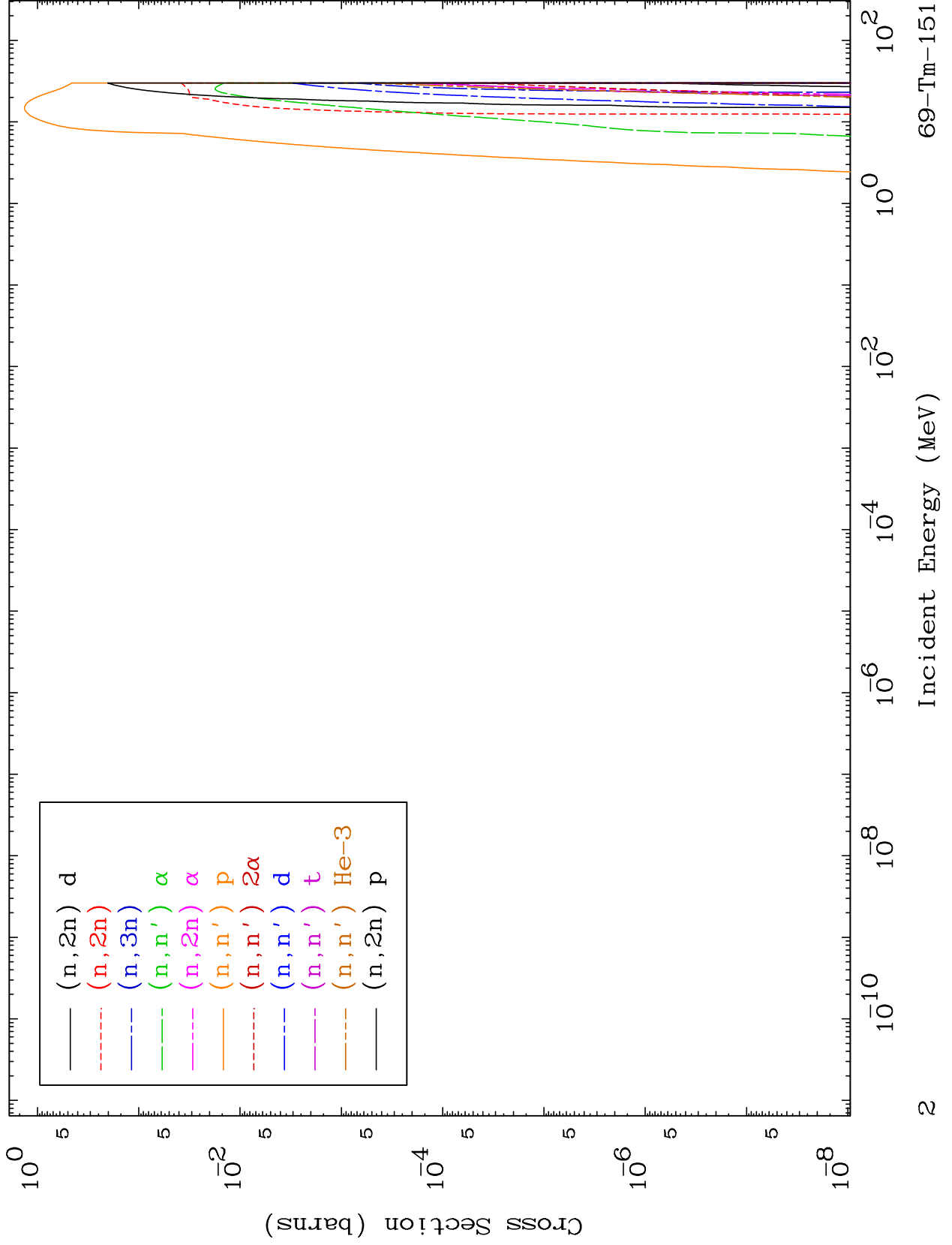
69-Tm-151

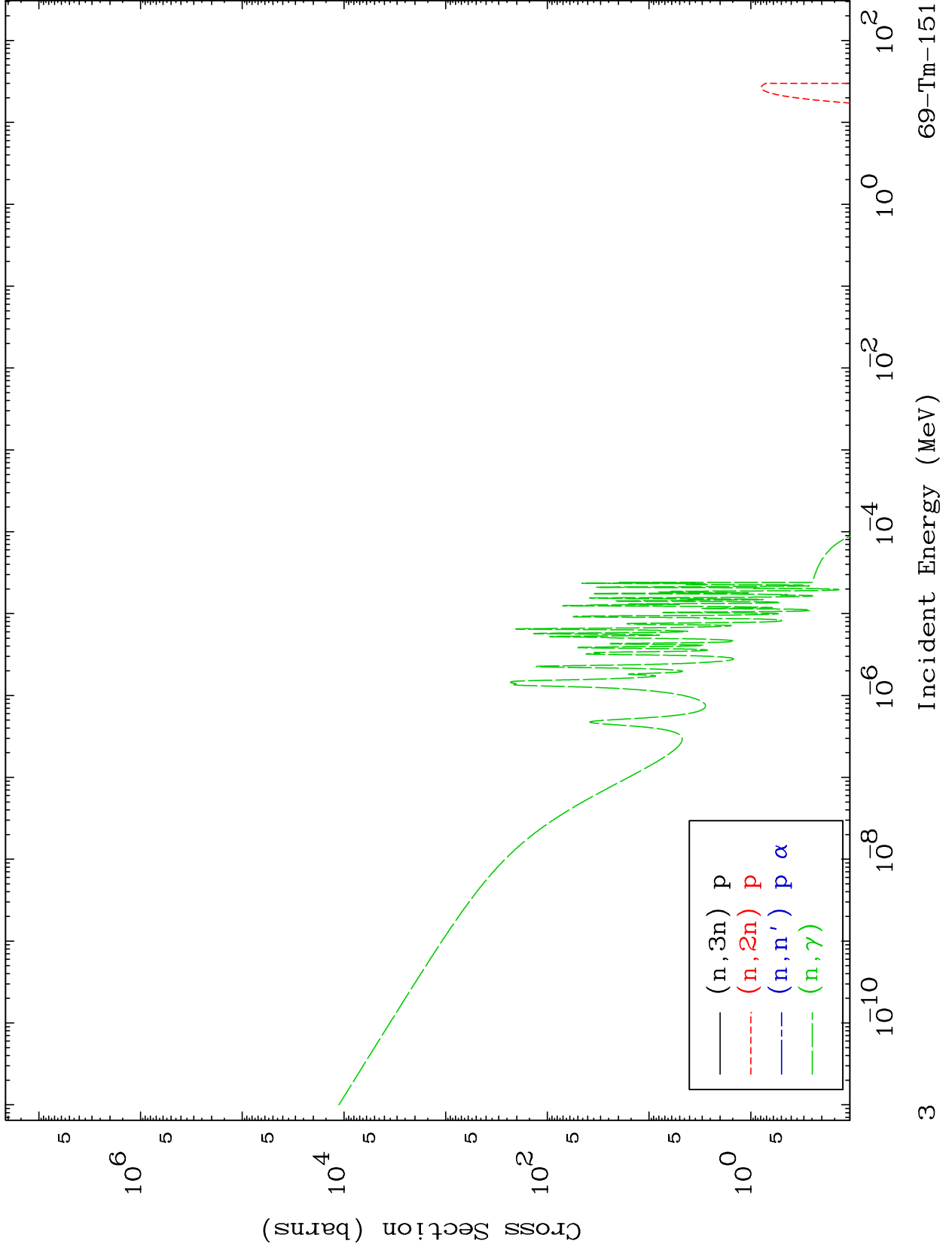


MAT 6871

Neutron Absorption  
293 Kelvin Cross Sections

69-Tm-151

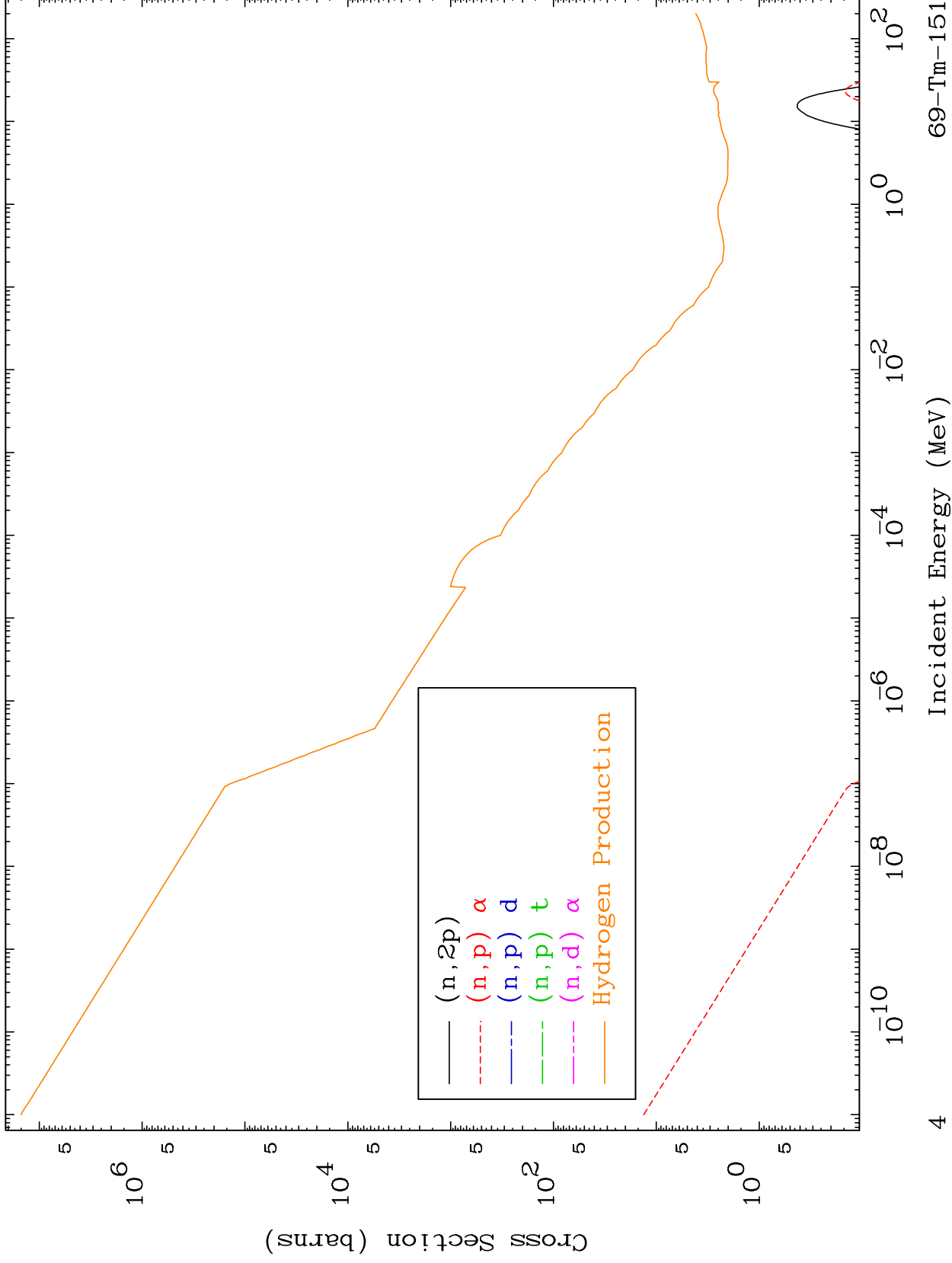




MAT 6871

Neutron Absorption  
293 Kelvin Cross Sections

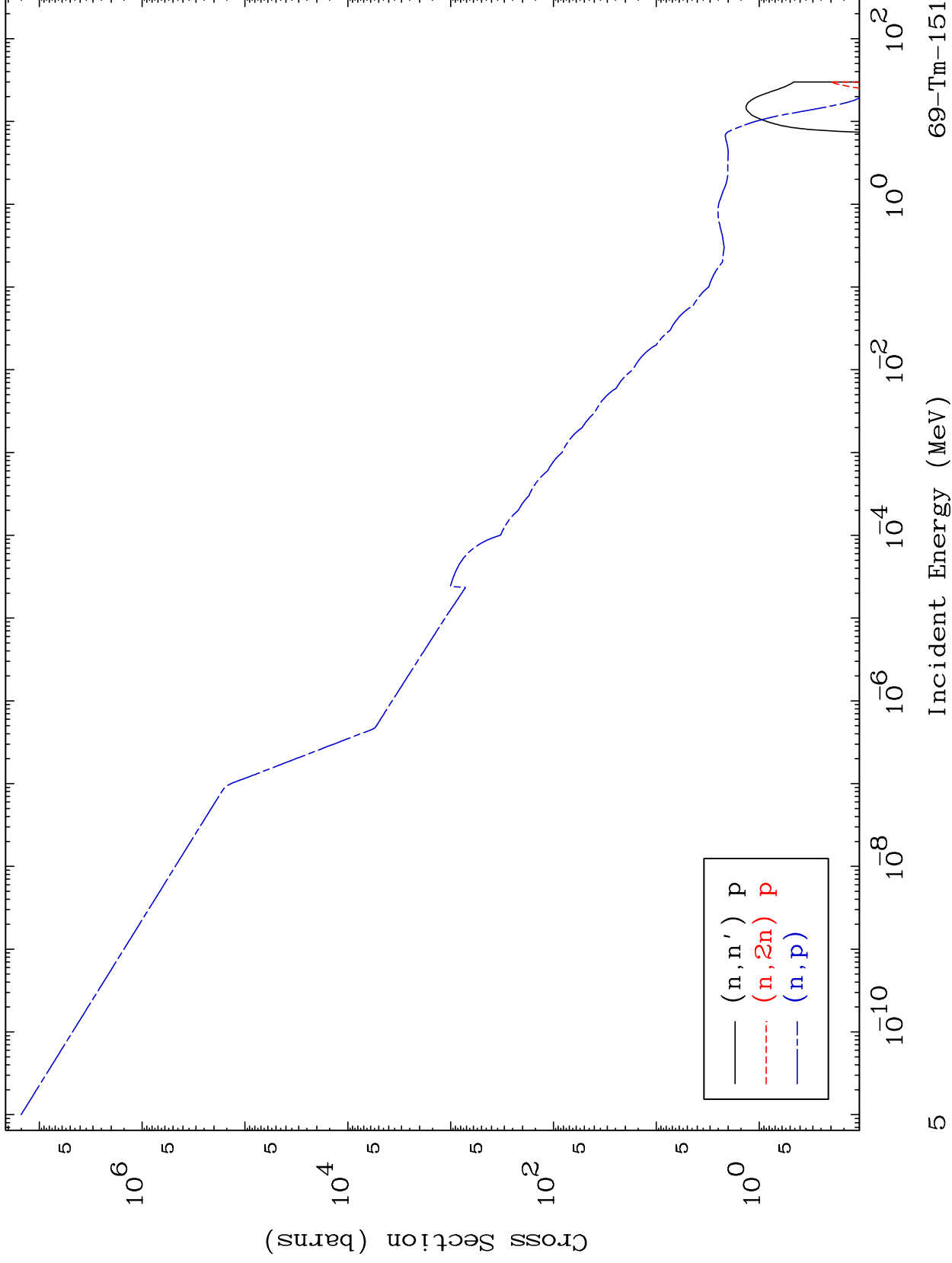
69-Tm-151



MAT 6871

Charged Particle  
293 Kelvin Cross Sections

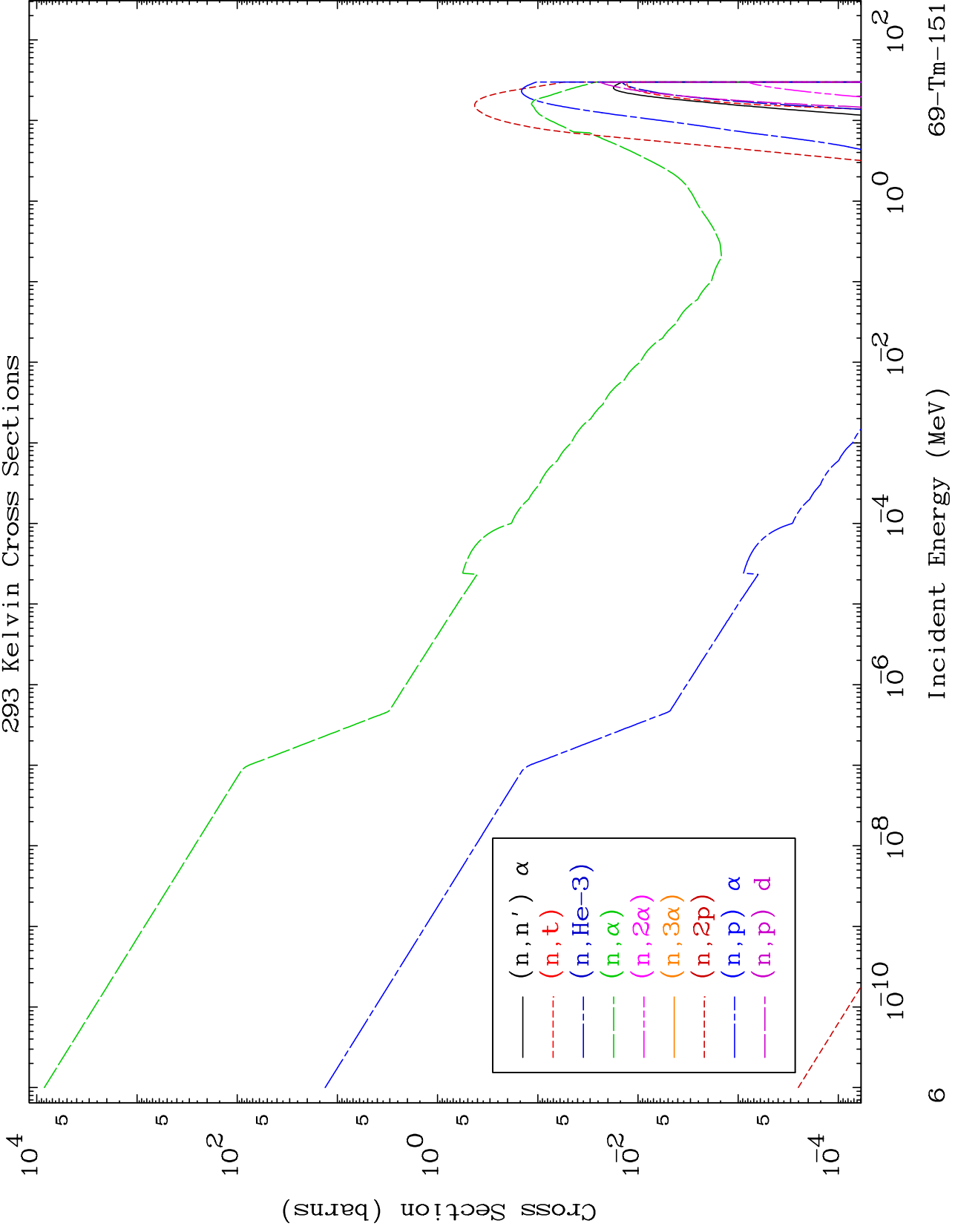
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MAT 6871

Charged Particle  
293 Kelvin Cross Sections

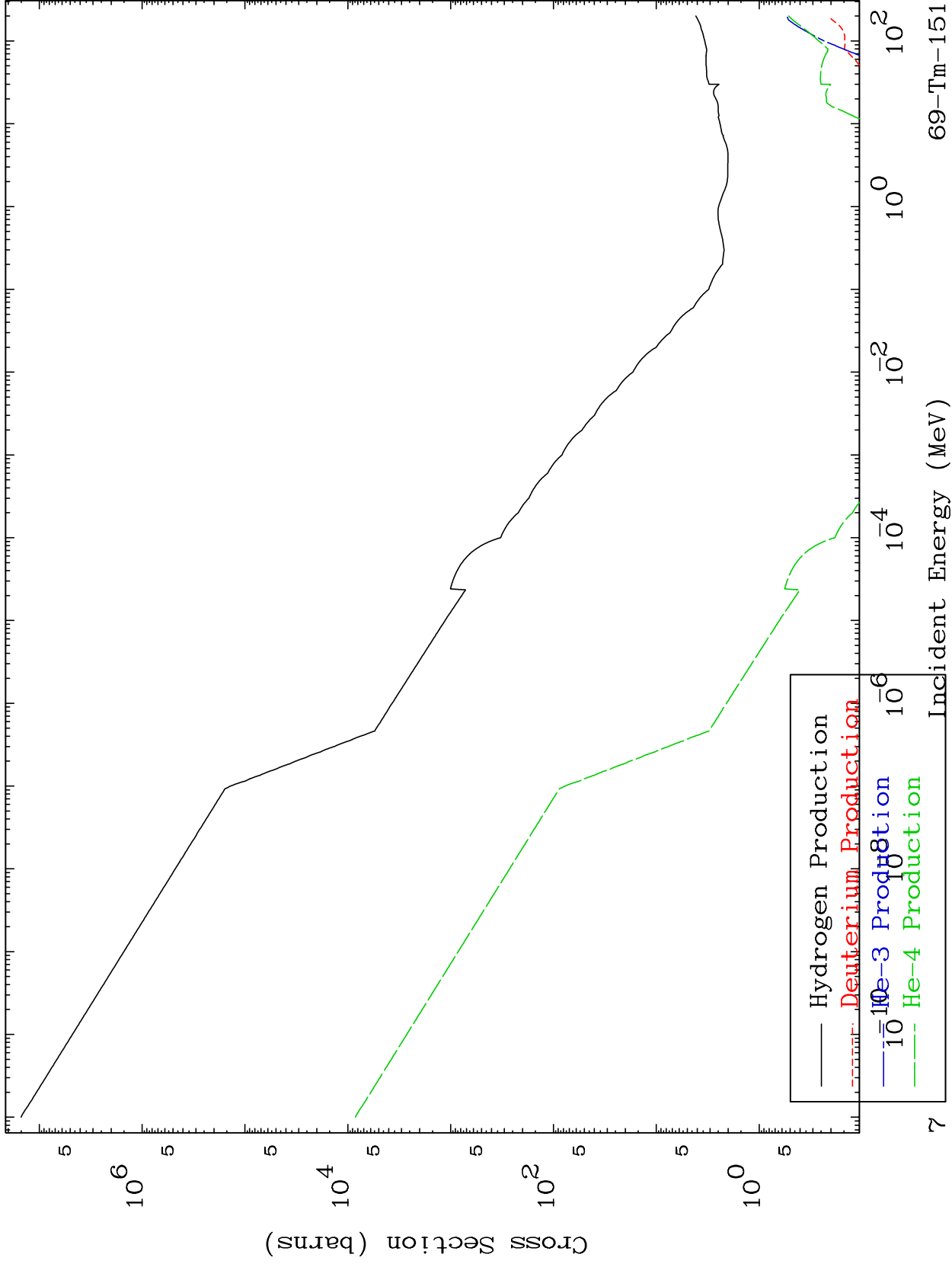
69-Tm-151



MAT 6871

Particle Production  
293 Kelvin Cross Sections

69-Tm-151



Incident Energy (MeV)

