

Program EVALPLOT  
(Version 2015-2)

by

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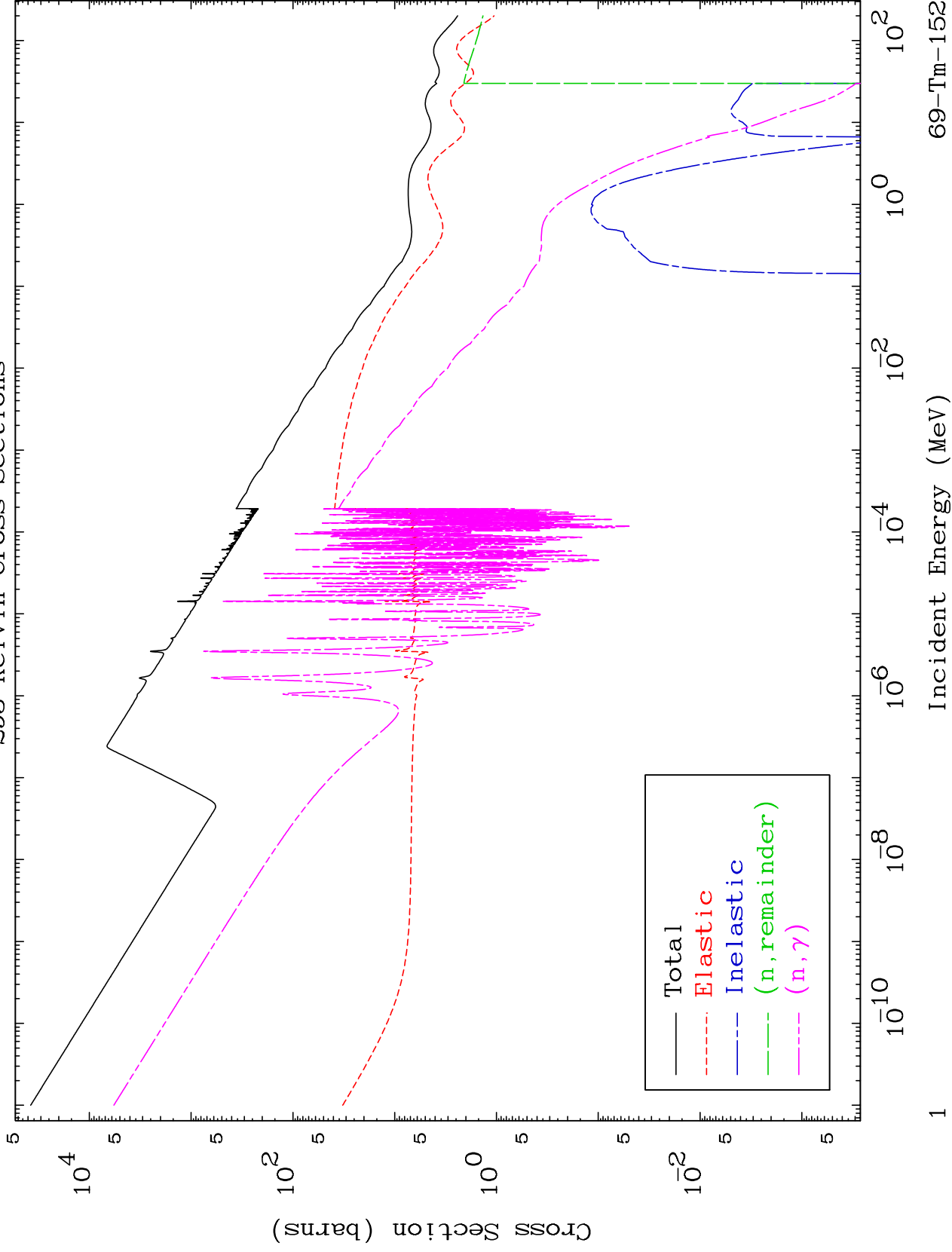
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6874

Major  
293 Kelvin Cross Sections

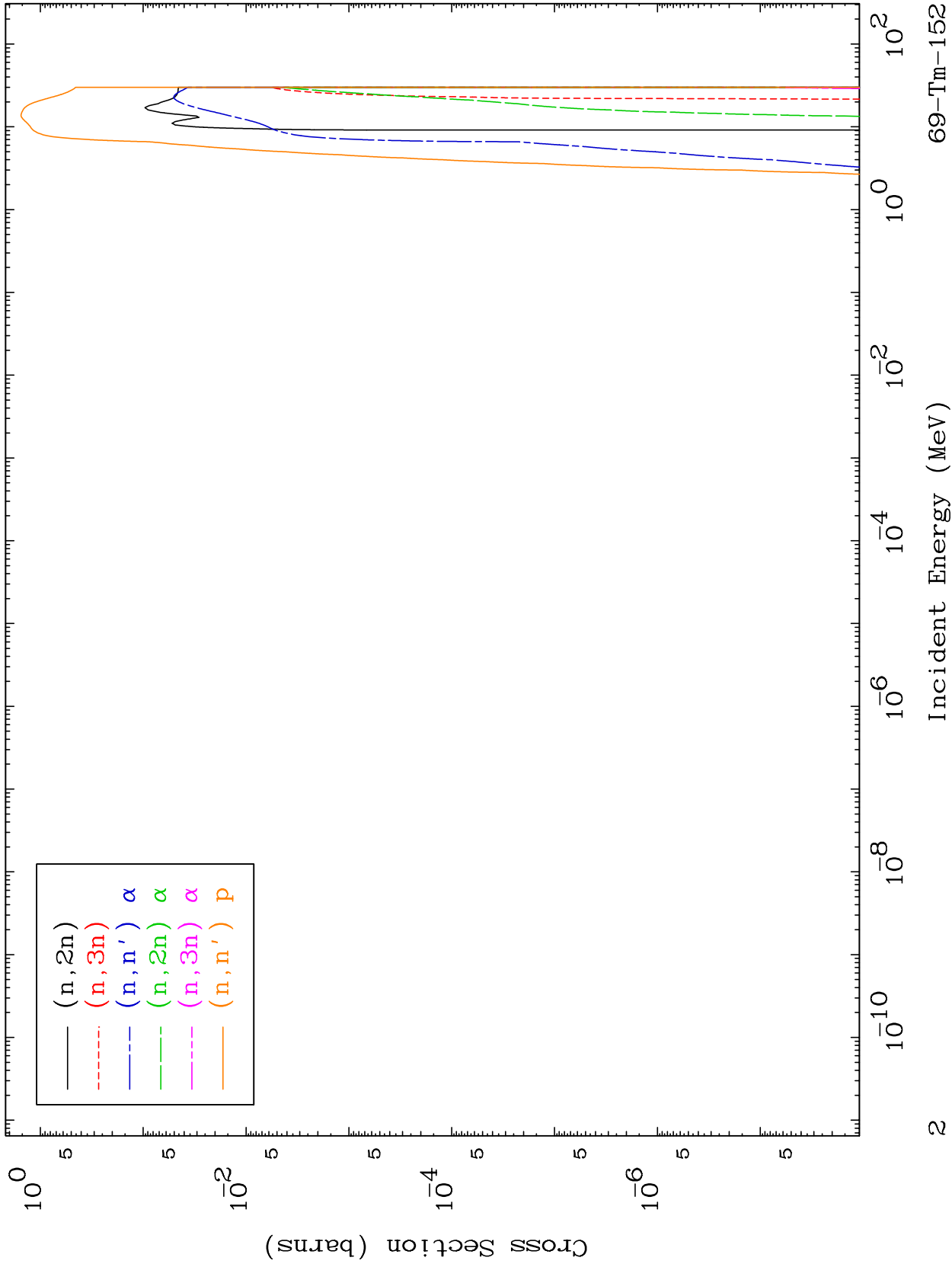
69-Tm-152



MAT 6874

Neutron Production  