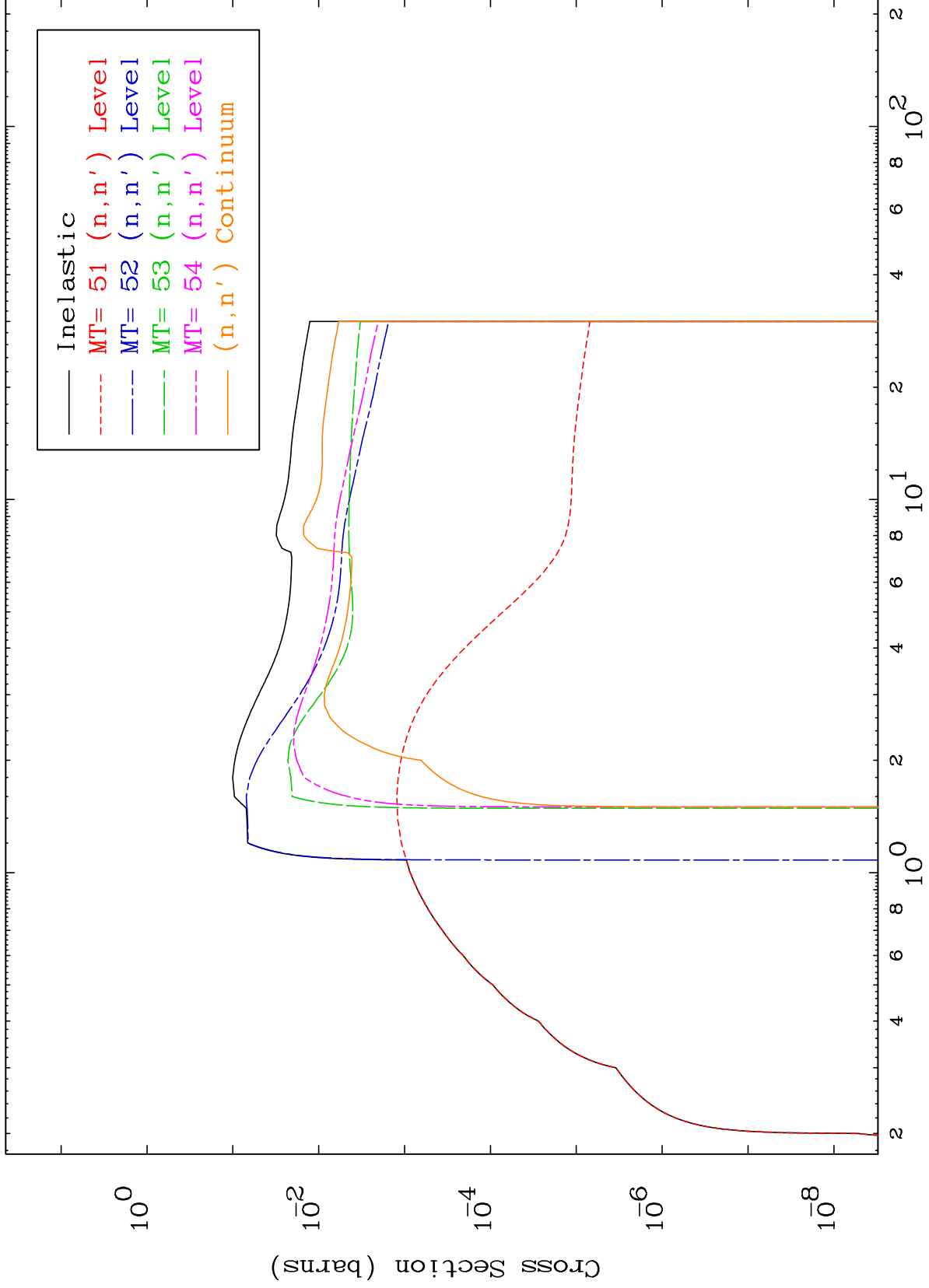
69-Tm-151

MAT 6871

(n,n') Levels

69-Tm-151

293 Kelvin Cross Sections



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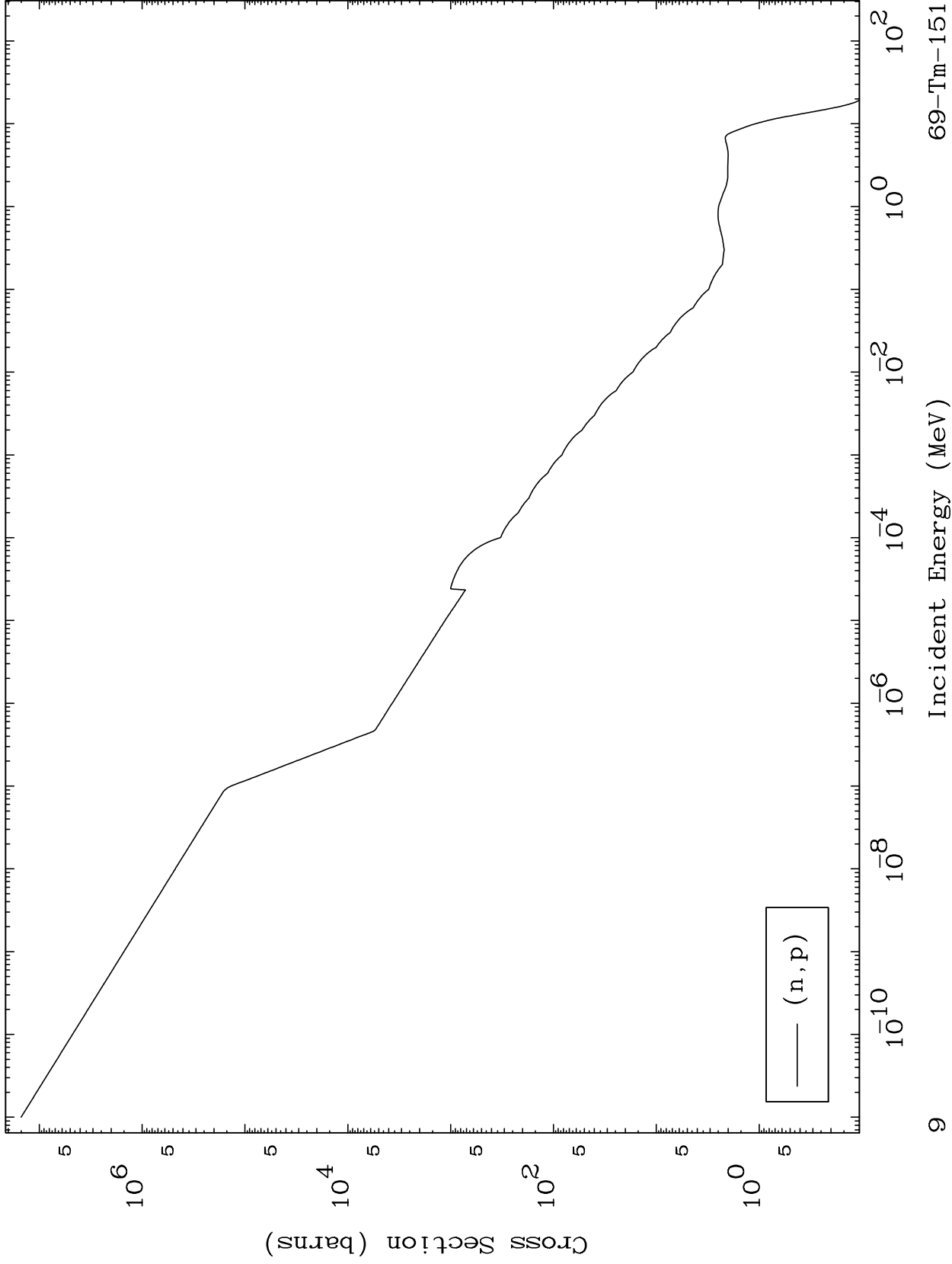
Incident Energy (MeV)

69-Tm-151

MAT 6871

(n,p) Levels  
293 Kelvin Cross Sections

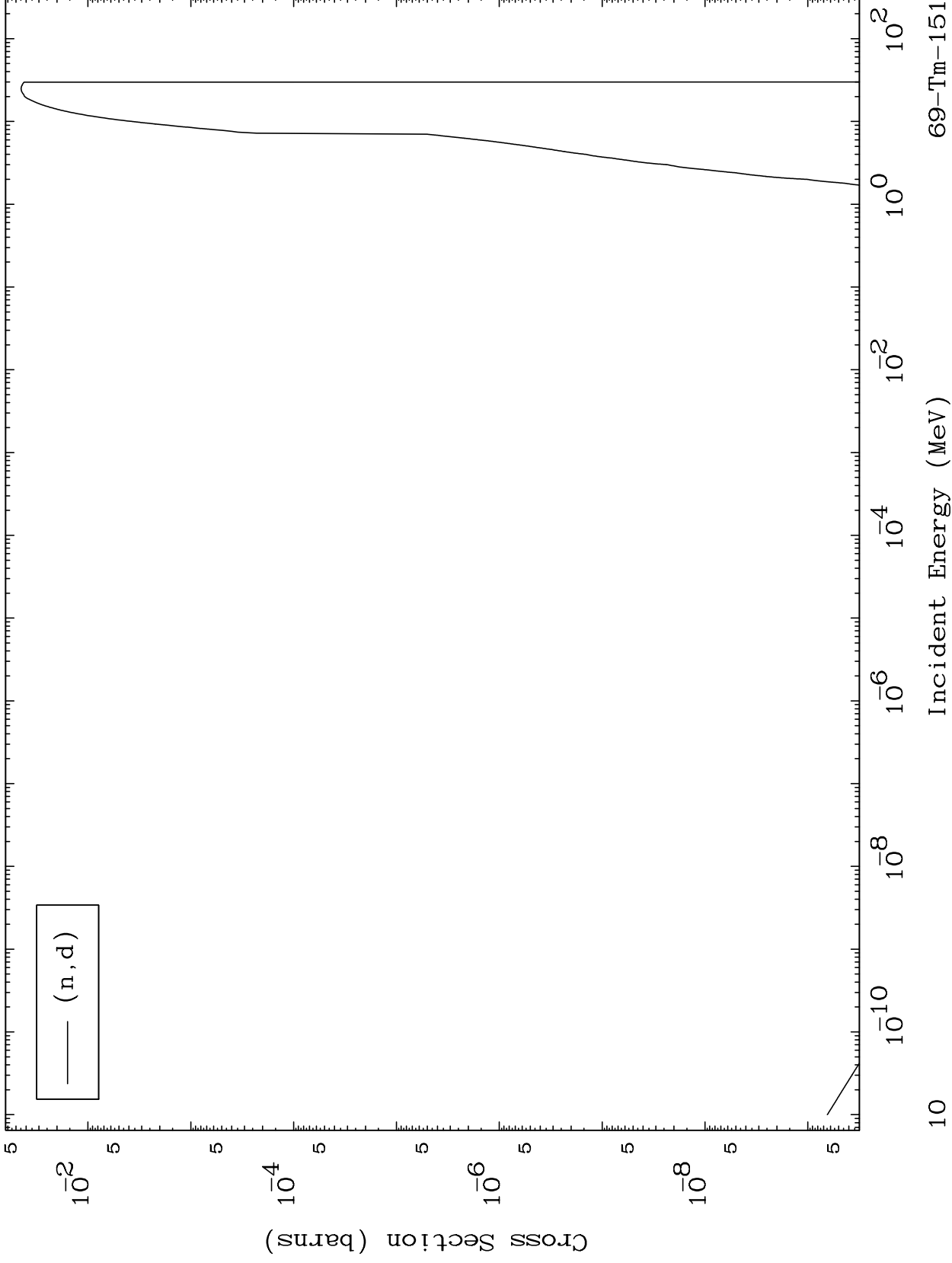
69-Tm-151



MAT 6871

(n,d) Levels  
293 Kelvin Cross Sections

69-Tm-151



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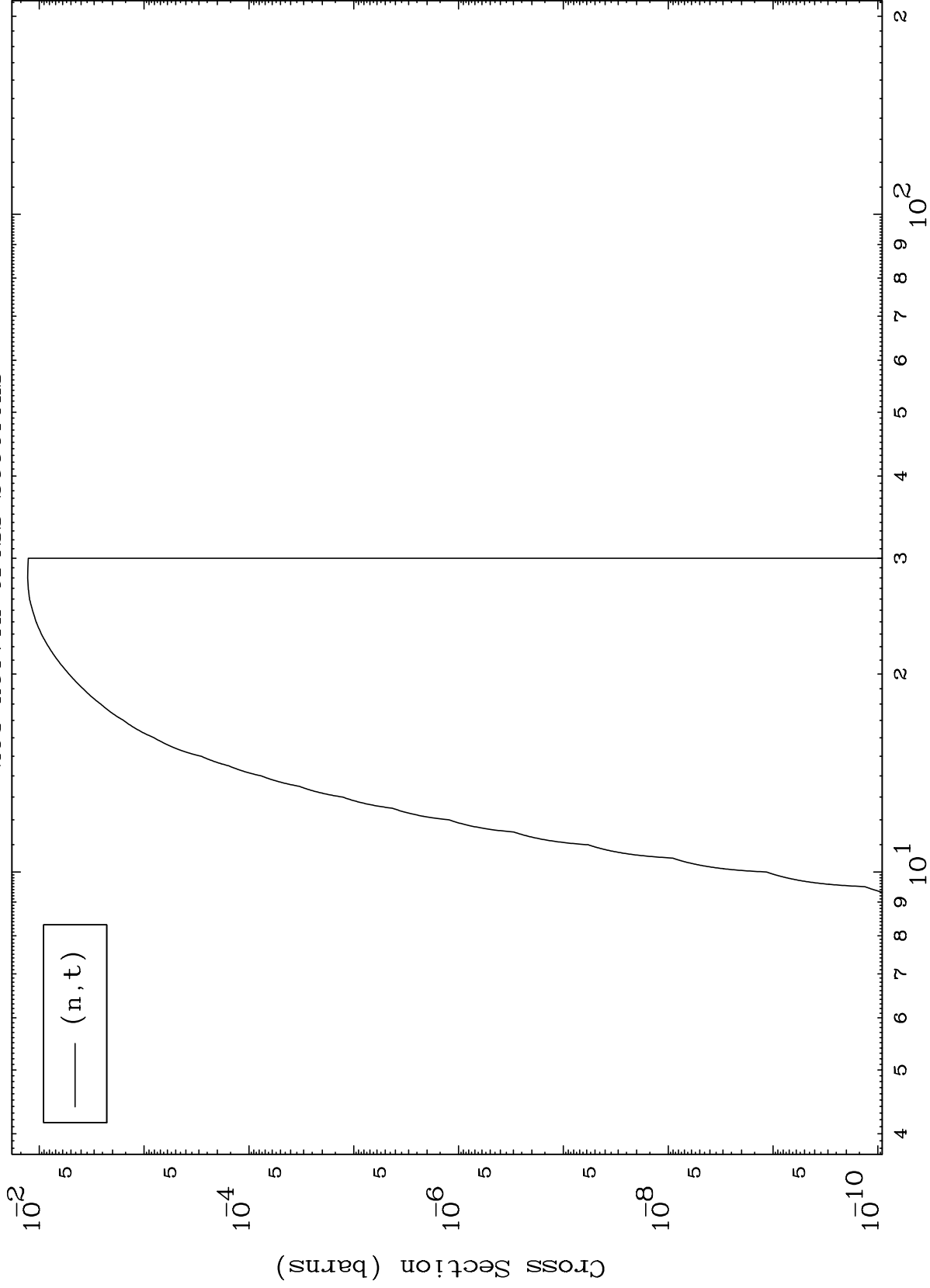
Incident Energy (MeV)

69-Tm-151

MAT 6871

(n,t) Levels  
293 Kelvin Cross Sections

69-Tm-151



11

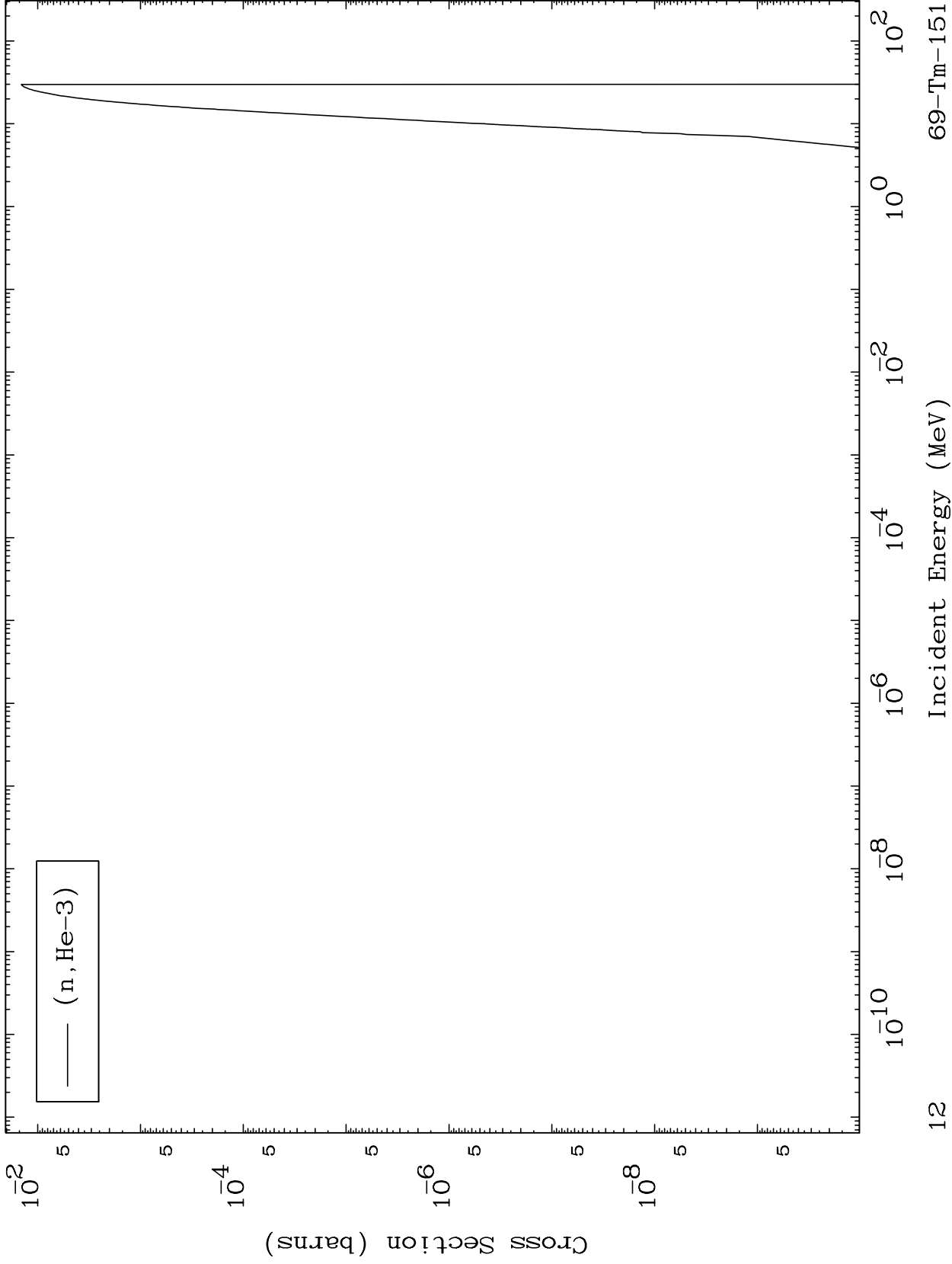
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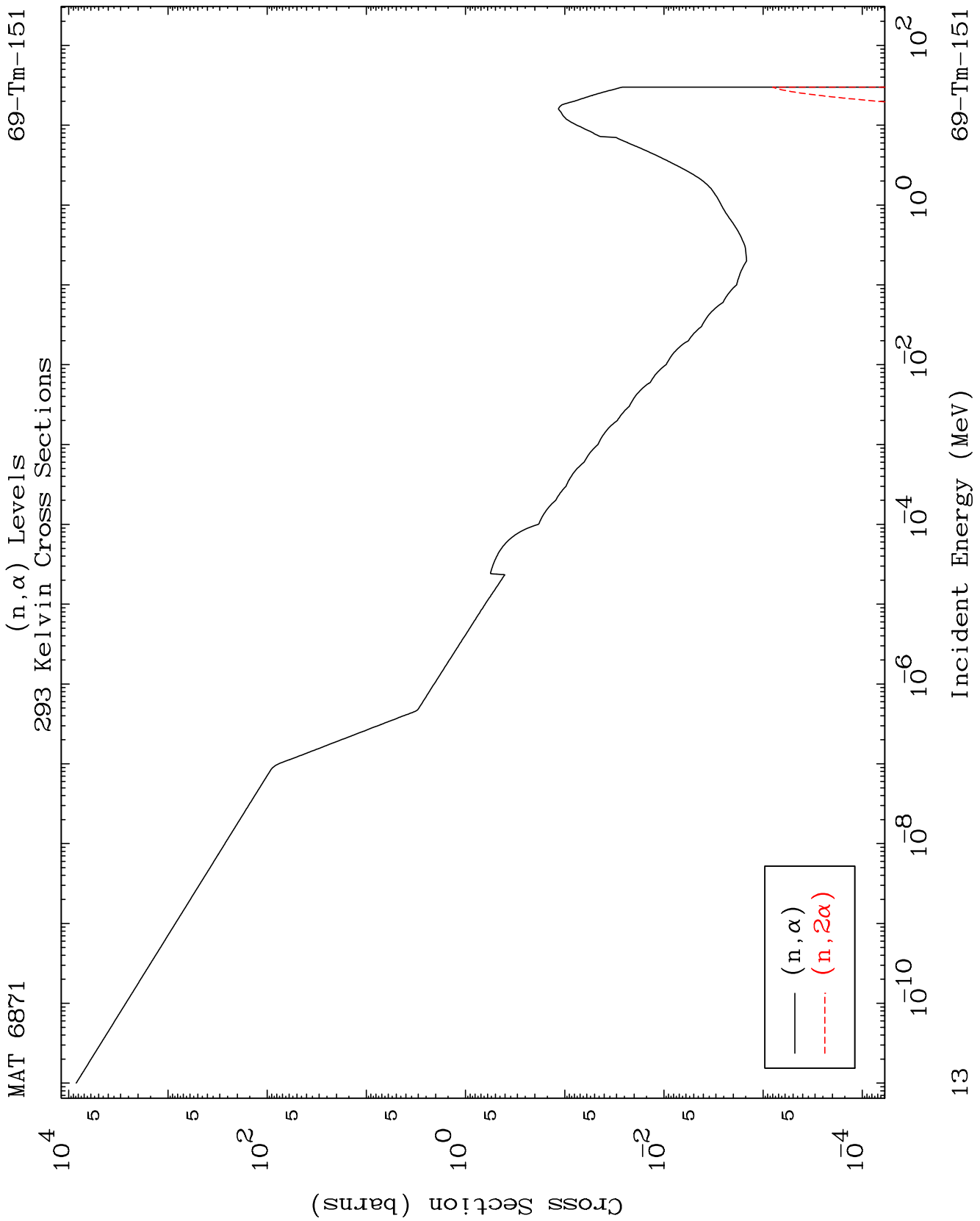
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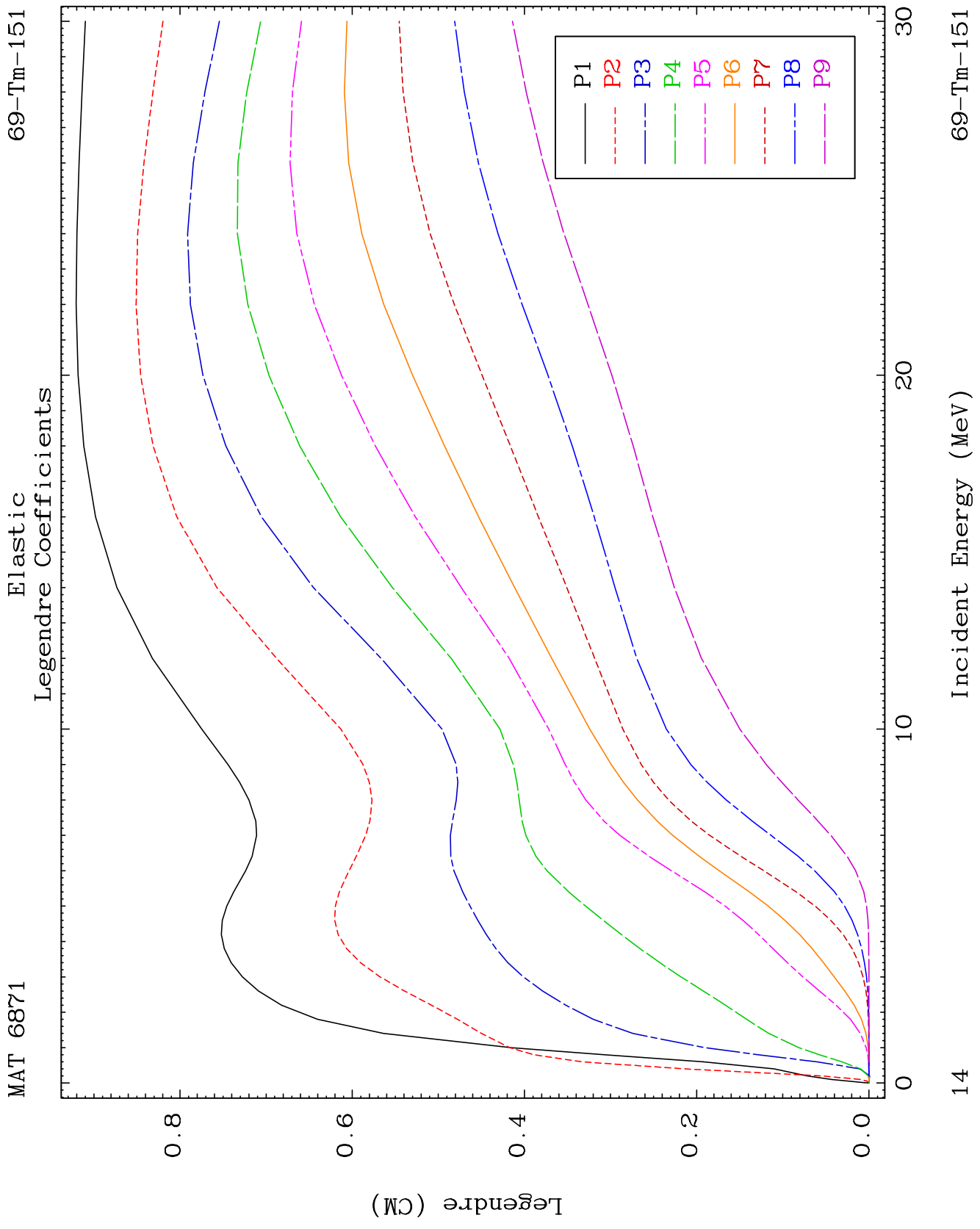
MAT 6871