293 Kelvin Cross Sections

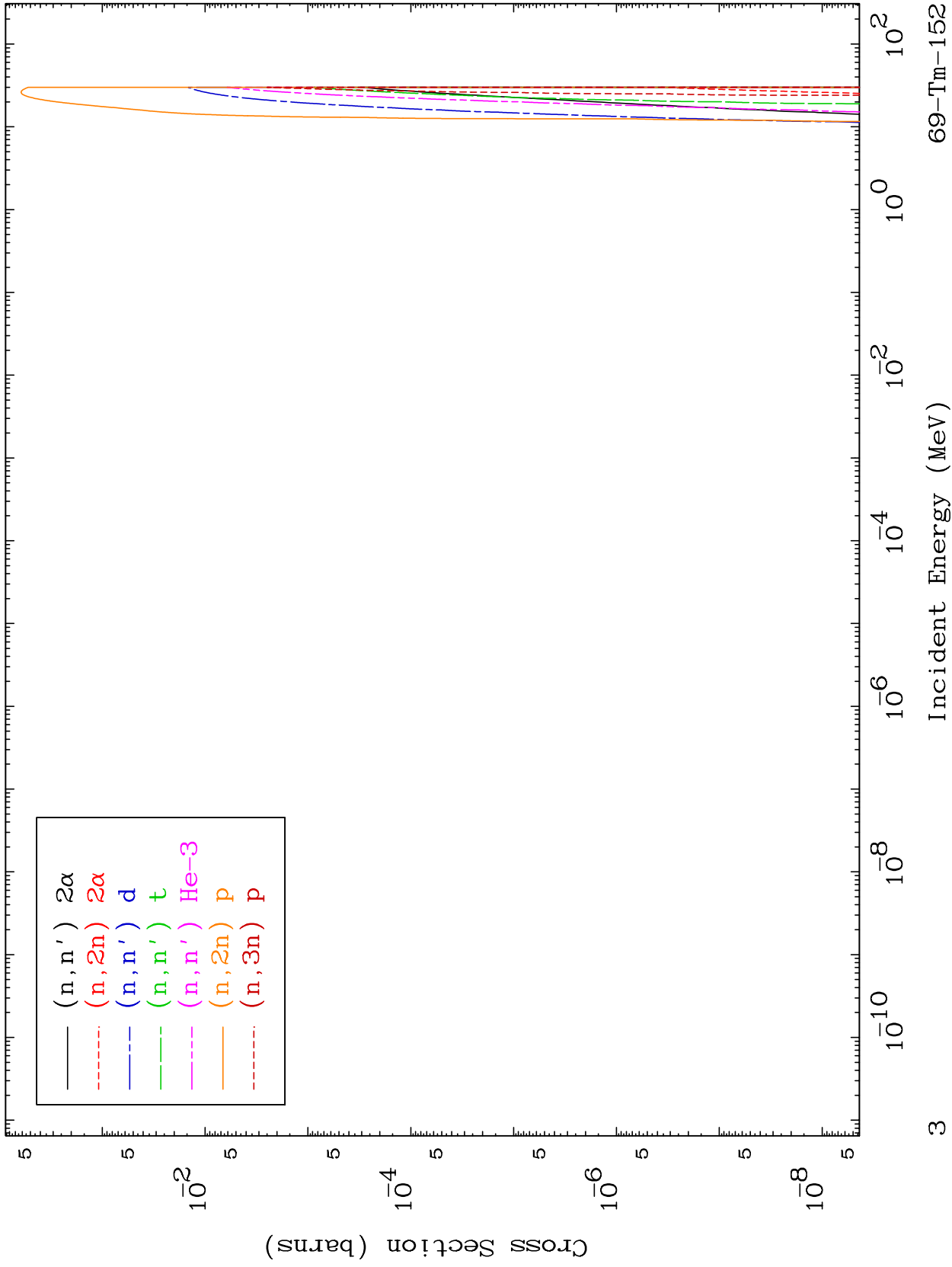
69-Tm-152



MAT 6874

Neutron Production  