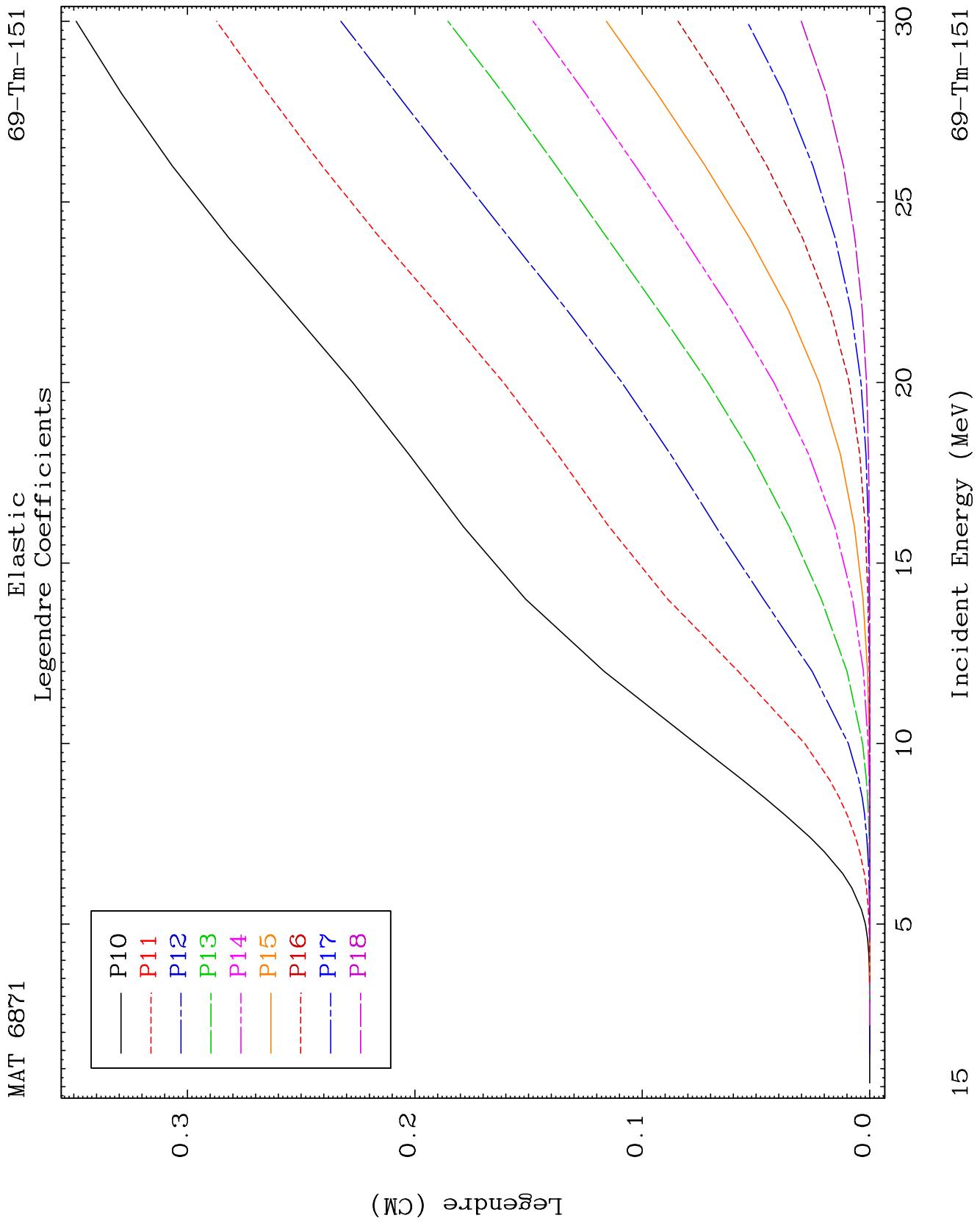
(n,He3) Levels  
293 Kelvin Cross Sections

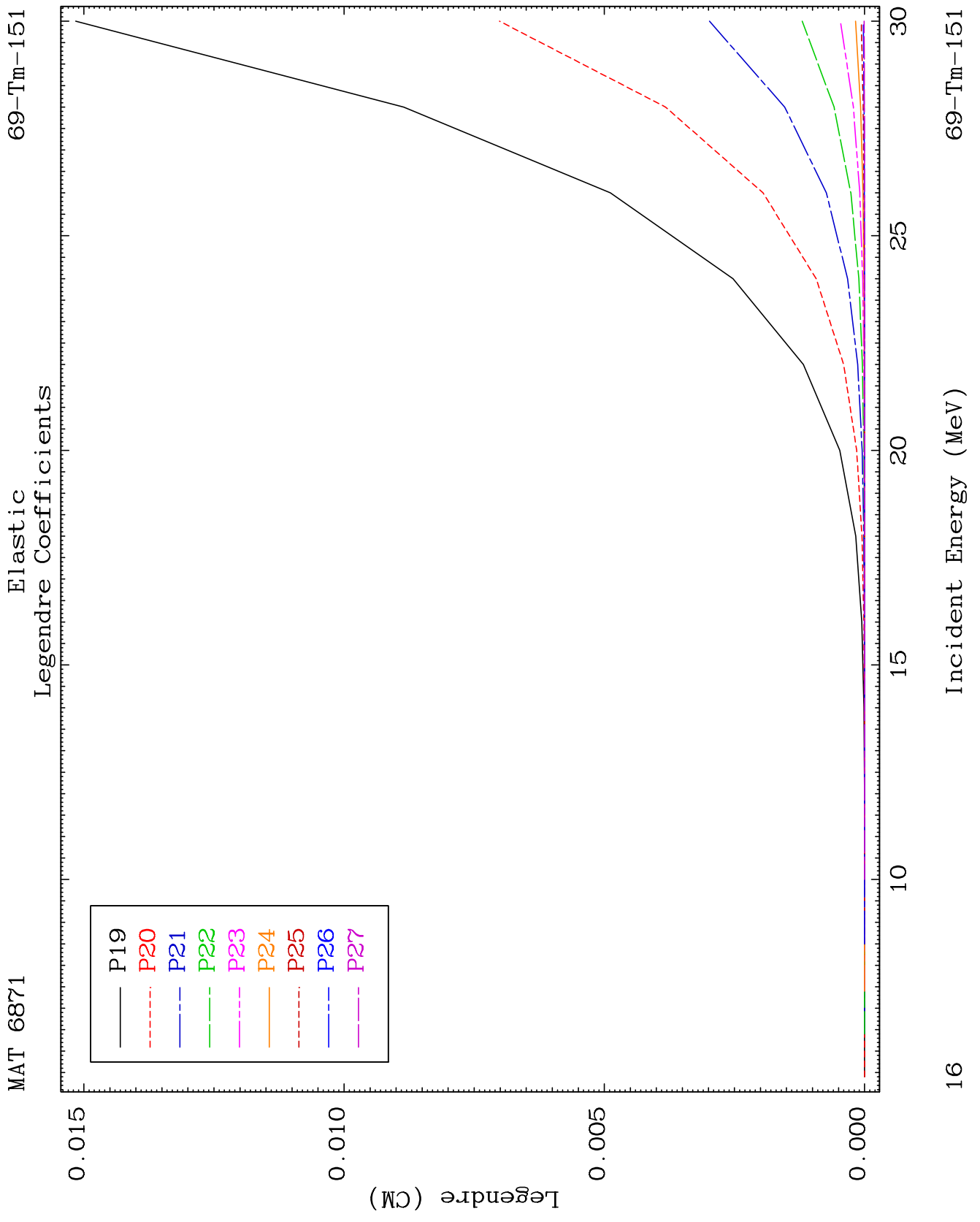
69-Tm-151







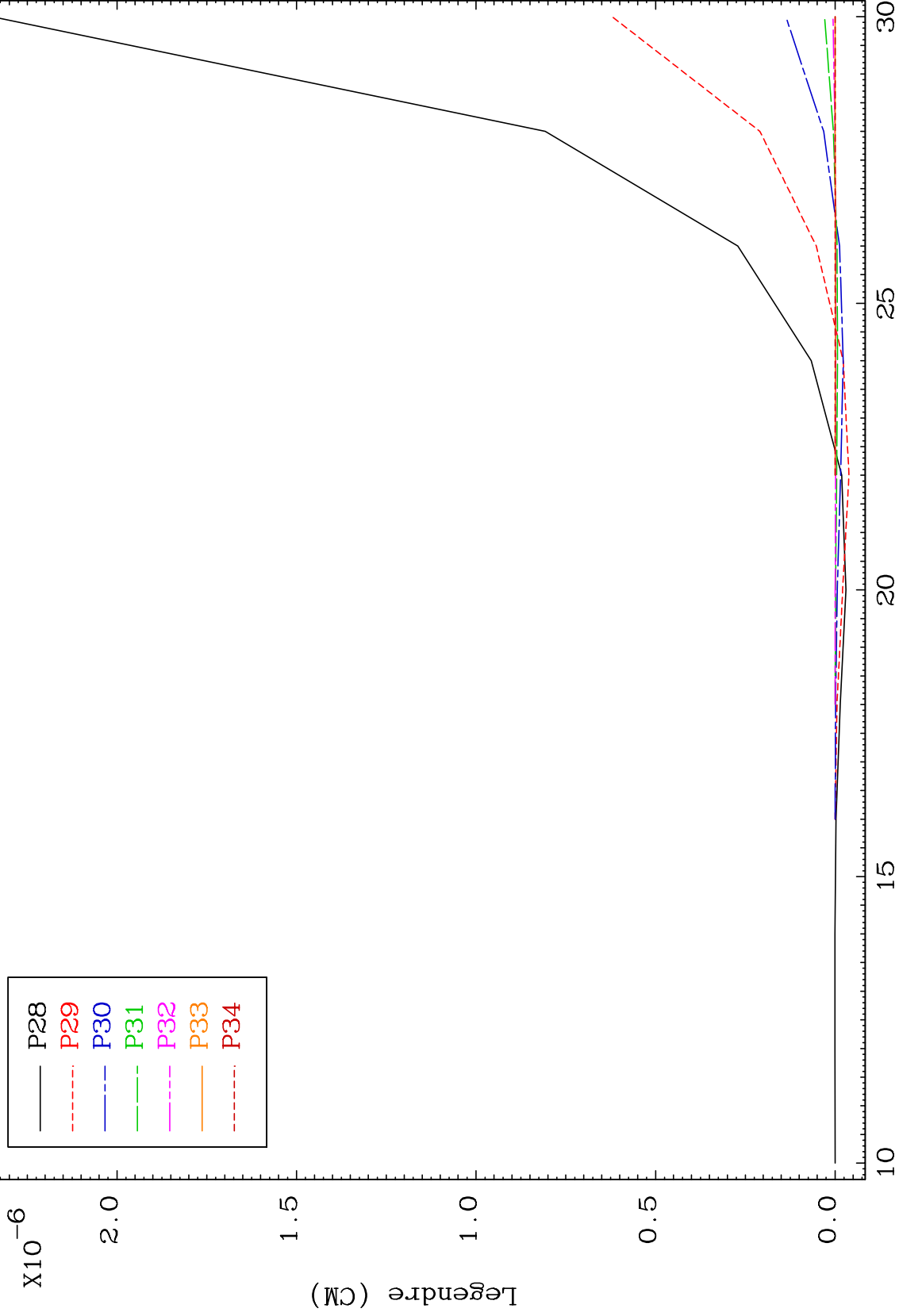
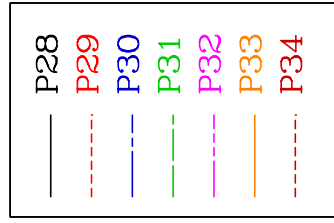




MAT 6871

Elastic  
Legendre Coefficients

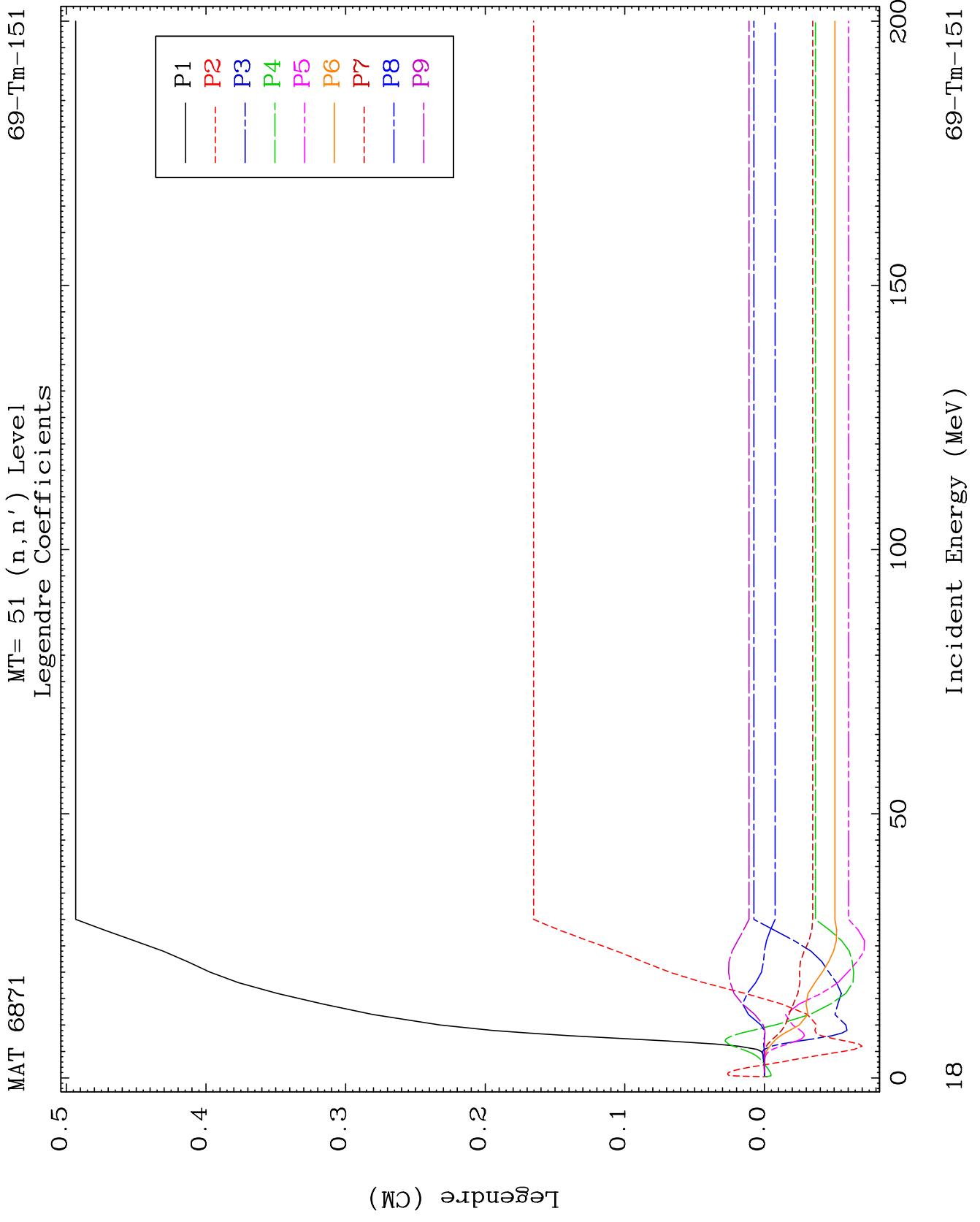
69-Tm-151



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Incident Energy (MeV)

69-Tm-151

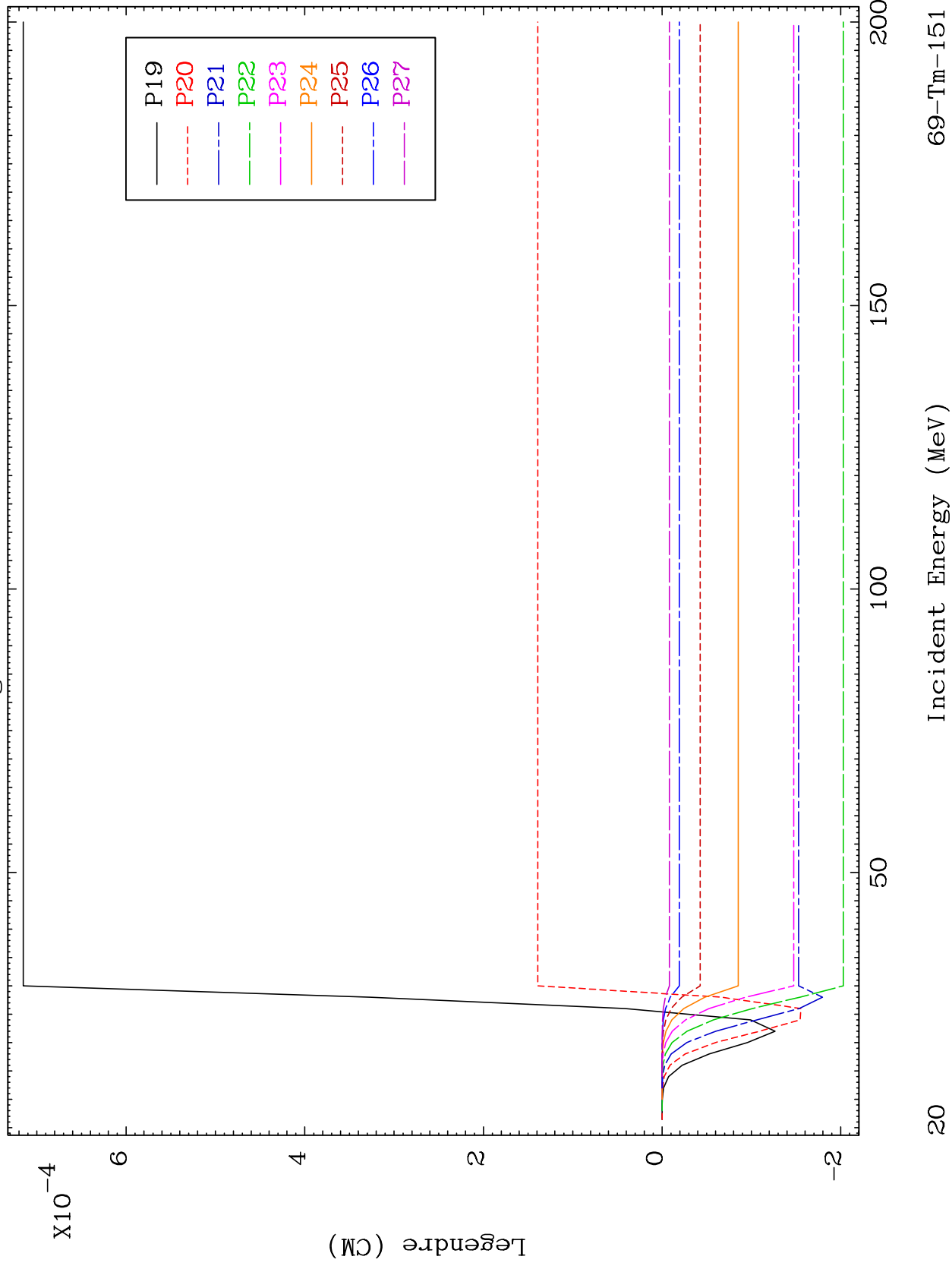




MAT 6871

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

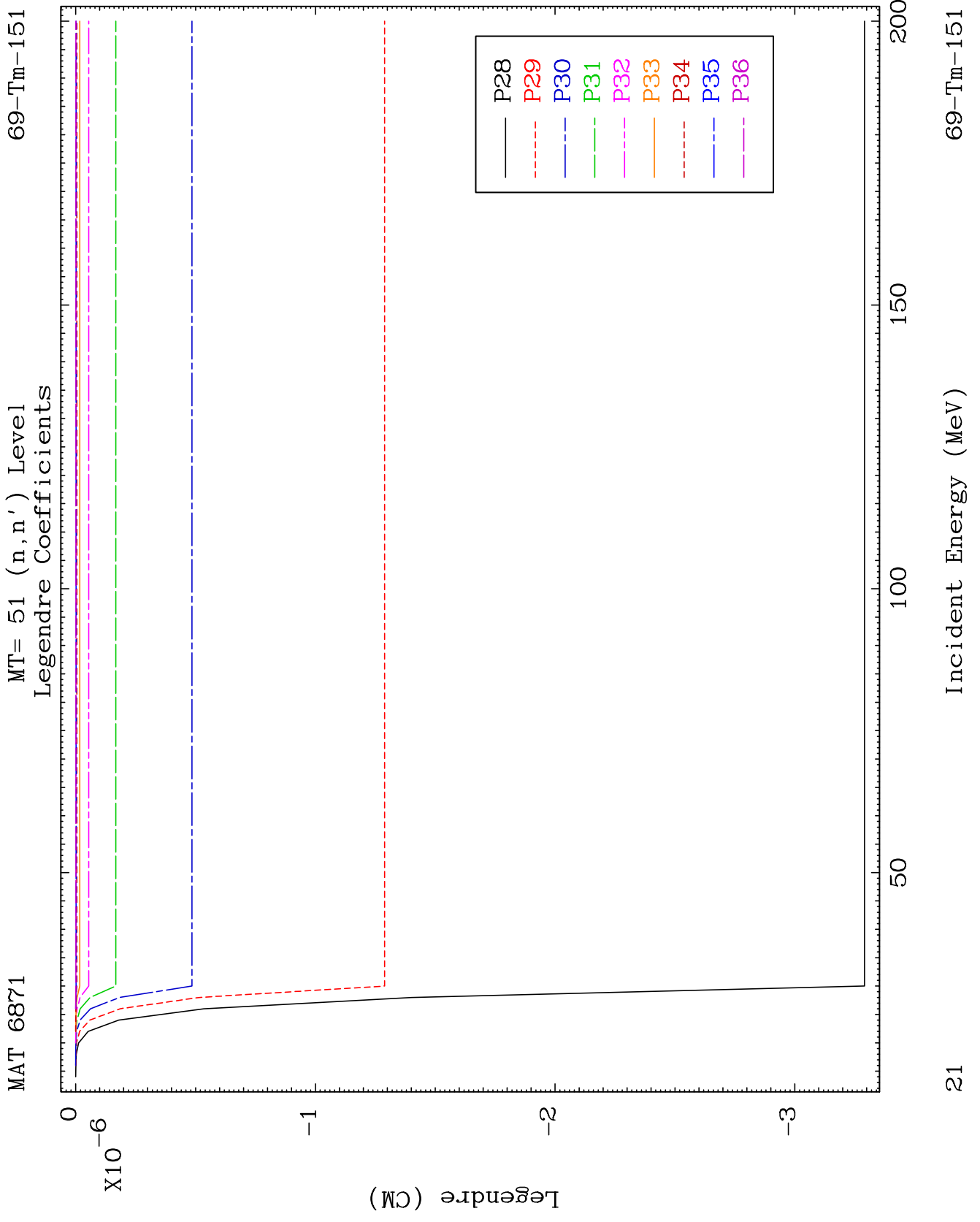
69-Tm-151



20

Incident Energy (MeV)

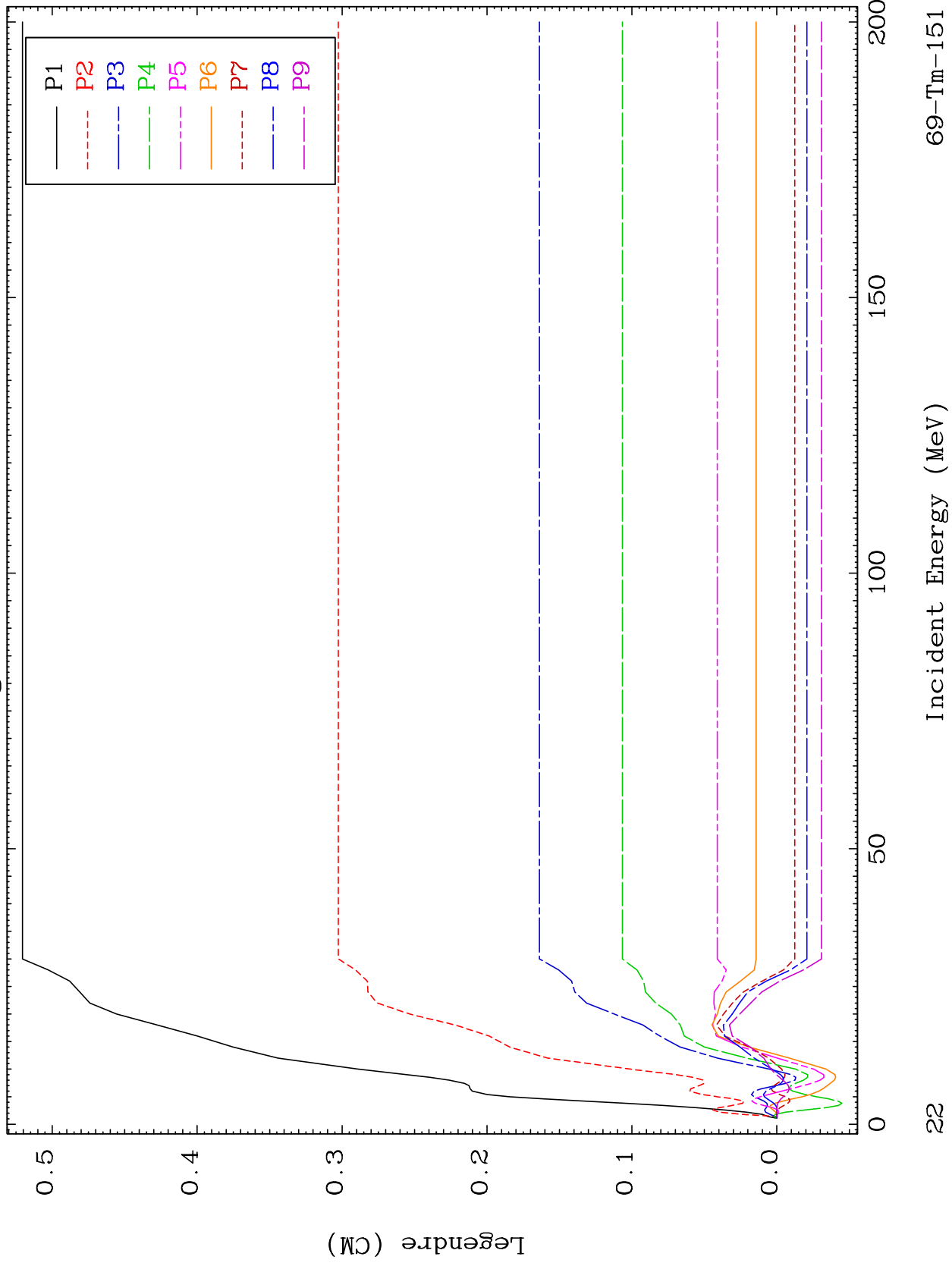
69-Tm-151



MAT 6871

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

69-Tm-151

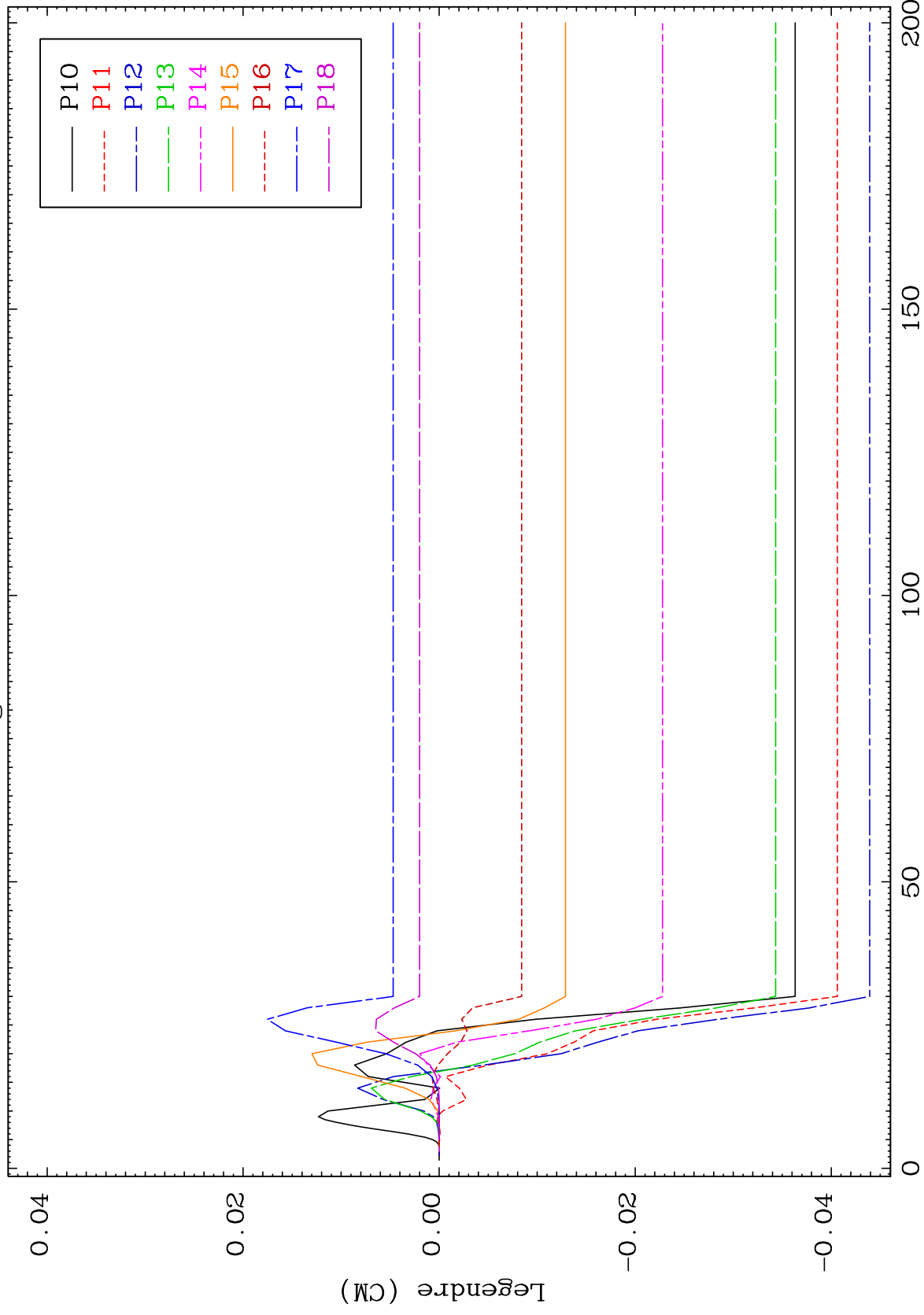


22

MAT 6871

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

69-Tm-151



23

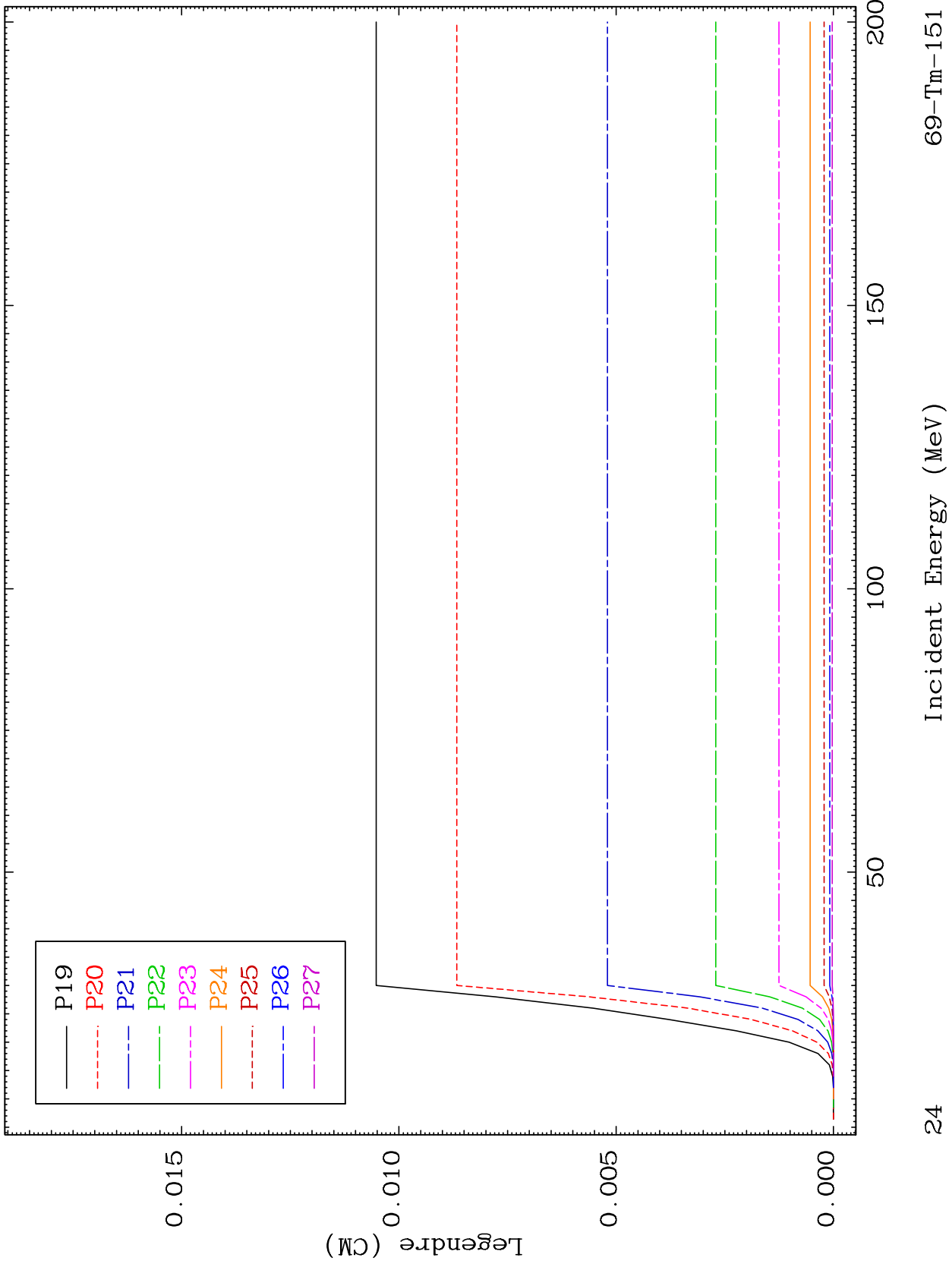
Incident Energy (MeV)

69-Tm-151

MAT 6871

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

69-Tm-151



24

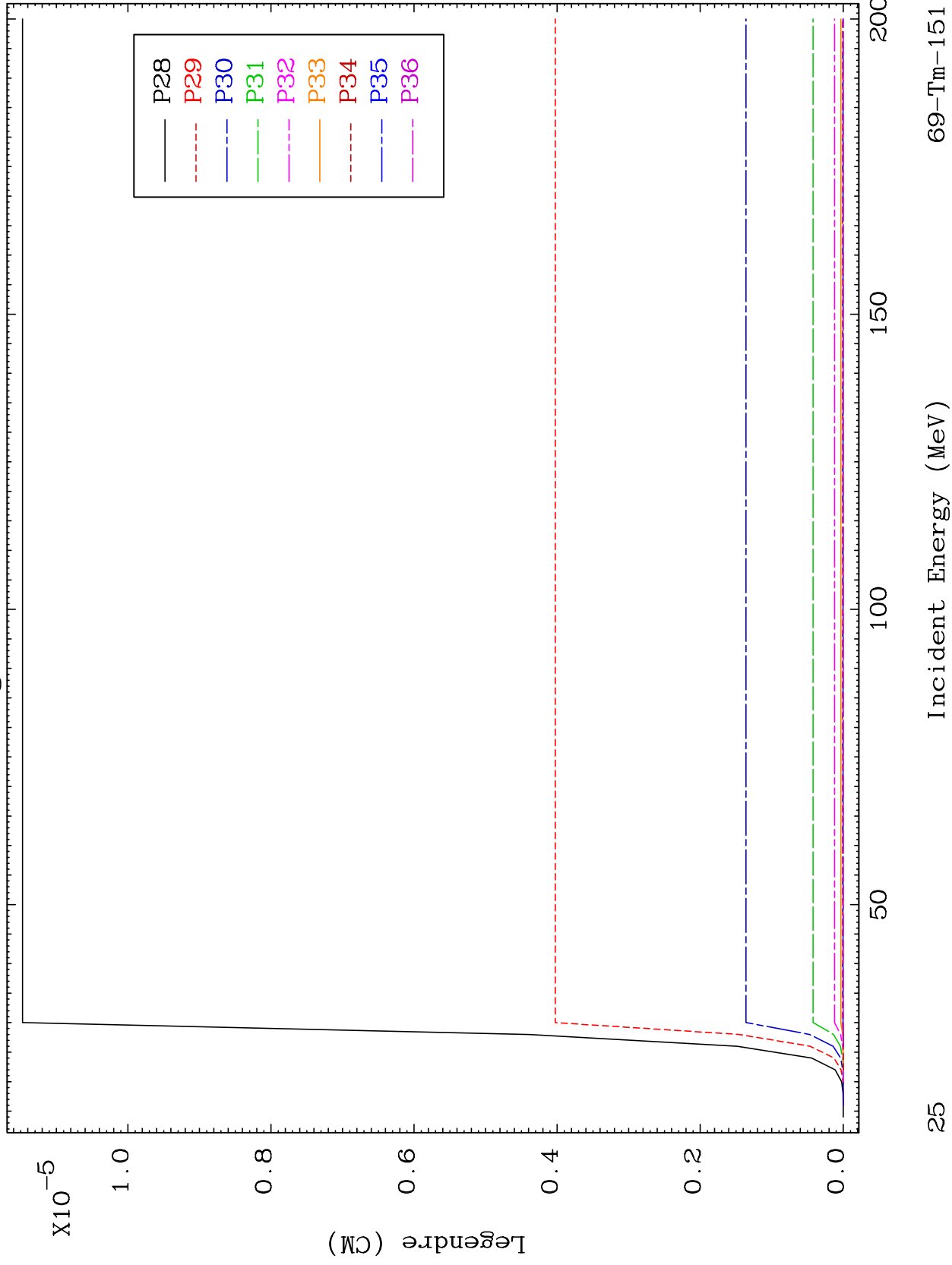
Incident Energy (MeV)

69-Tm-151

MAT 6871

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

69-Tm-151



25

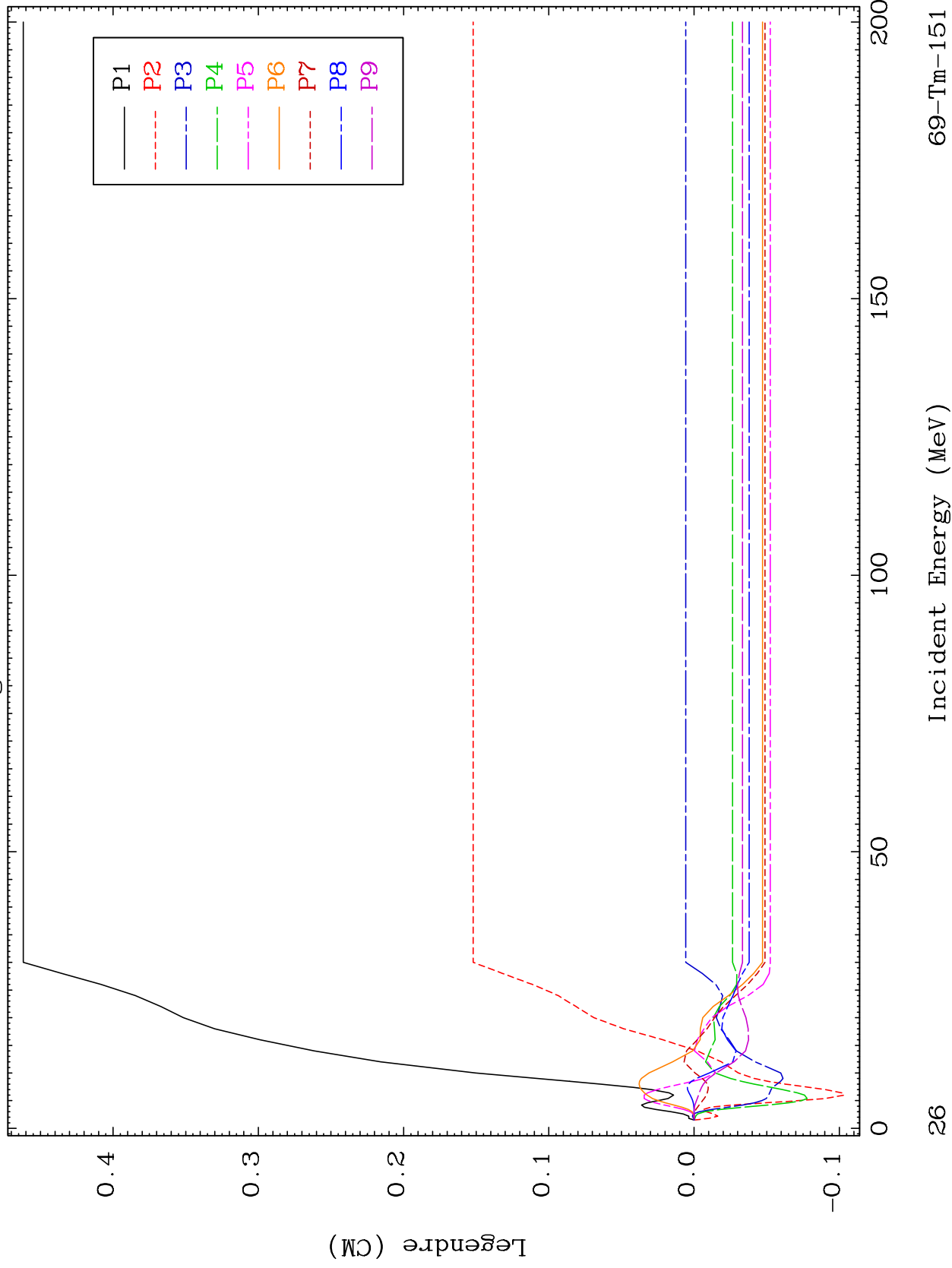
Incident Energy (MeV)

69-Tm-151

MAT 6871

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

69-Tm-151



69-Tm-151

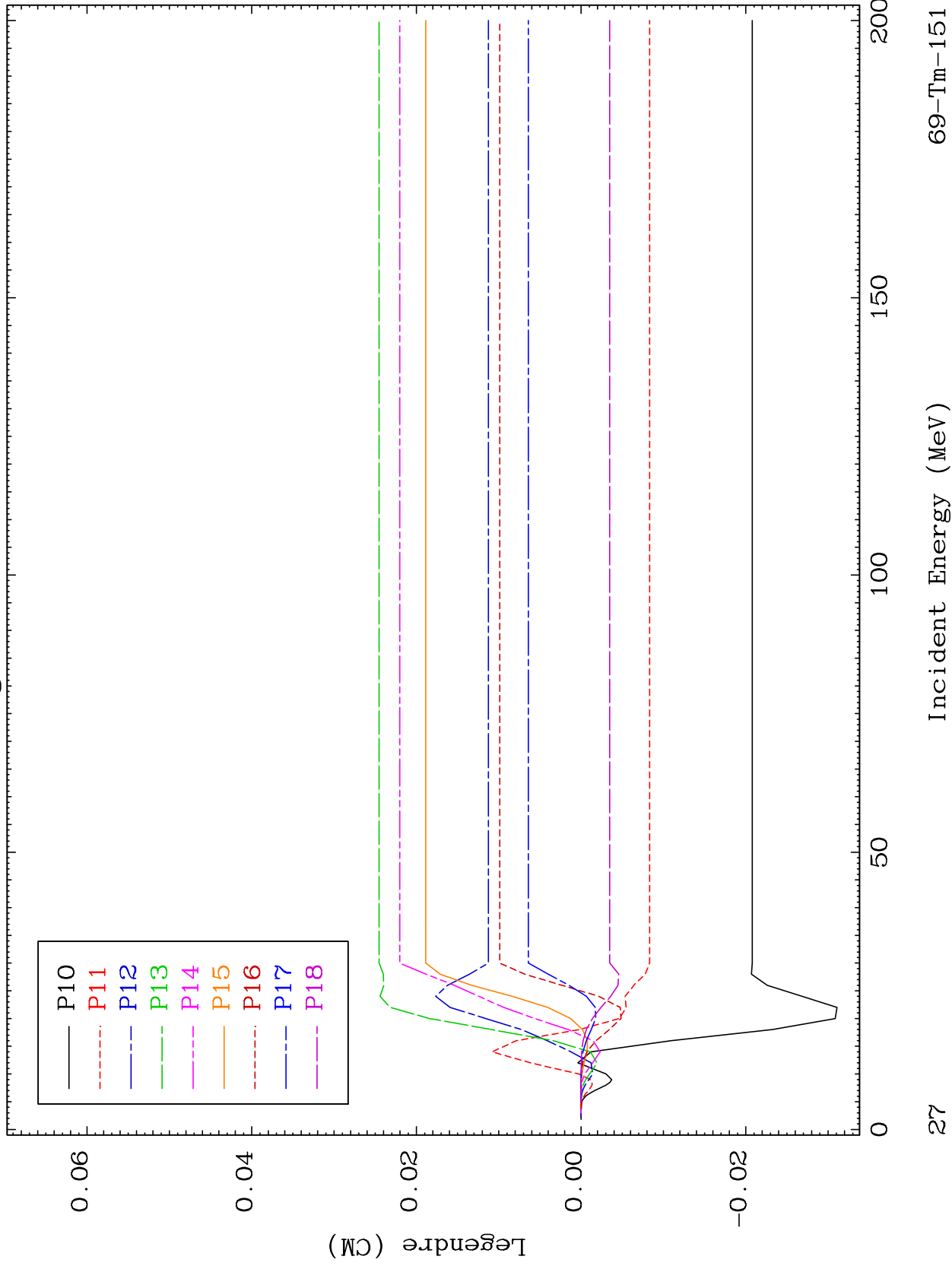
Incident Energy (MeV)