293 Kelvin Cross Sections

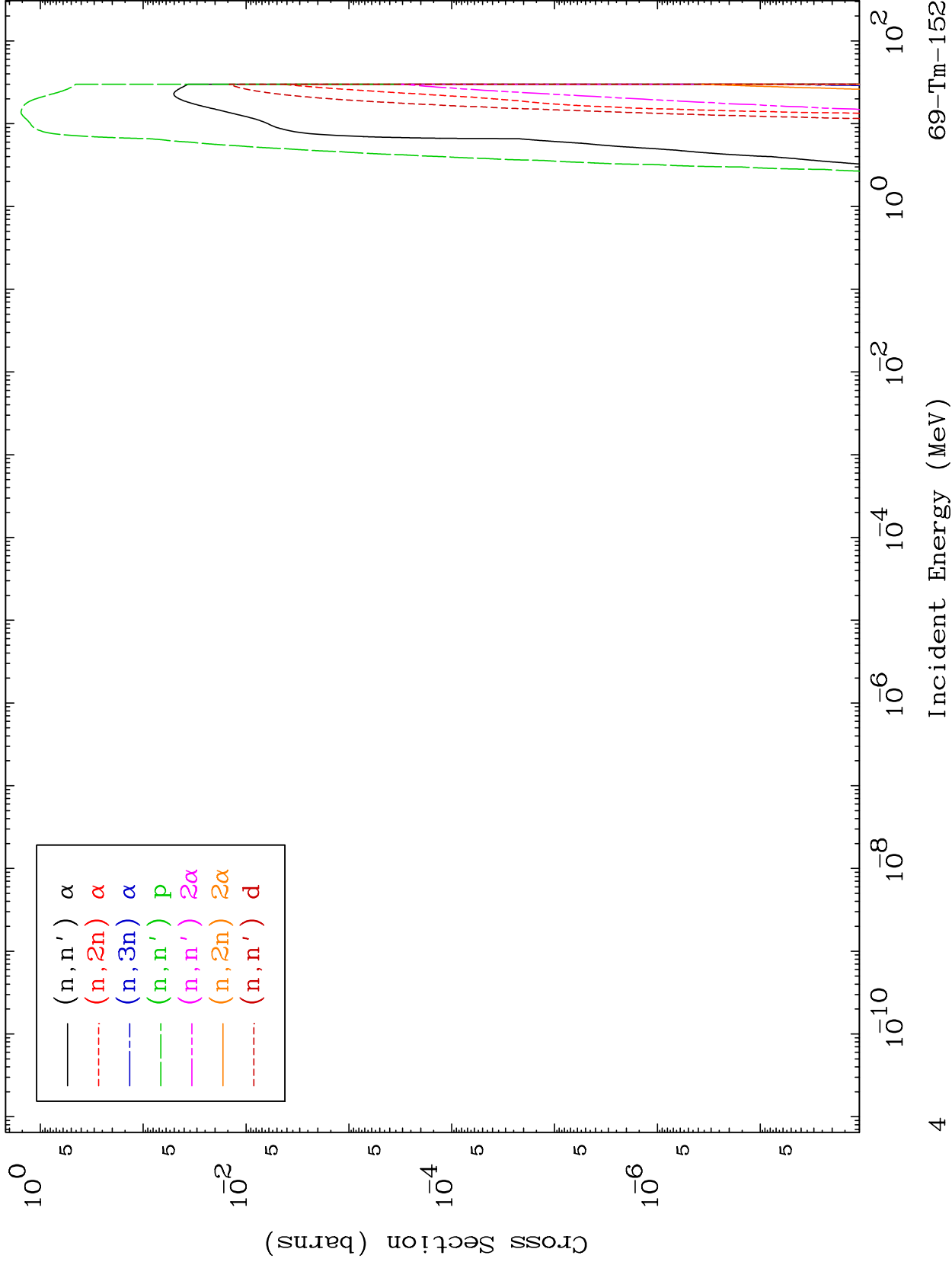
69-Tm-152



MAT 6874

Charged Particle  
293 Kelvin Cross Sections