26

MAT 6871

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

69-Tm-151



27

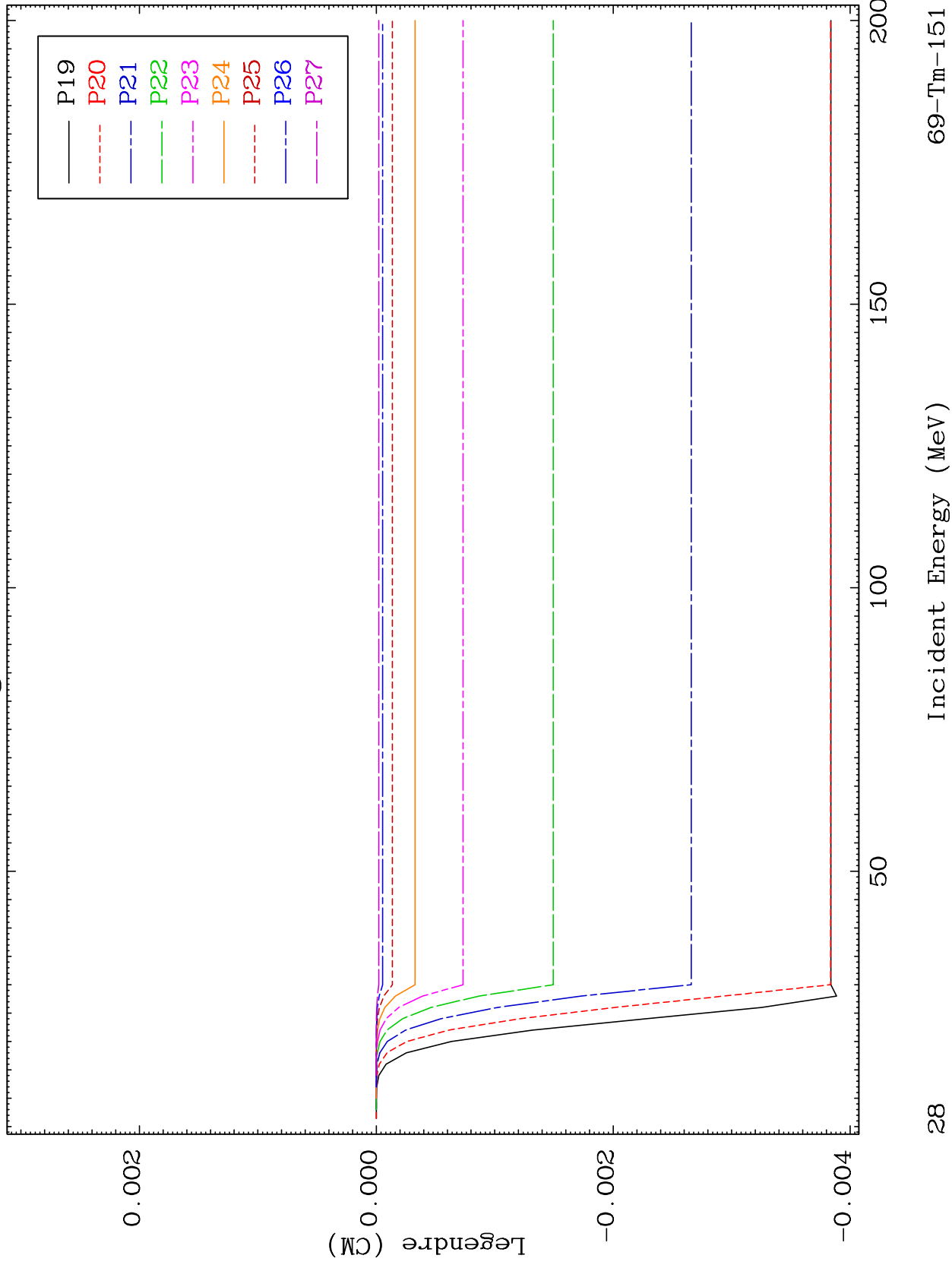
Incident Energy (MeV)

69-Tm-151

MAT 6871

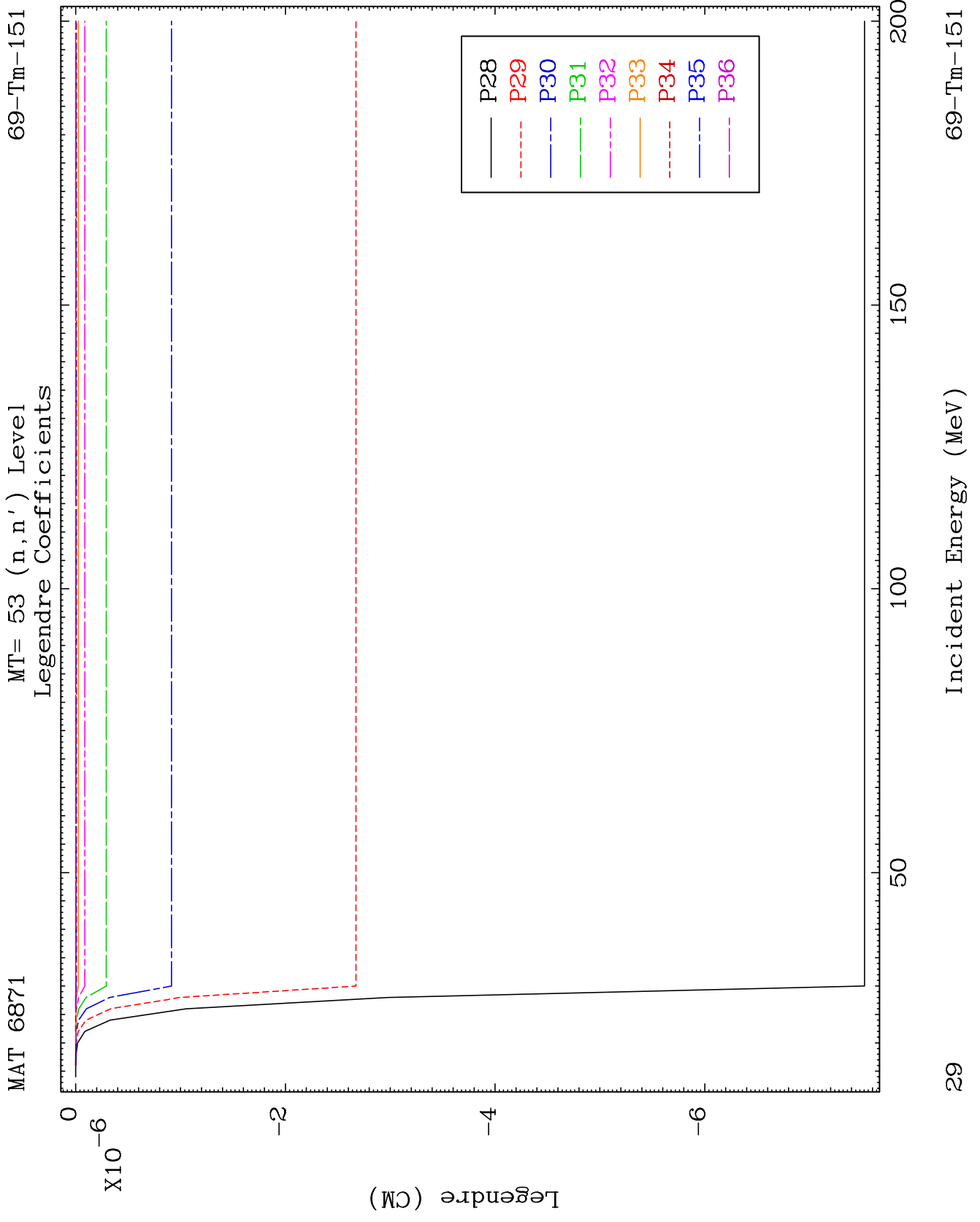
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Legendre Coefficients

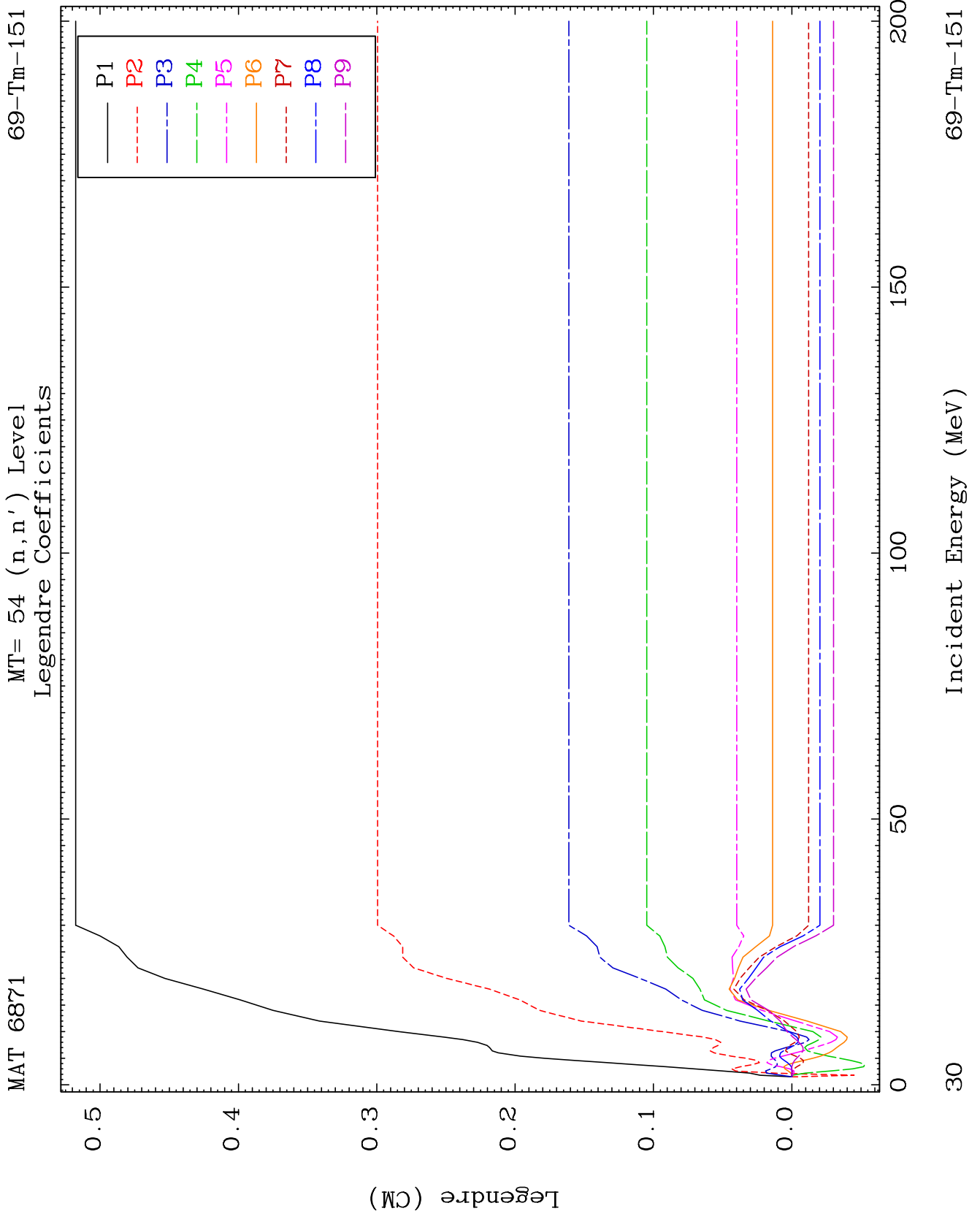
69-Tm-151



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69-Tm-151

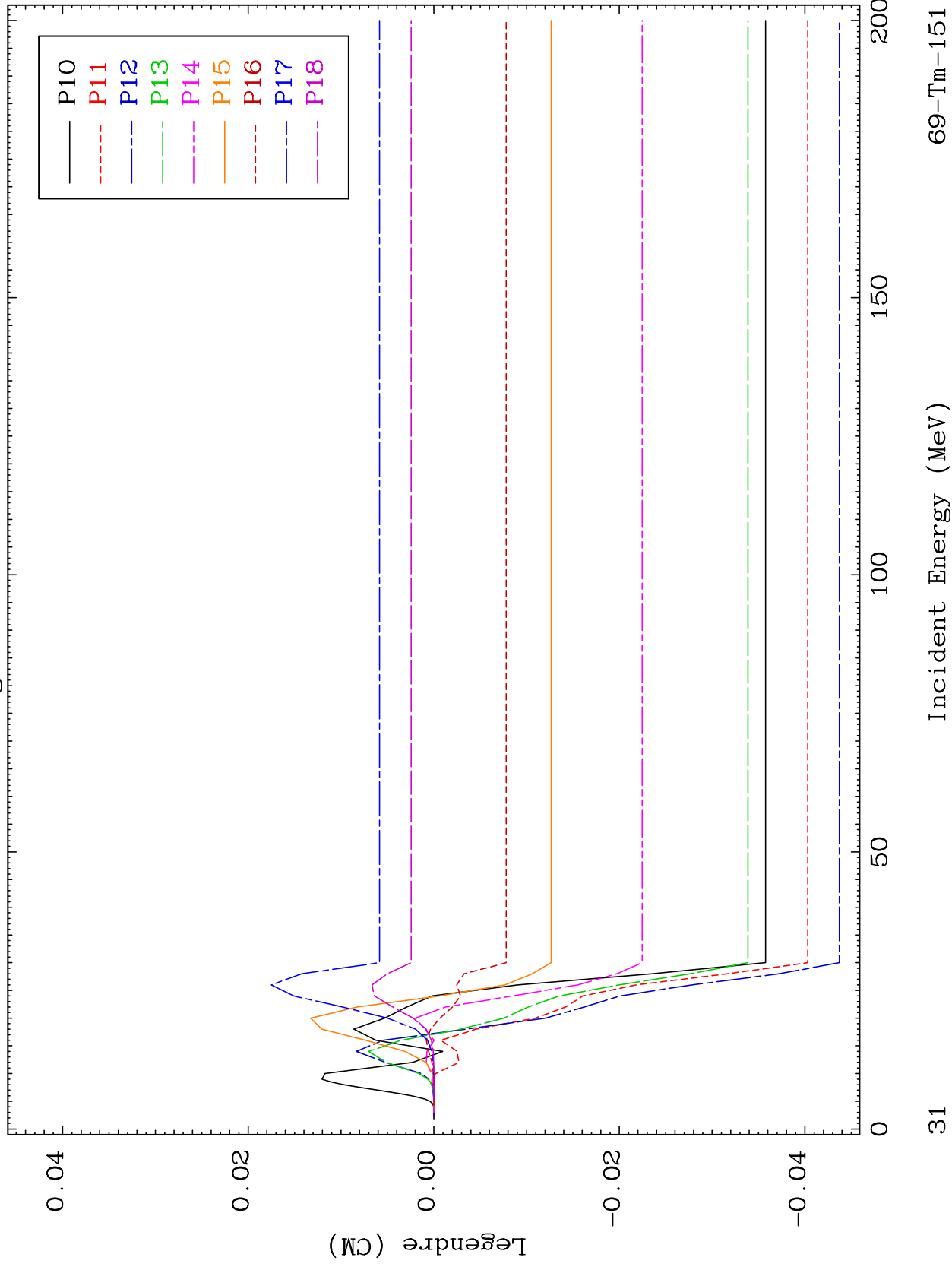




MAT 6871

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

69-Tm-151



31

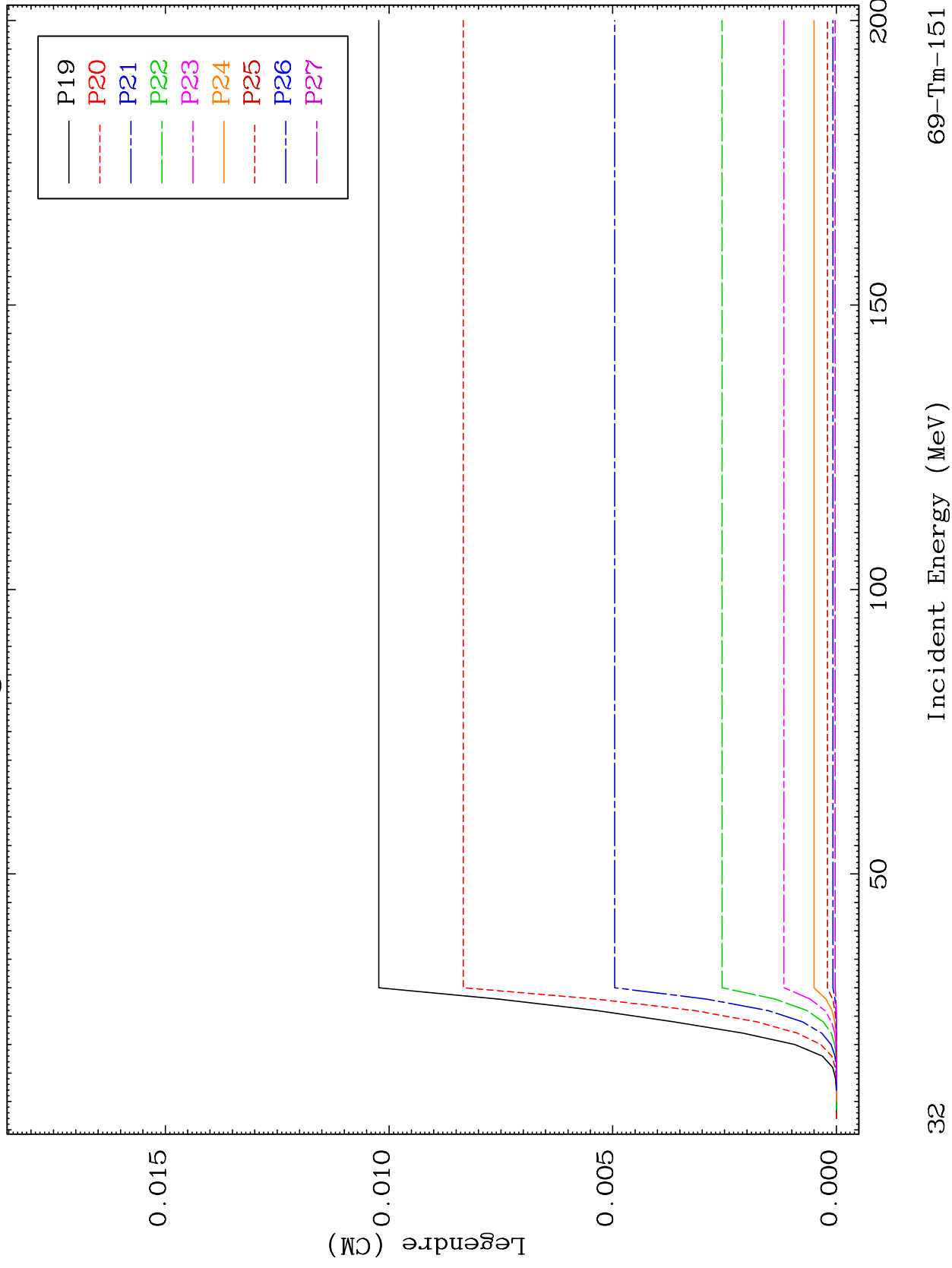
Incident Energy (MeV)

69-Tm-151

MAT 6871

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

69-Tm-151



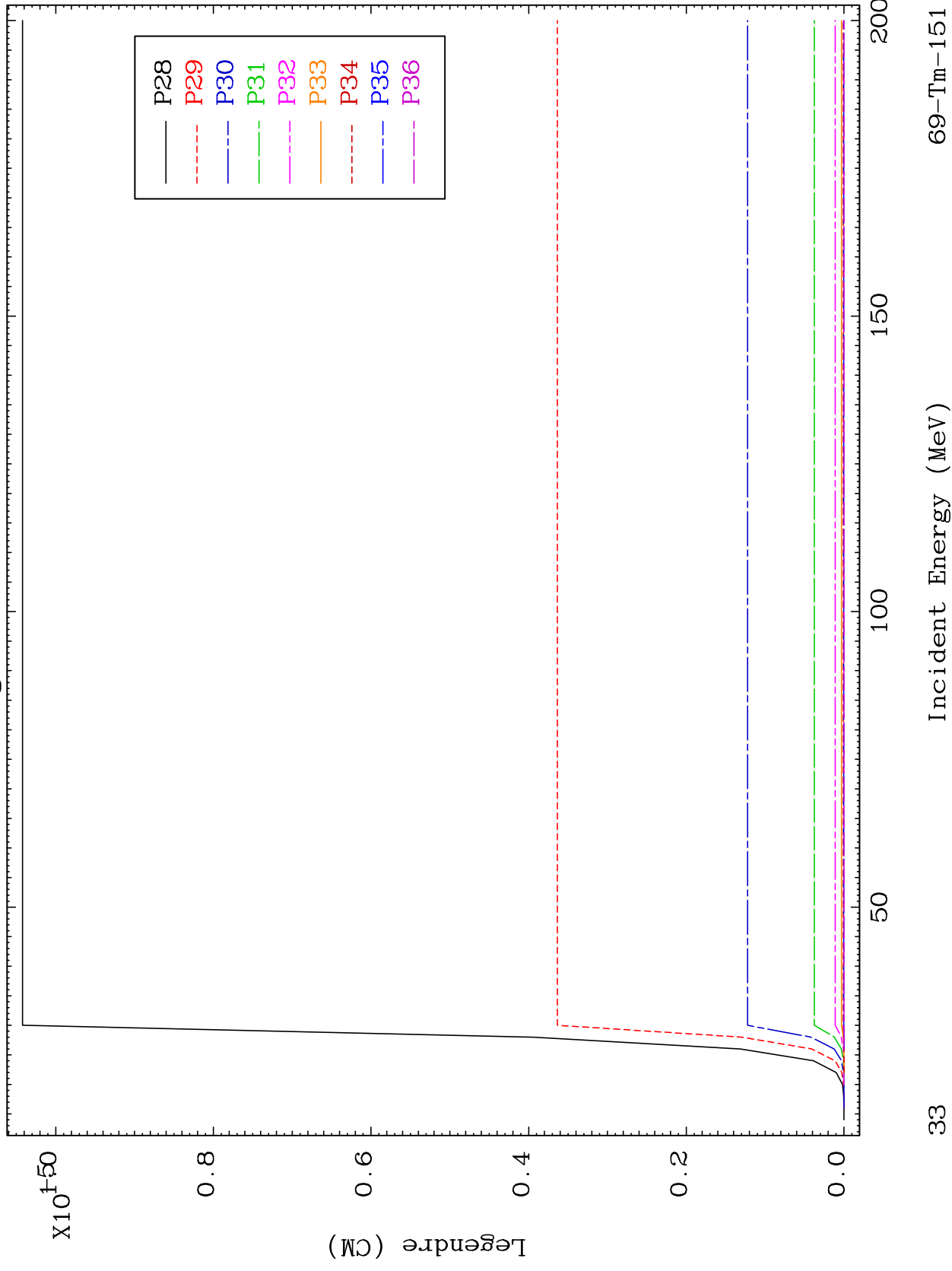
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69-Tm-151

MAT 6871

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

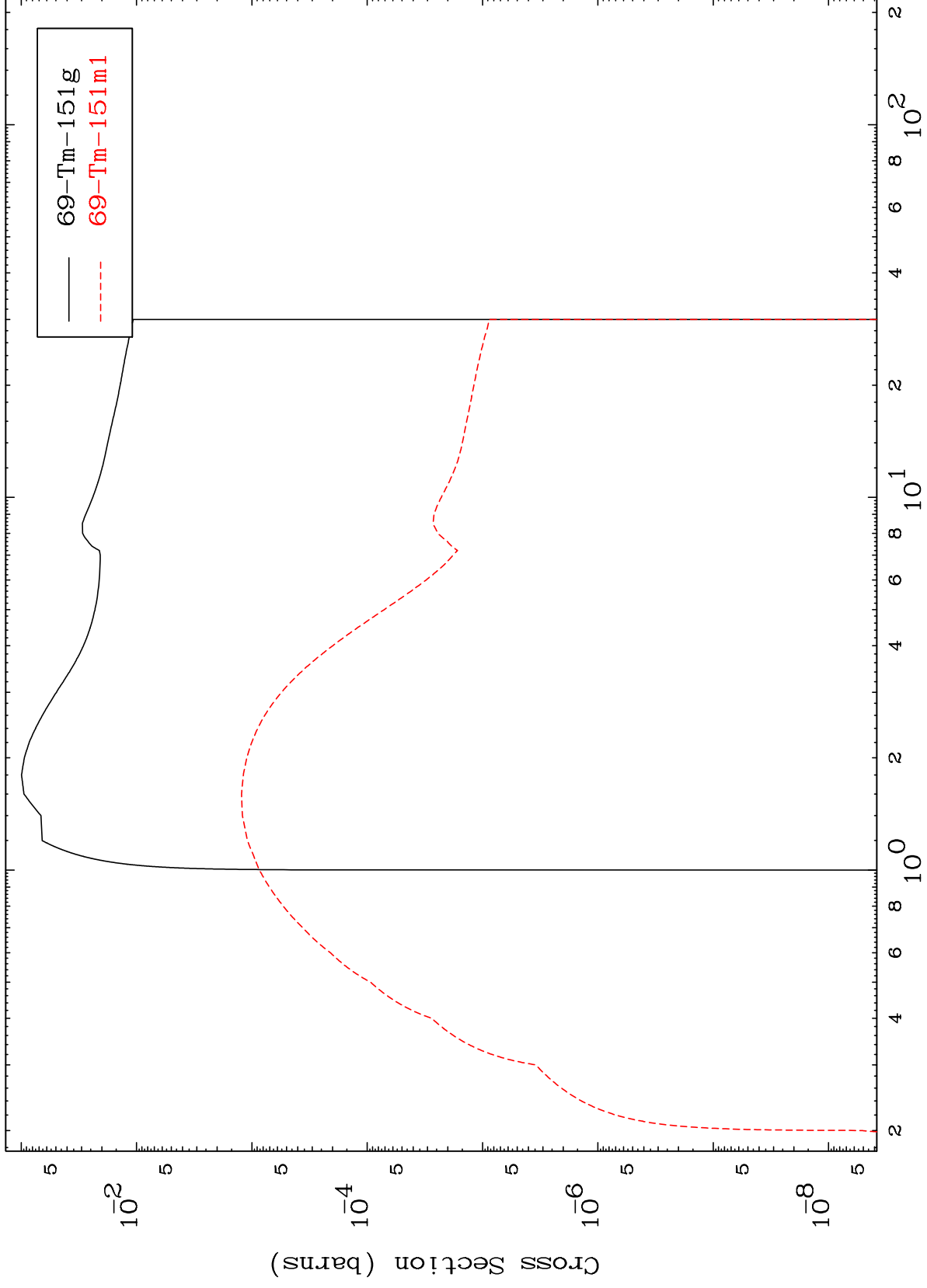
69-Tm-151



MAT 6871

69-Tm-151

Inelastic  
Radionuclide Production Cross Section



34

69-Tm-151

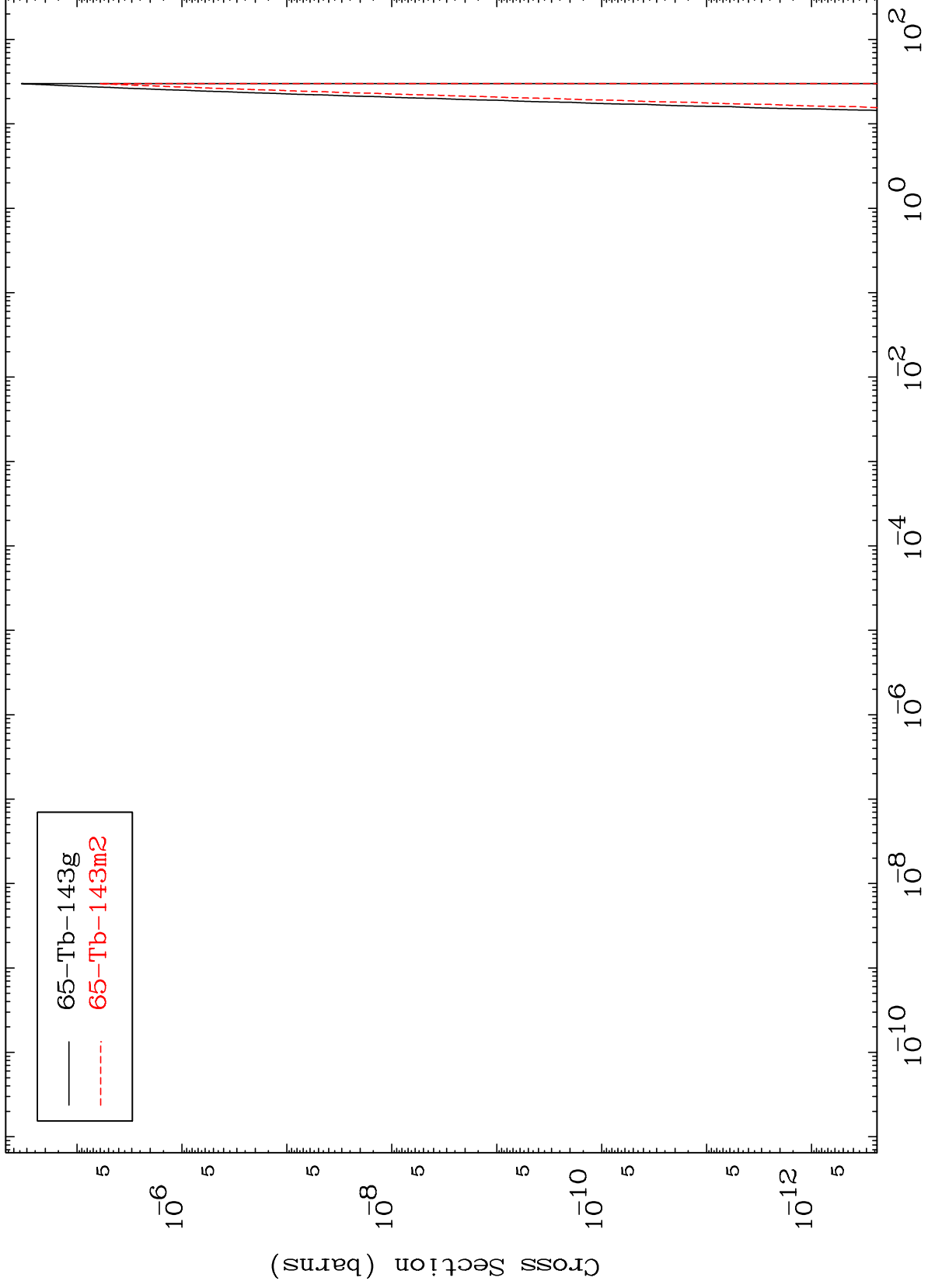
Incident Energy (MeV)

MAT 6871

(n,n') 2α

69-Tm-151

Radionuclide Production Cross Section



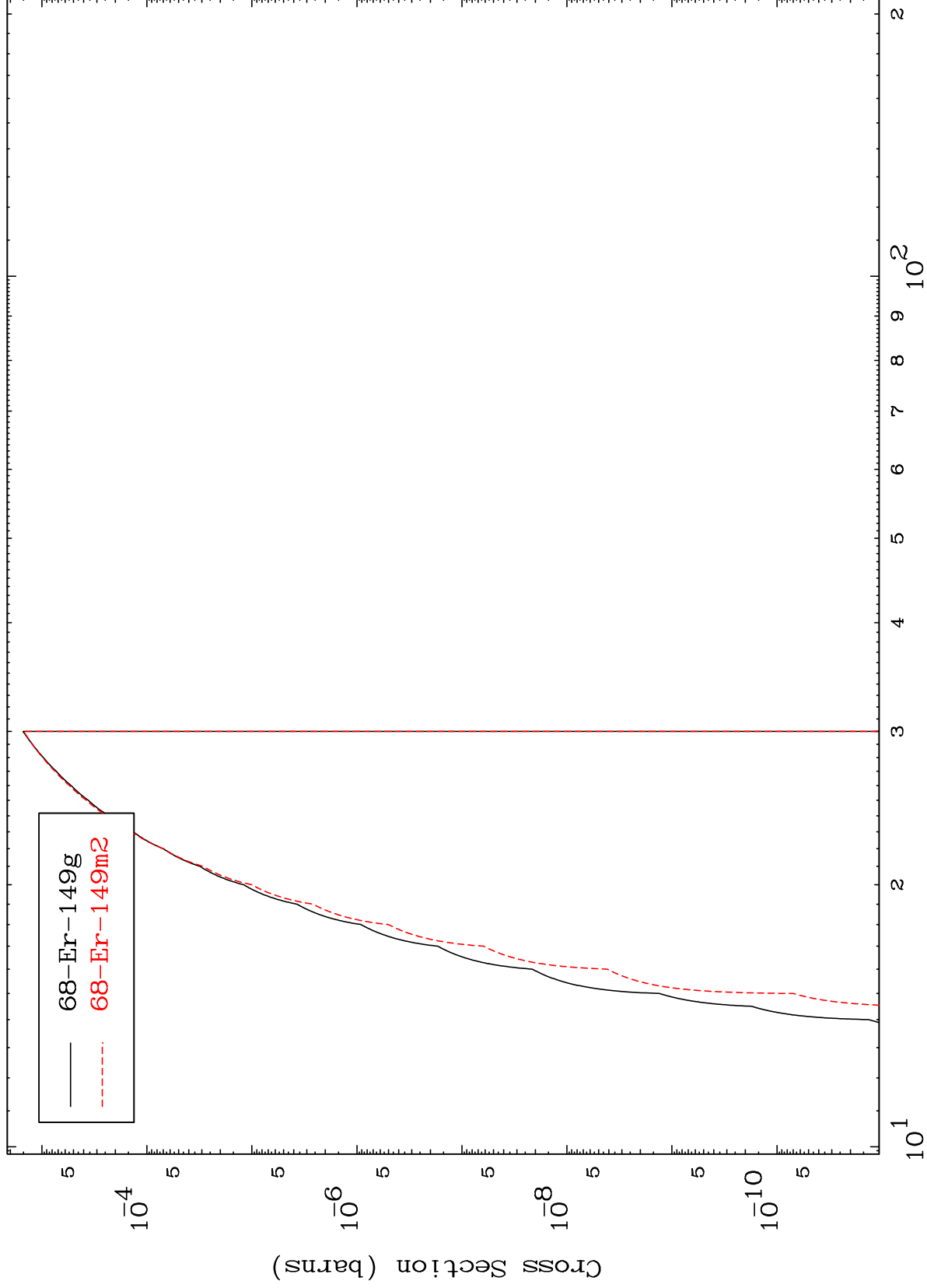
65-Tb-143g  
65-Tb-143m2

MAT 6871

(n,n') d

69-Tm-151

Radionuclide Production Cross Section



36

Incident Energy (MeV)

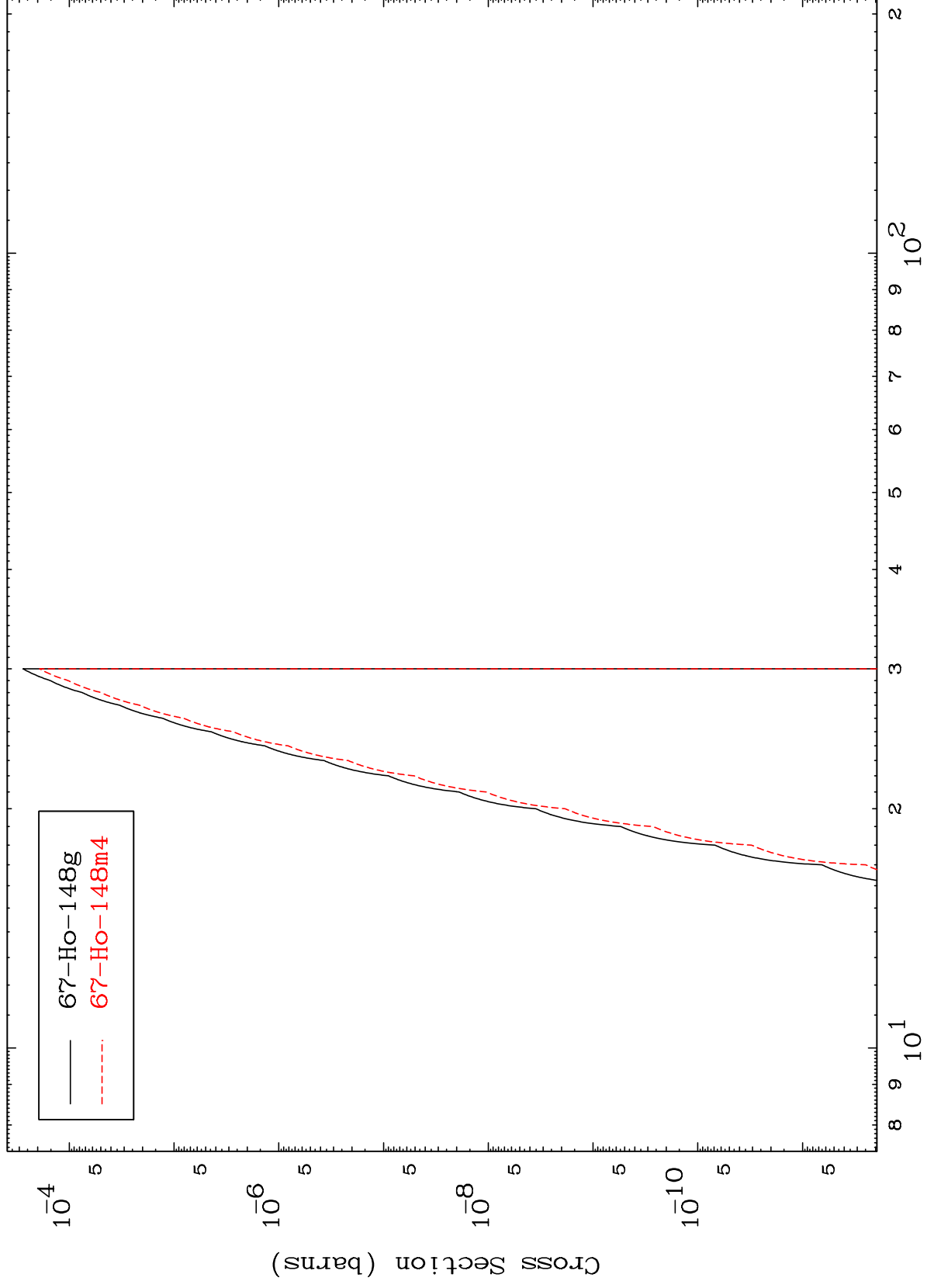
69-Tm-151

MAT 6871

(n,n') He-3

69-Tm-151

Radionuclide Production Cross Section

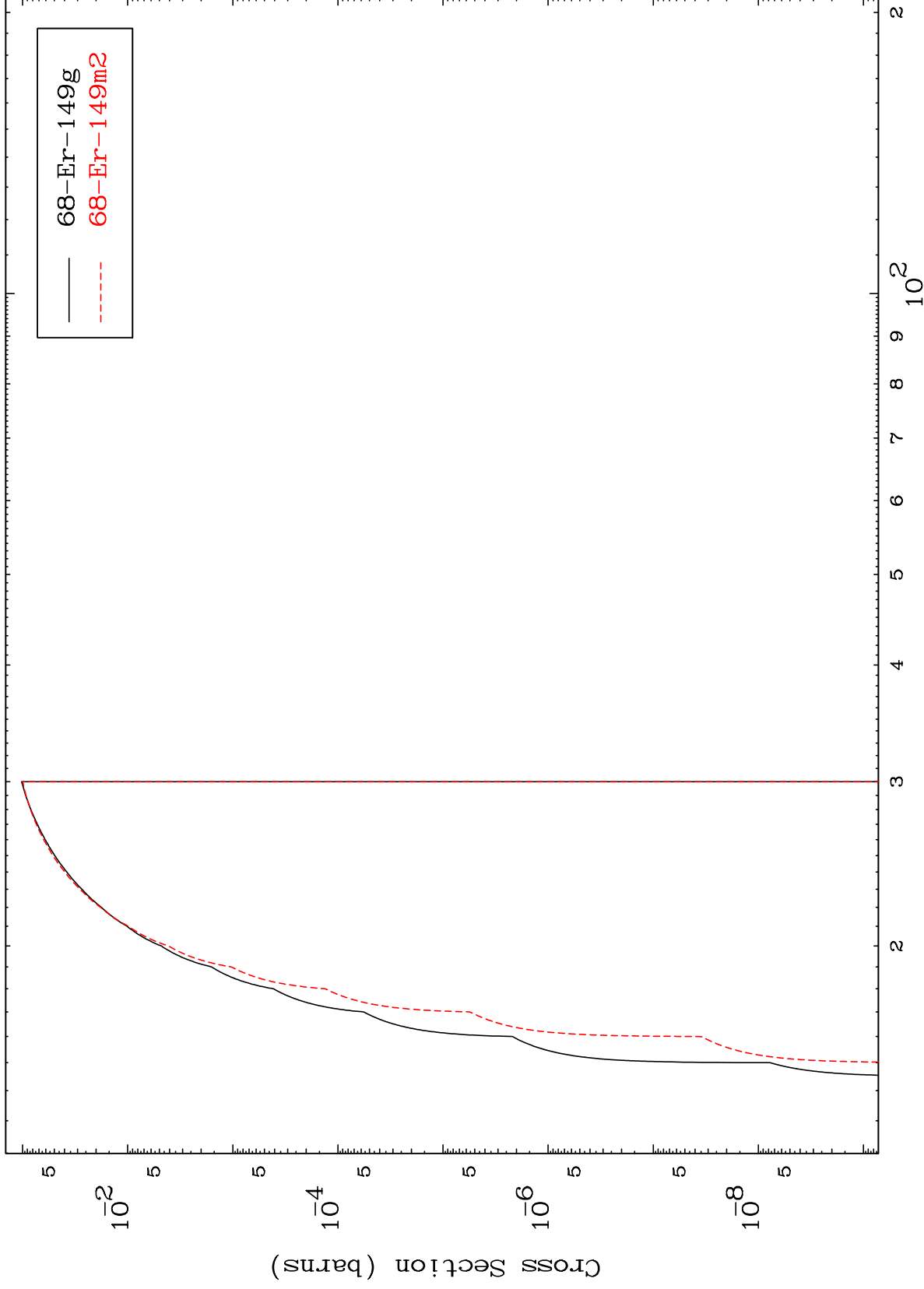


37

Incident Energy (MeV)

69-Tm-151

Radionuclide Production Cross Section

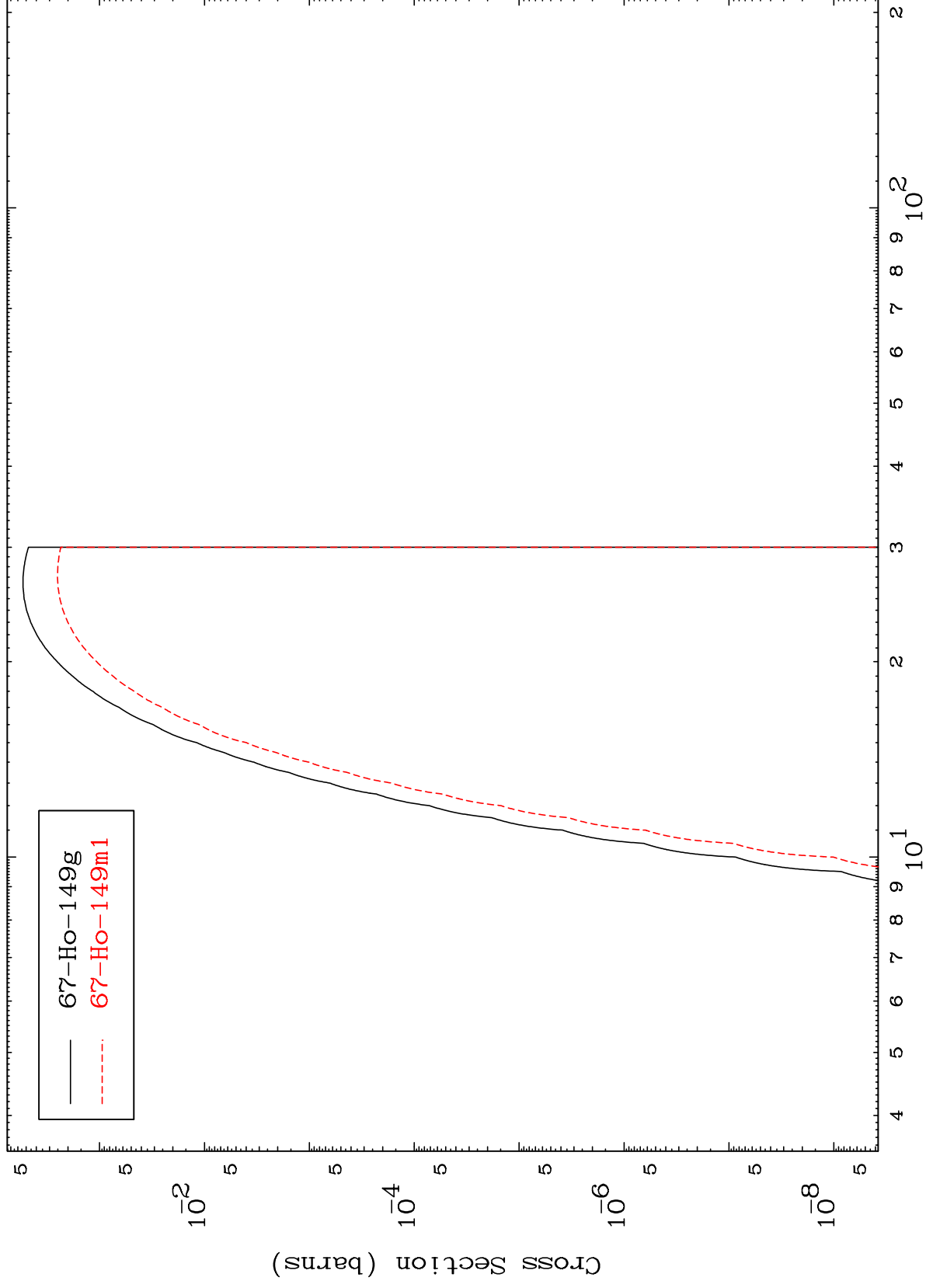


MAT 6871

$(n,2n)$  p

$^{69}\text{Tm-151}$

Radionuclide Production Cross Section



39

Incident Energy (MeV)