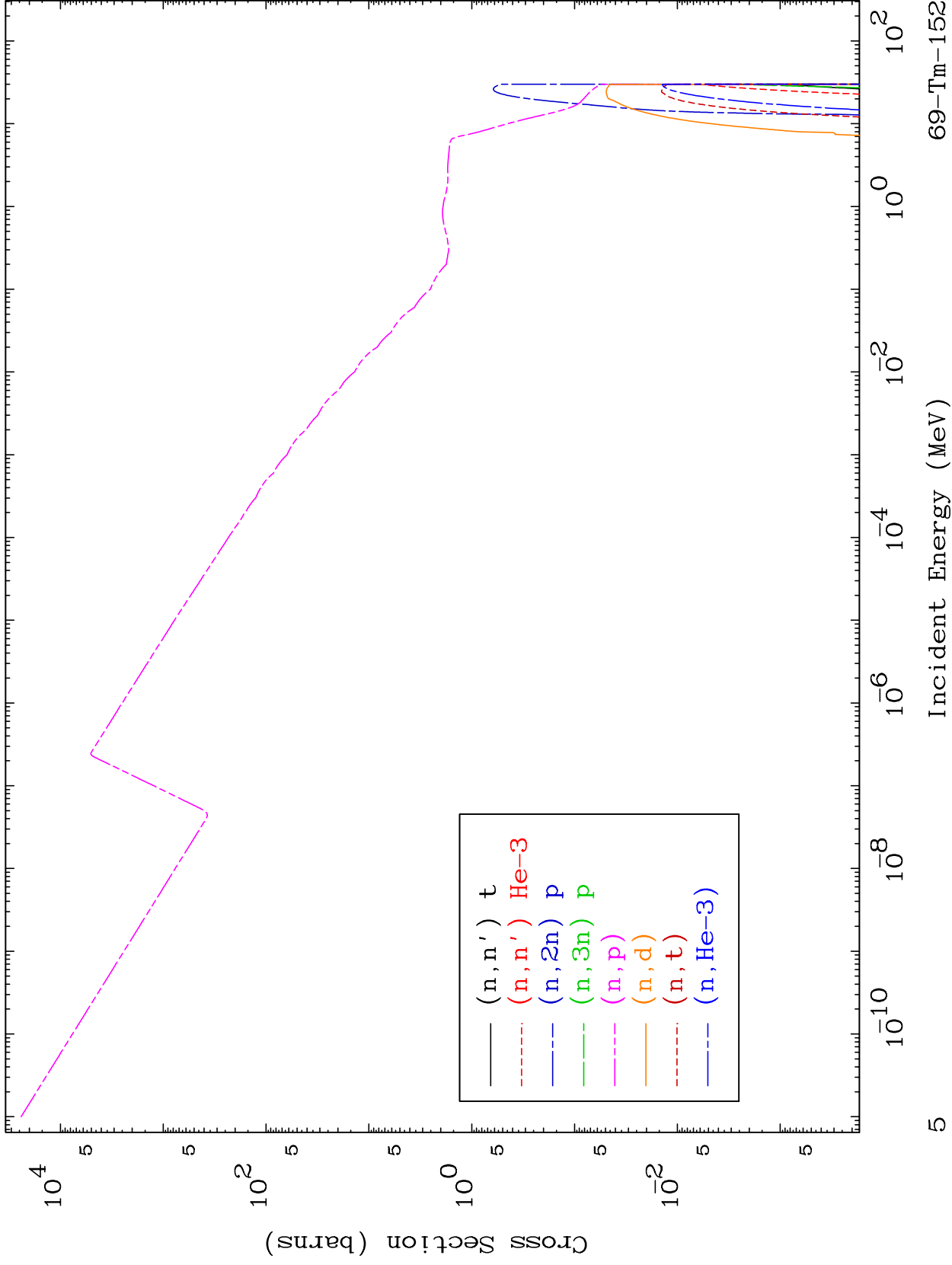
69-Tm-152



MAT 6874

Charged Particle  
293 Kelvin Cross Sections

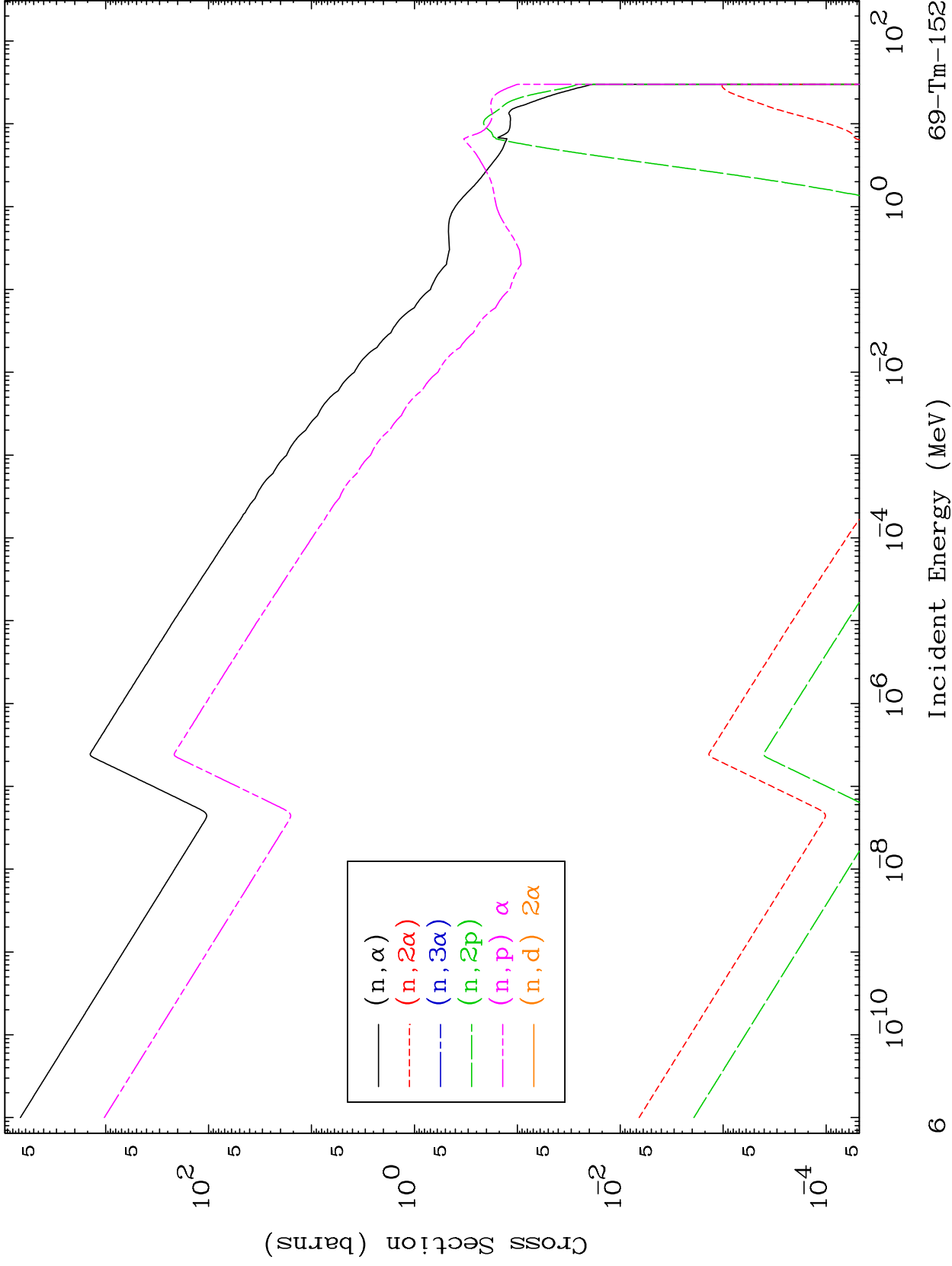
69-Tm-152



MAT 6874

Charged Particle  
293 Kelvin Cross Sections