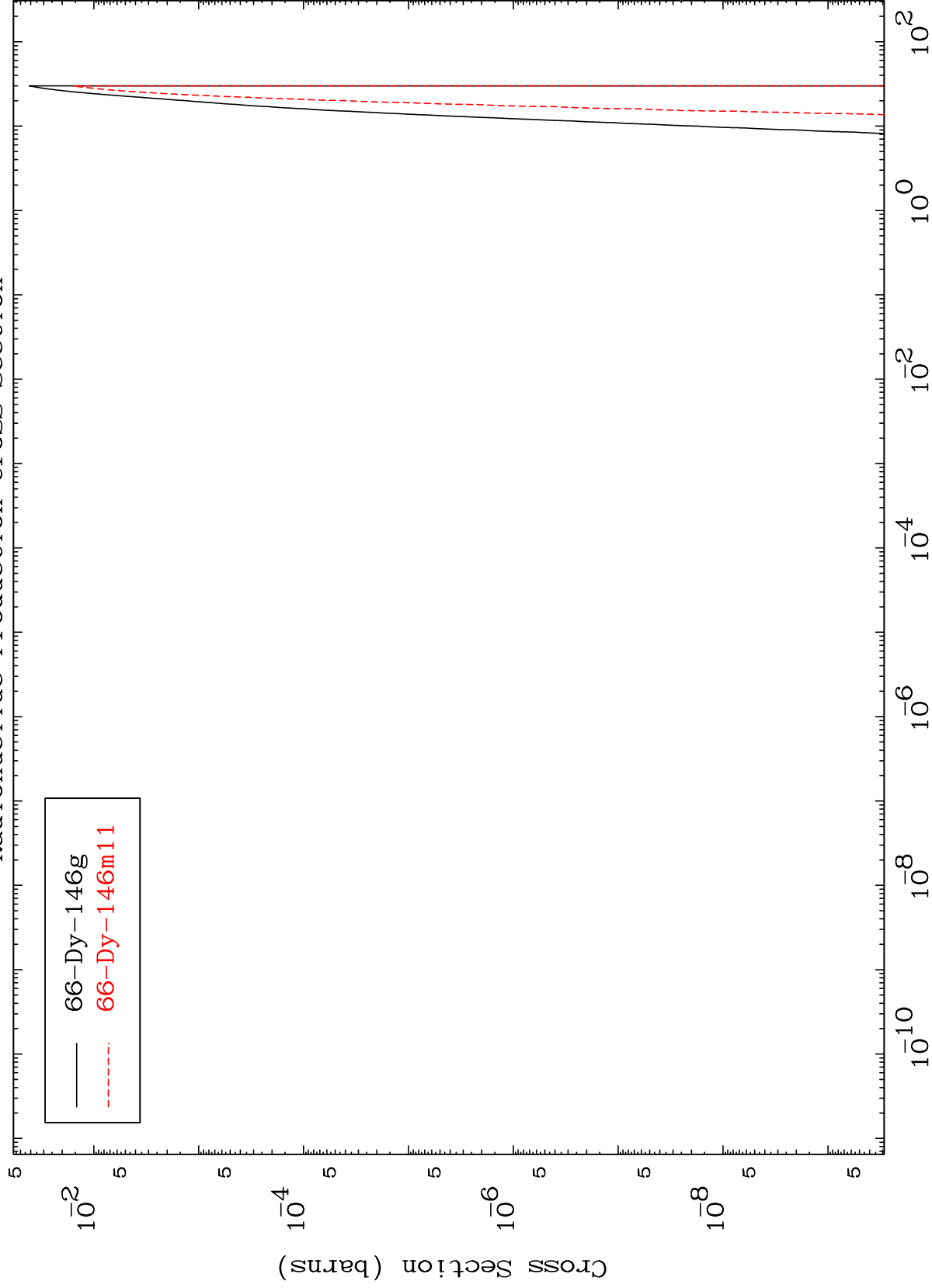
$^{69}\text{Tm-151}$

MAT 6871

(n,n') p  $\alpha$

69-Tm-151

Radionuclide Production Cross Section



40

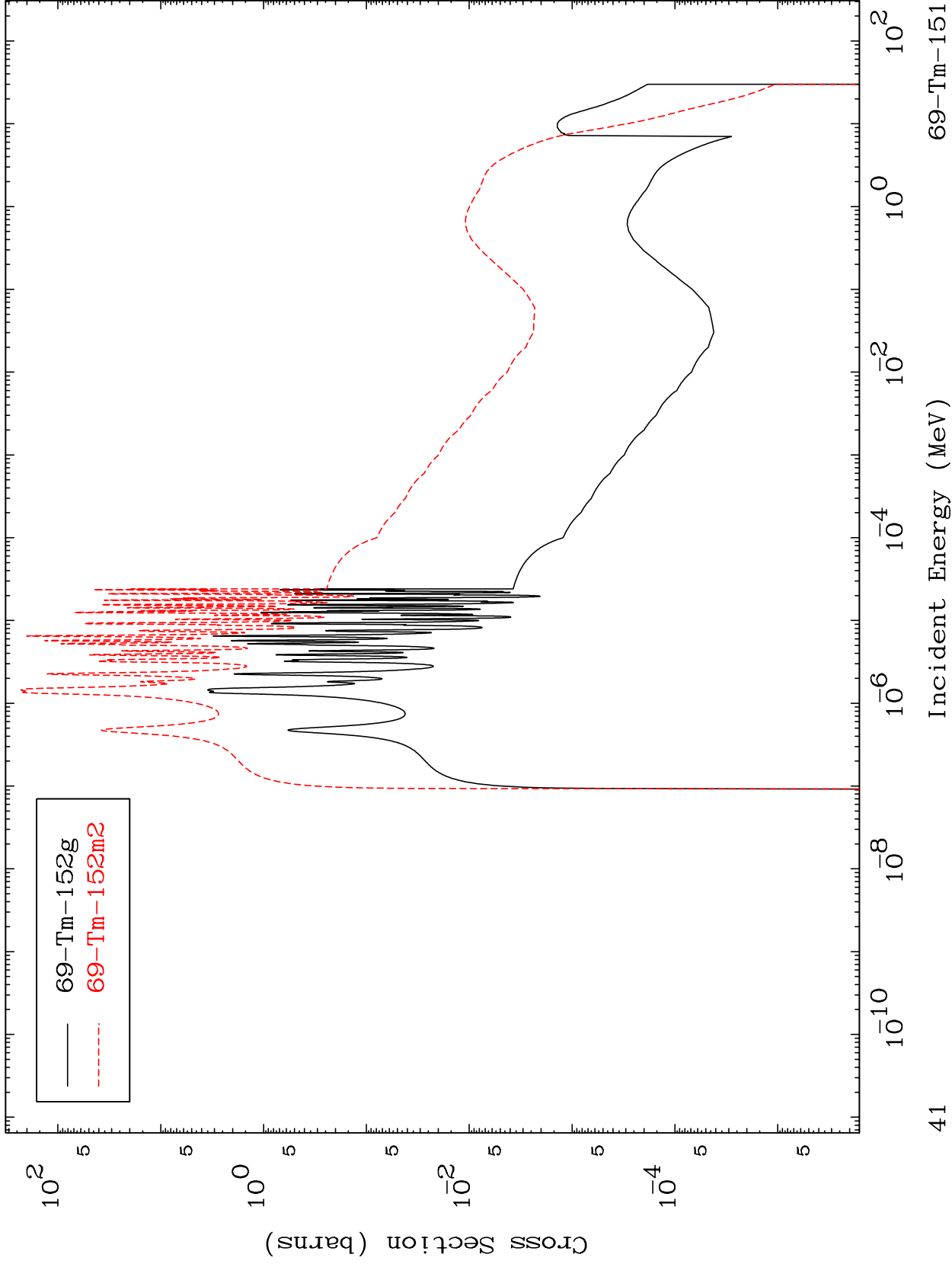
Incident Energy (MeV)

69-Tm-151

MAT 6871

69-Tm-151

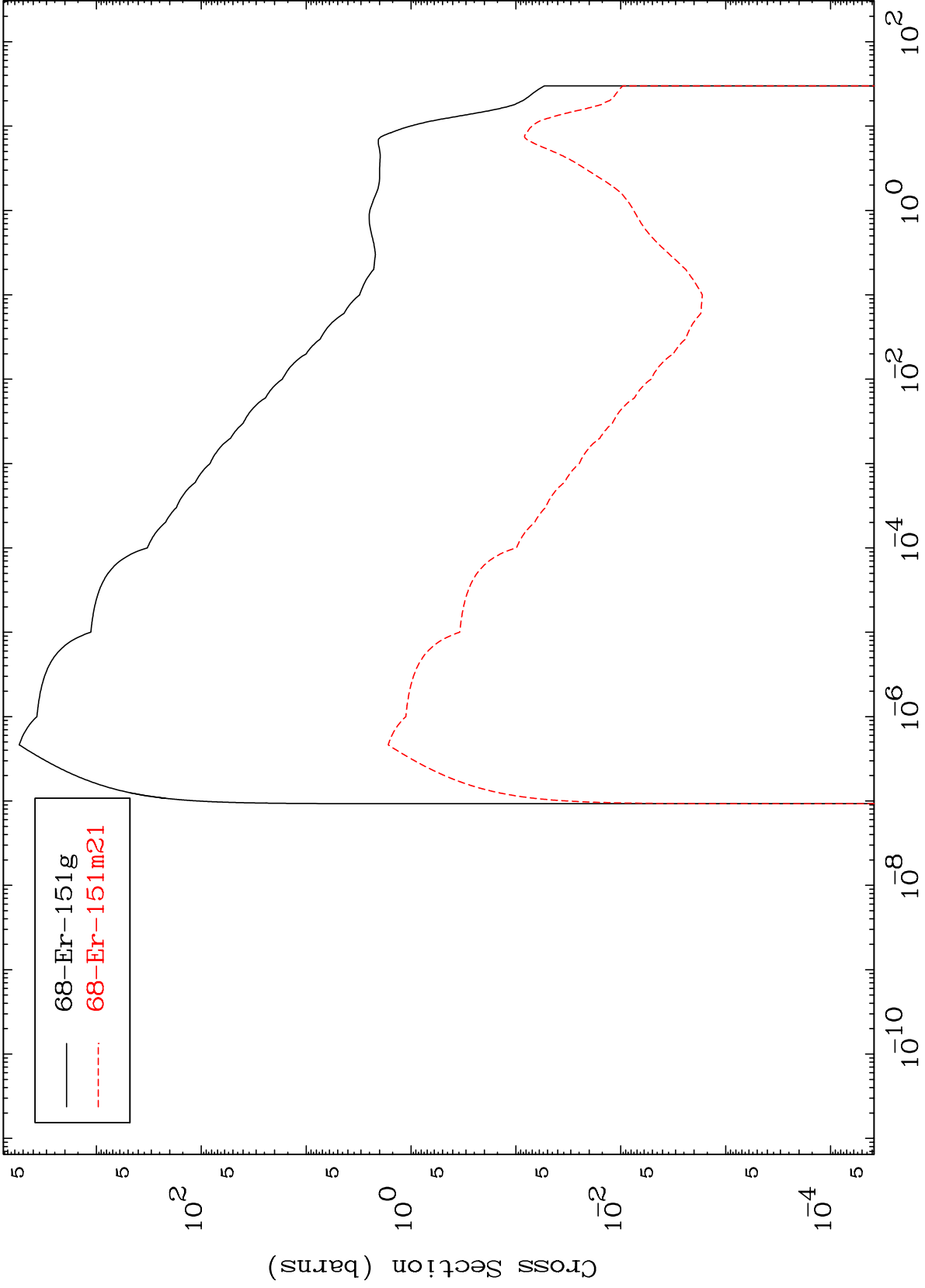
Radionuclide Production Cross Section (n,γ)



MAT 6871

69-Tm-151

(n,p)  
Radionuclide Production Cross Section



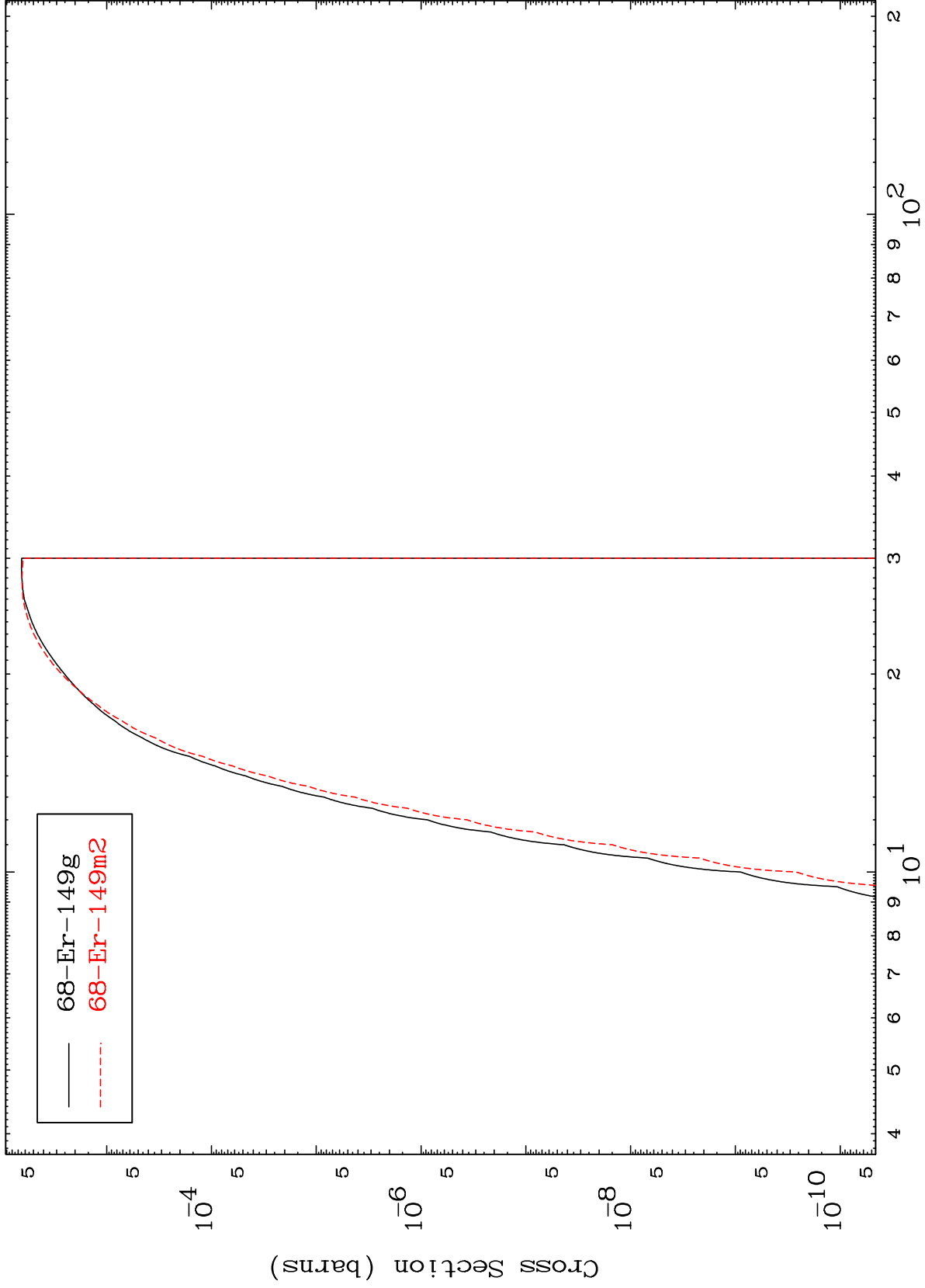
42

69-Tm-151

MAT 6871

69-Tm-151

(n, t)  
Radionuclide Production Cross Section



43

Incident Energy (MeV)

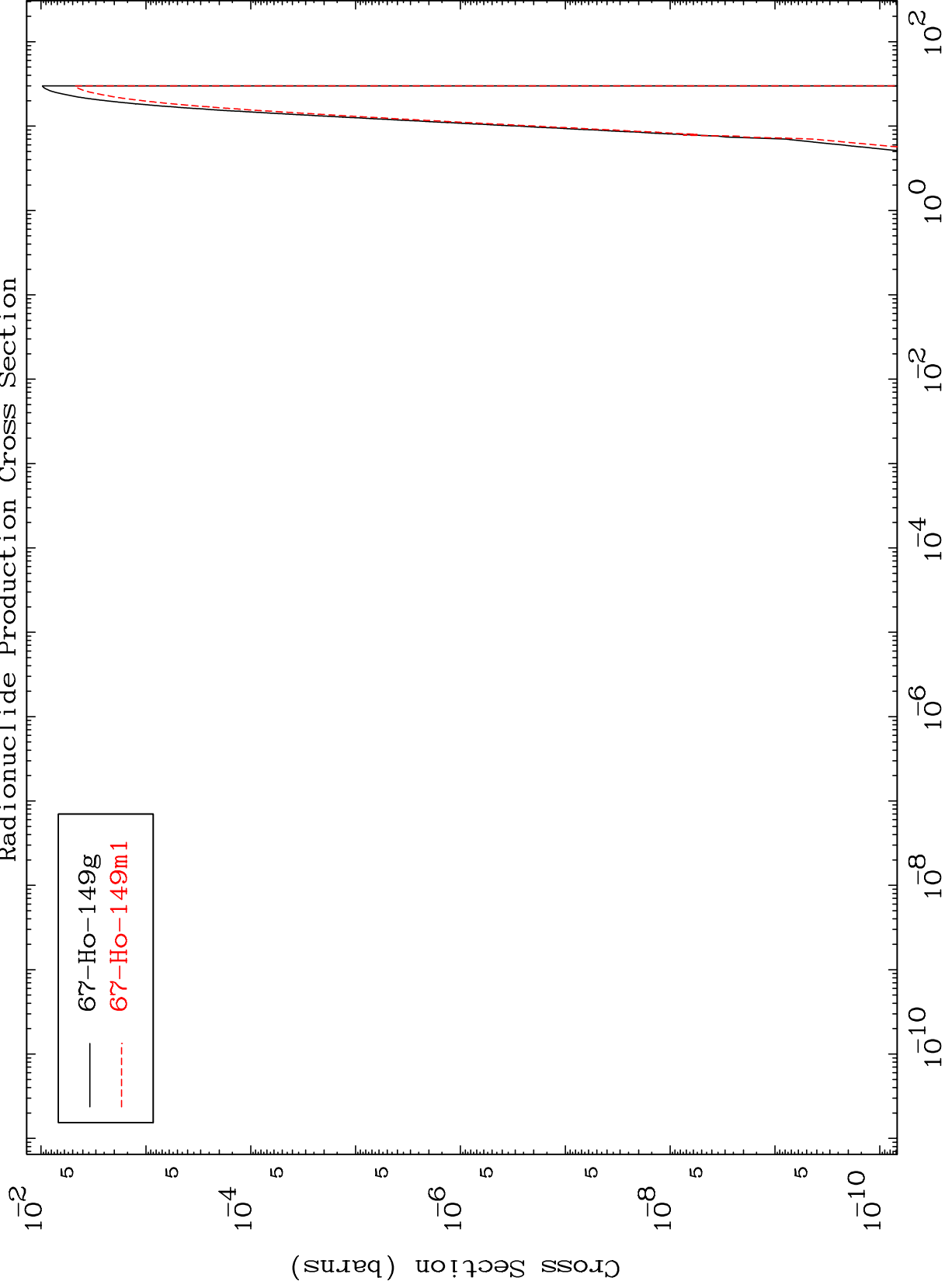
69-Tm-151

MAT 6871

(n,He-3)

69-Tm-151

Radionuclide Production Cross Section



44

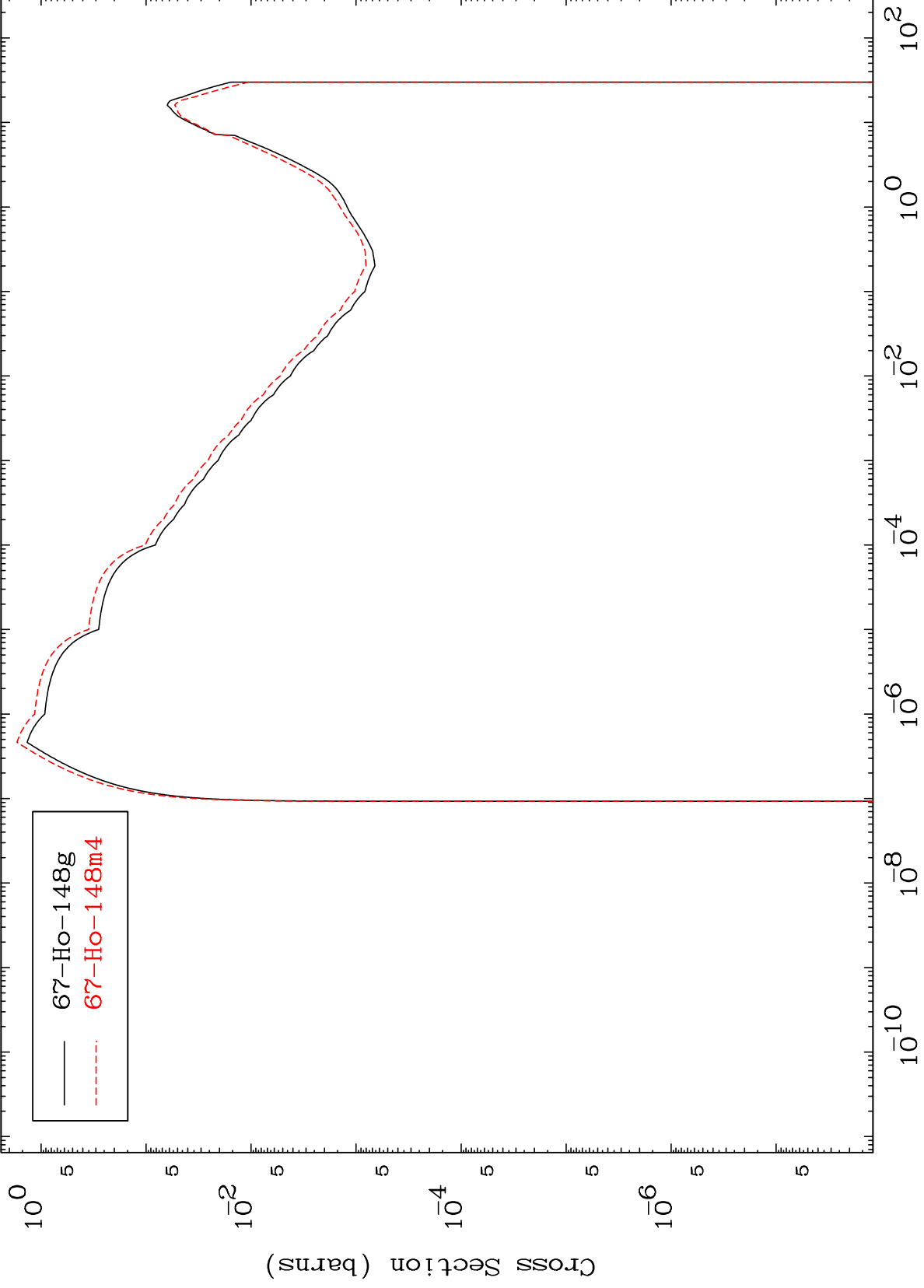
Incident Energy (MeV)

69-Tm-151

MAT 6871

69-Tm-151

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



45

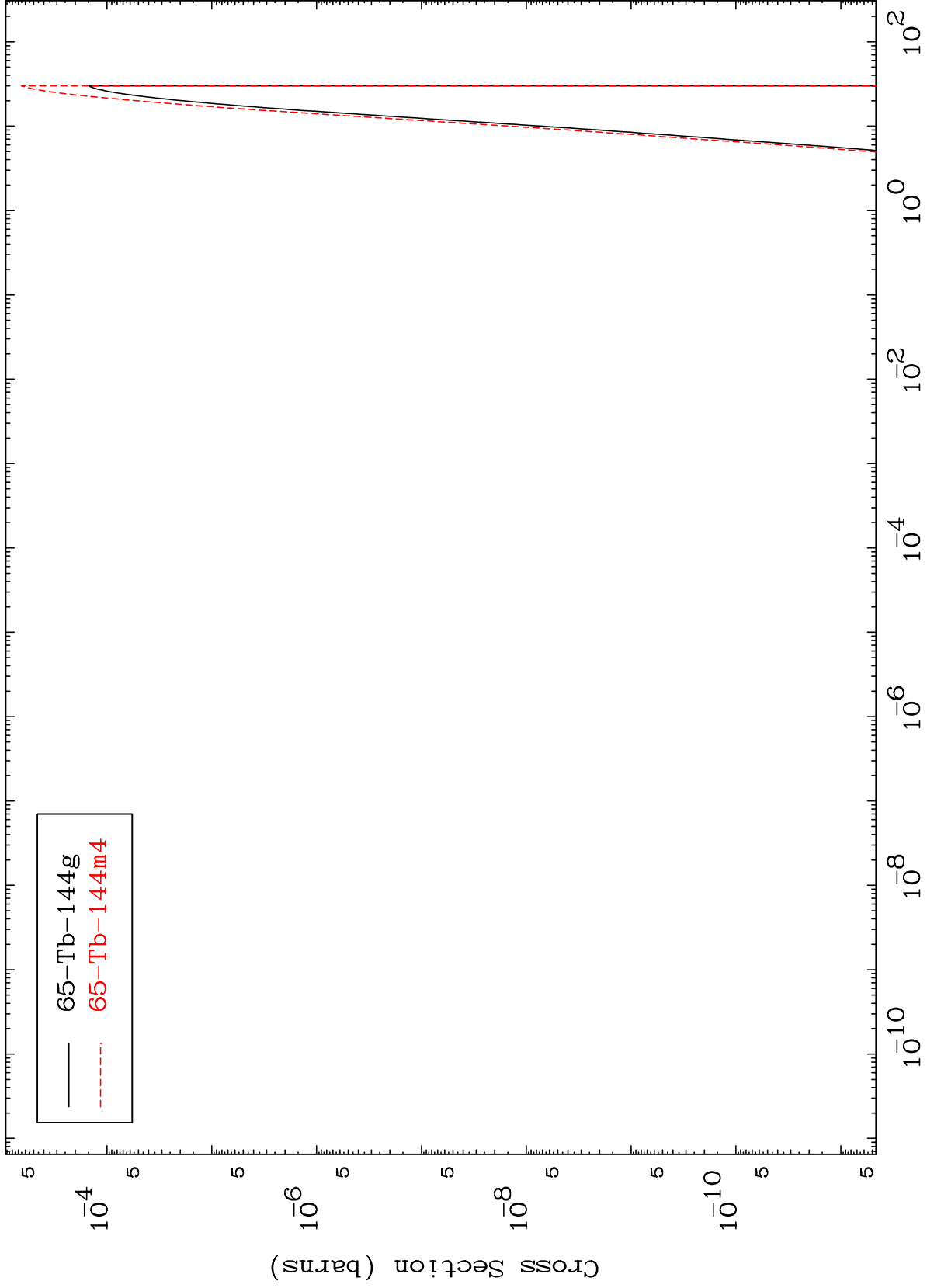
69-Tm-151

MAT 6871

(n,2α)

69-Tm-151

Radionuclide Production Cross Section



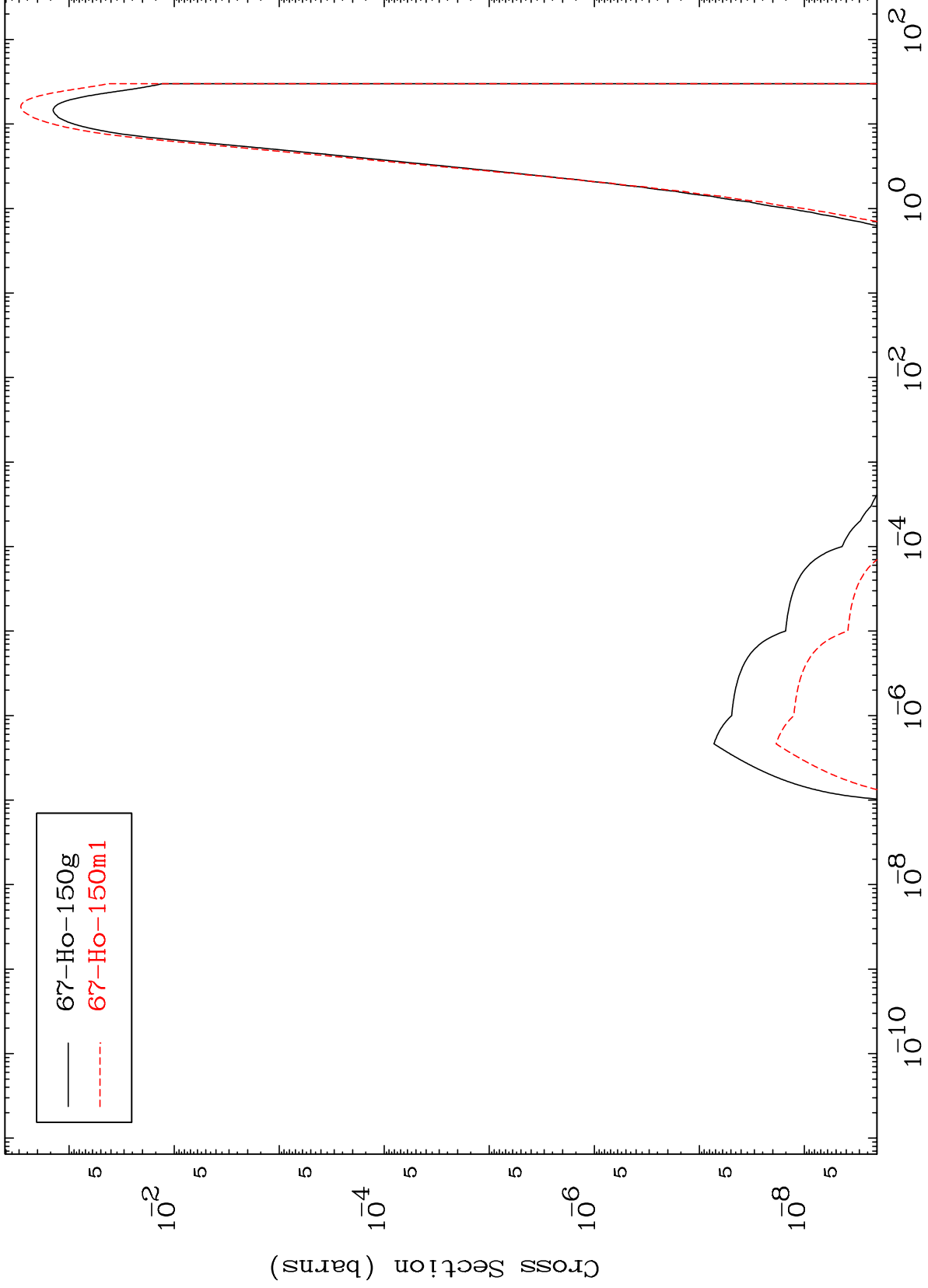
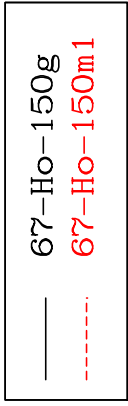
65-Tb-144g  
65-Tb-144m4

MAT 6871

(n,2p)

69-Tm-151

Radionuclide Production Cross Section



47

Incident Energy (MeV)

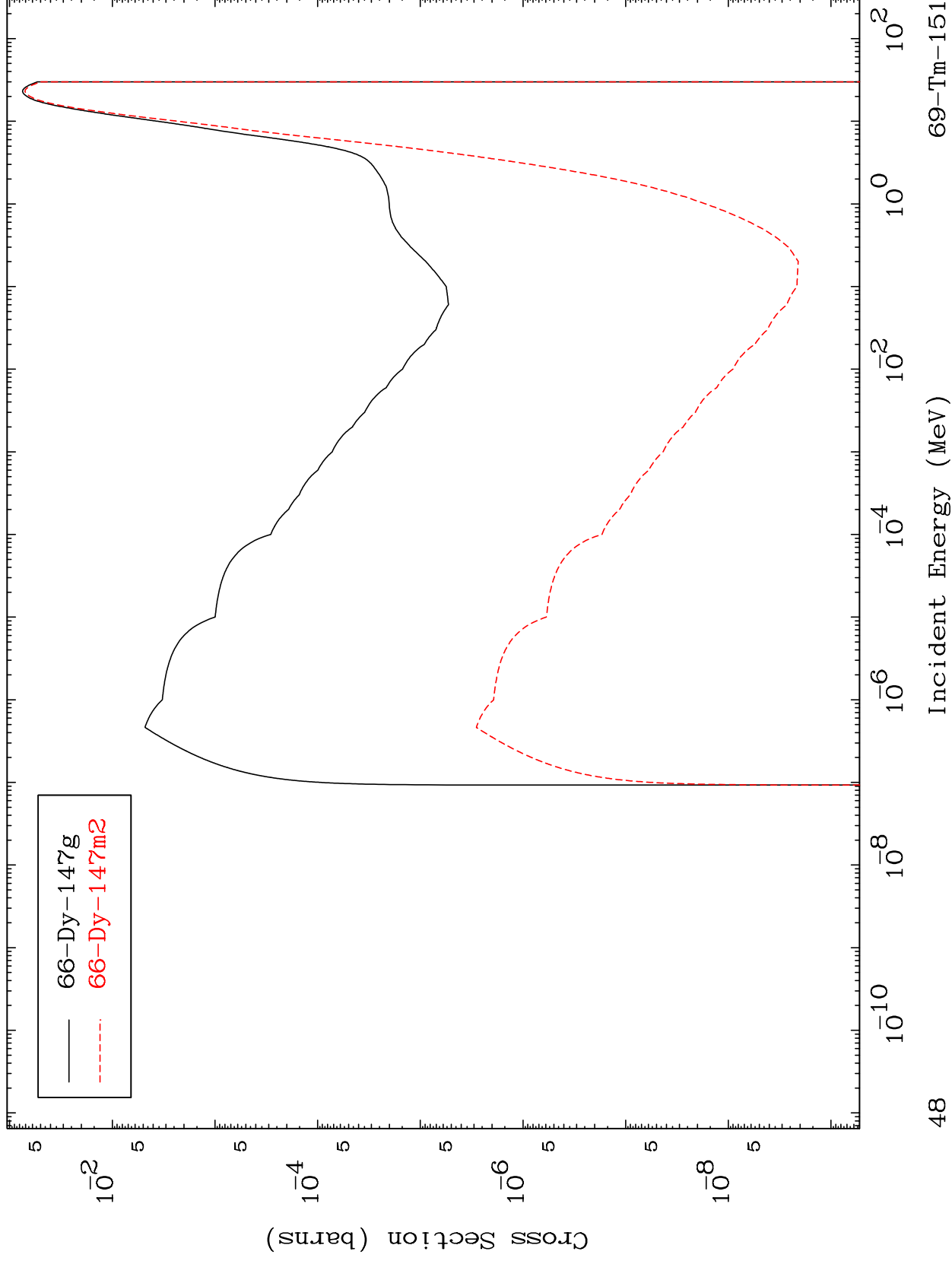
69-Tm-151

MAT 6871

(n,p)  $\alpha$

69-Tm-151

Radionuclide Production Cross Section



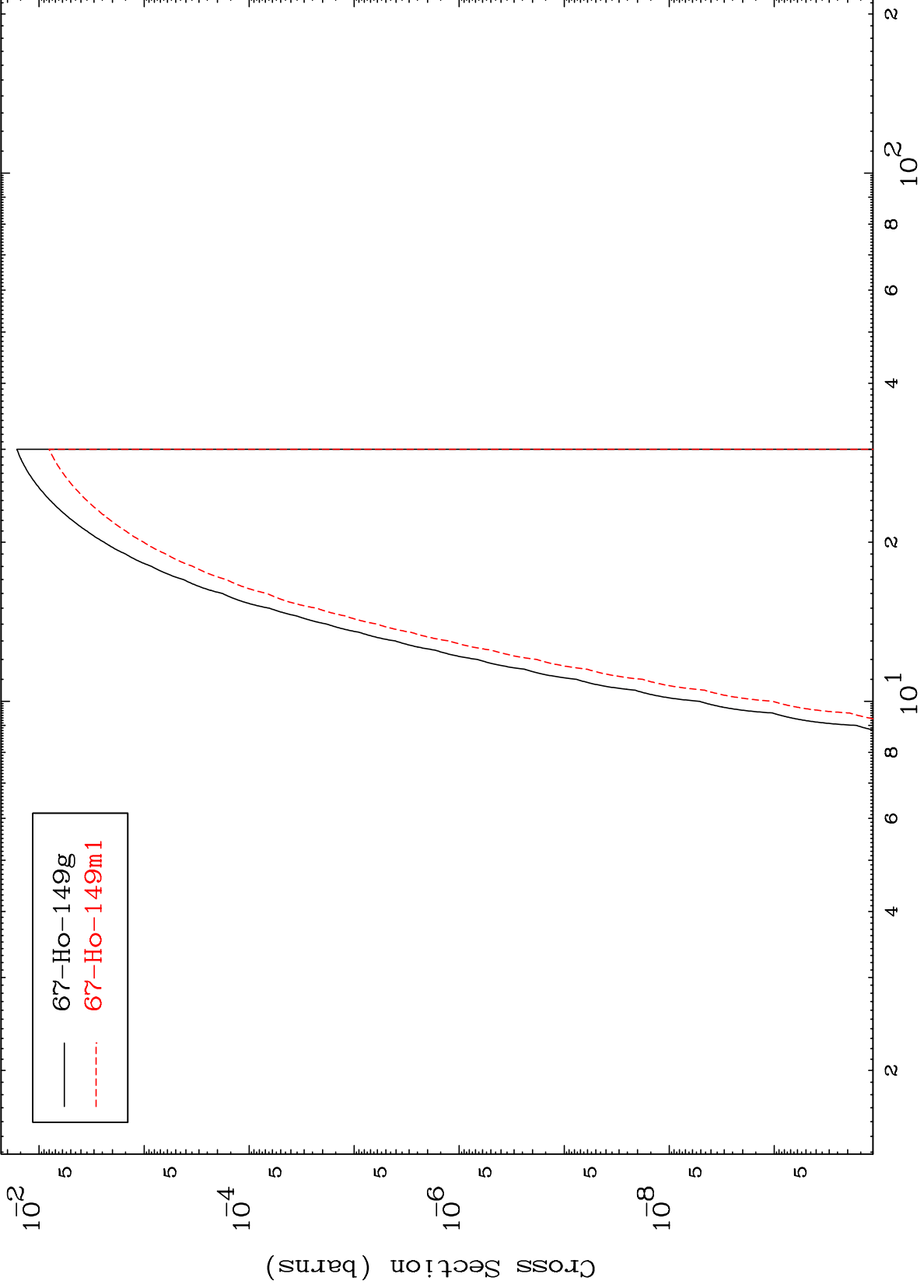
48

MAT 6871

(n,p) d

69-Tm-151

Radionuclide Production Cross Section



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

49

Incident Energy (MeV)

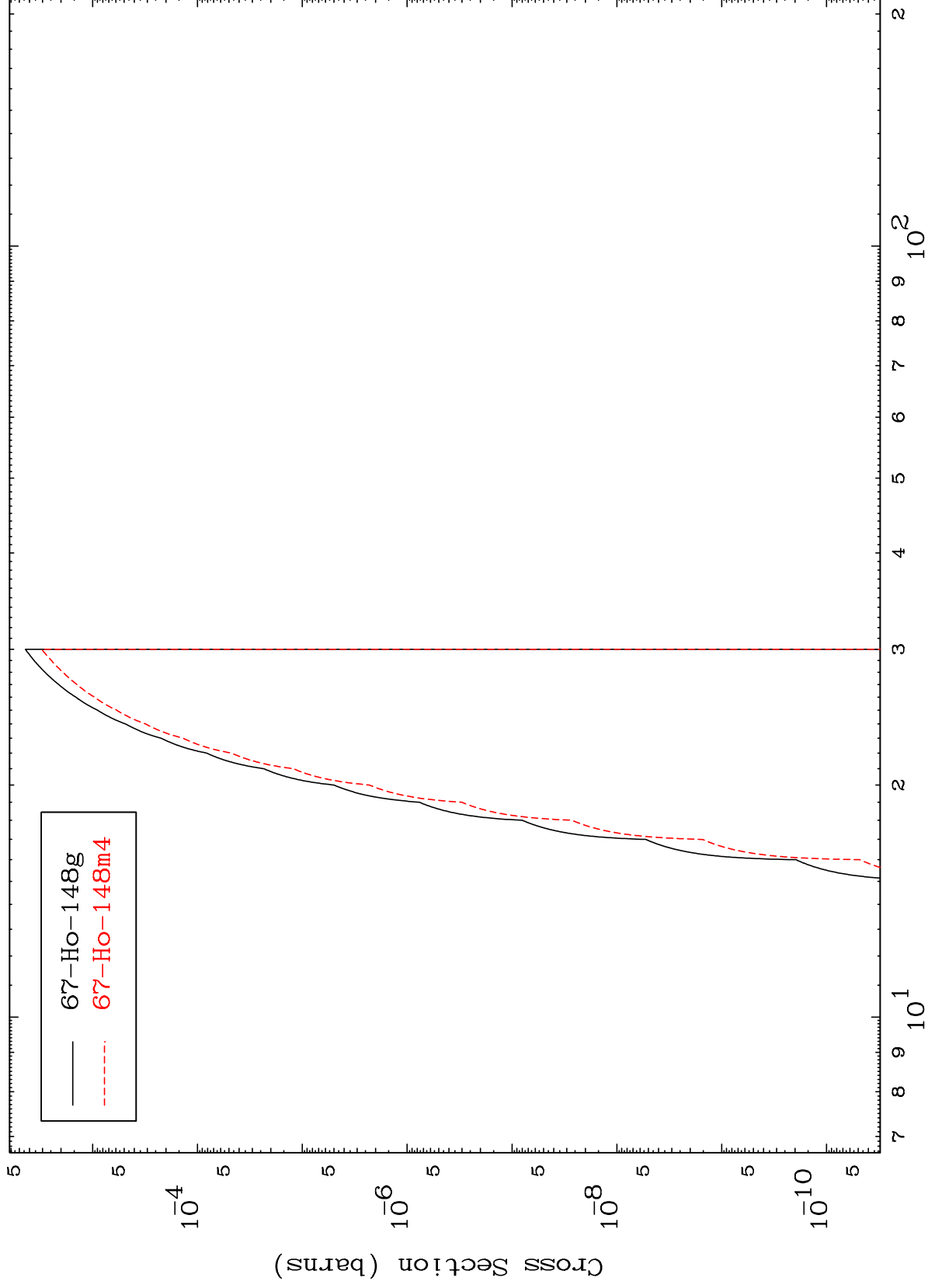
69-Tm-151

MAT 6871

(n,p) t

69-Tm-151

Radionuclide Production Cross Section



50

Incident Energy (MeV)

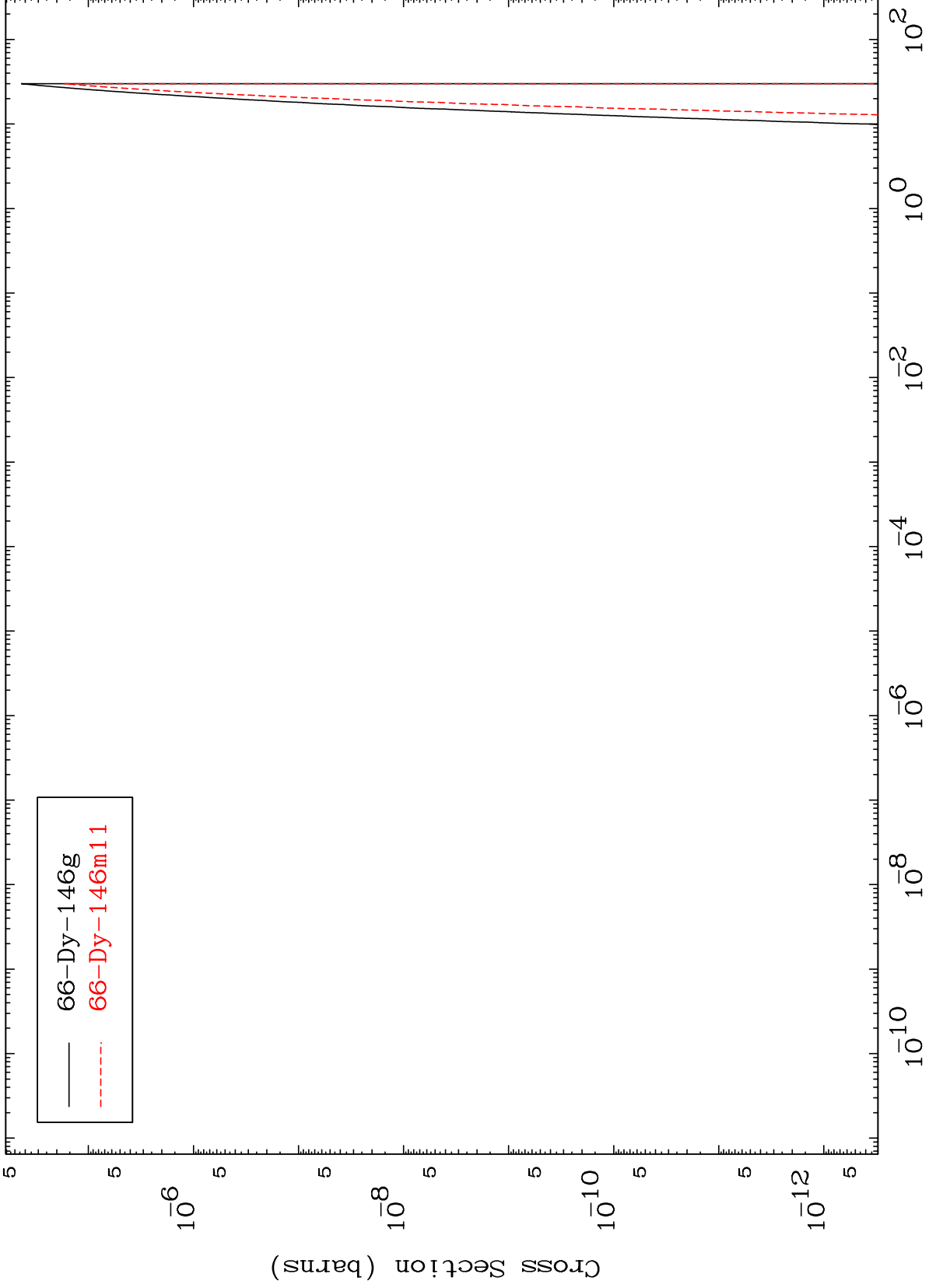
69-Tm-151

MAT 6871

(n,d)  $\alpha$

69-Tm-151

Radionuclide Production Cross Section



51

Incident Energy (MeV)

69-Tm-151