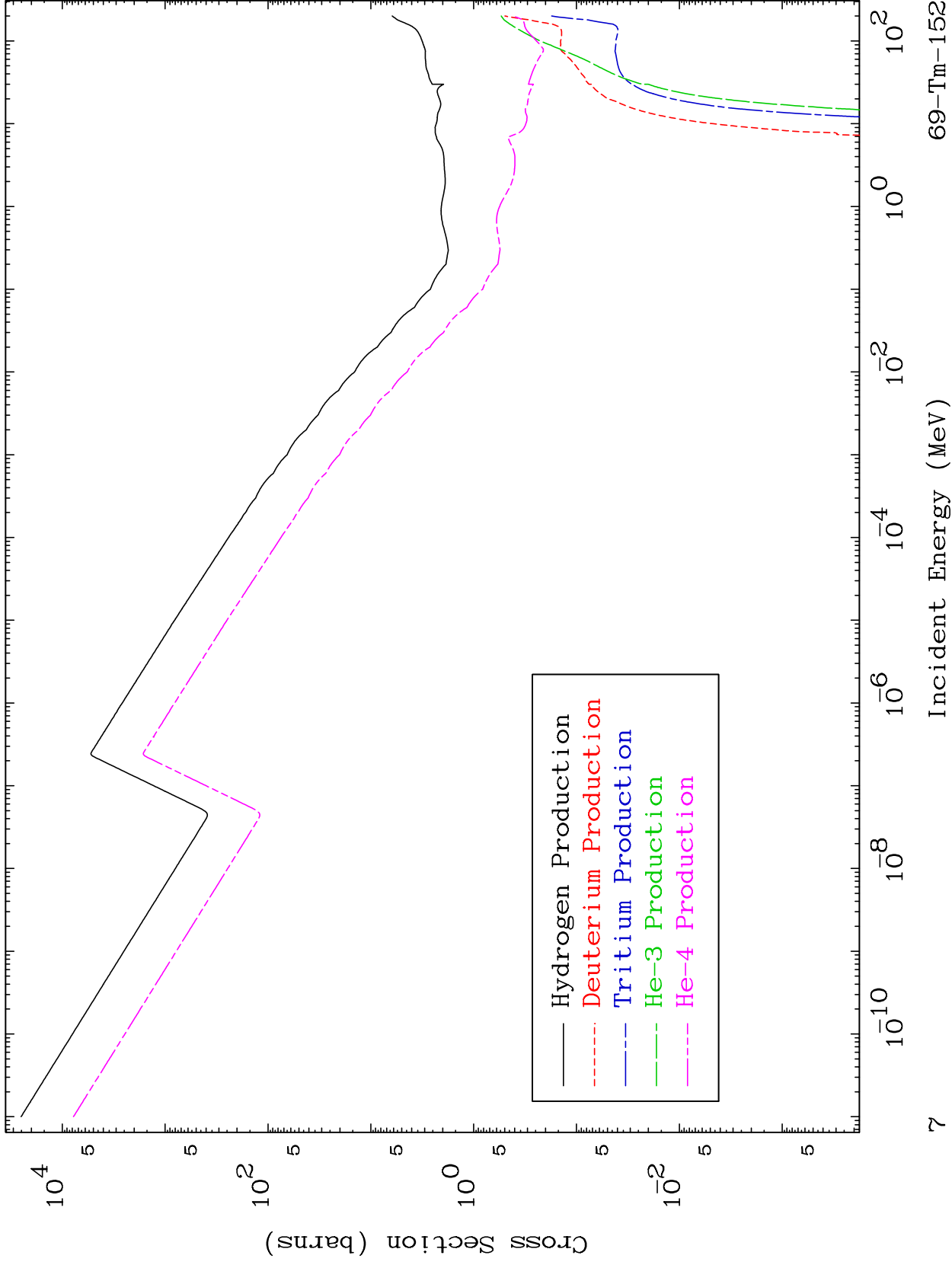
69-Tm-152



MAT 6874

Particle Production  
293 Kelvin Cross Sections

69-Tm-152



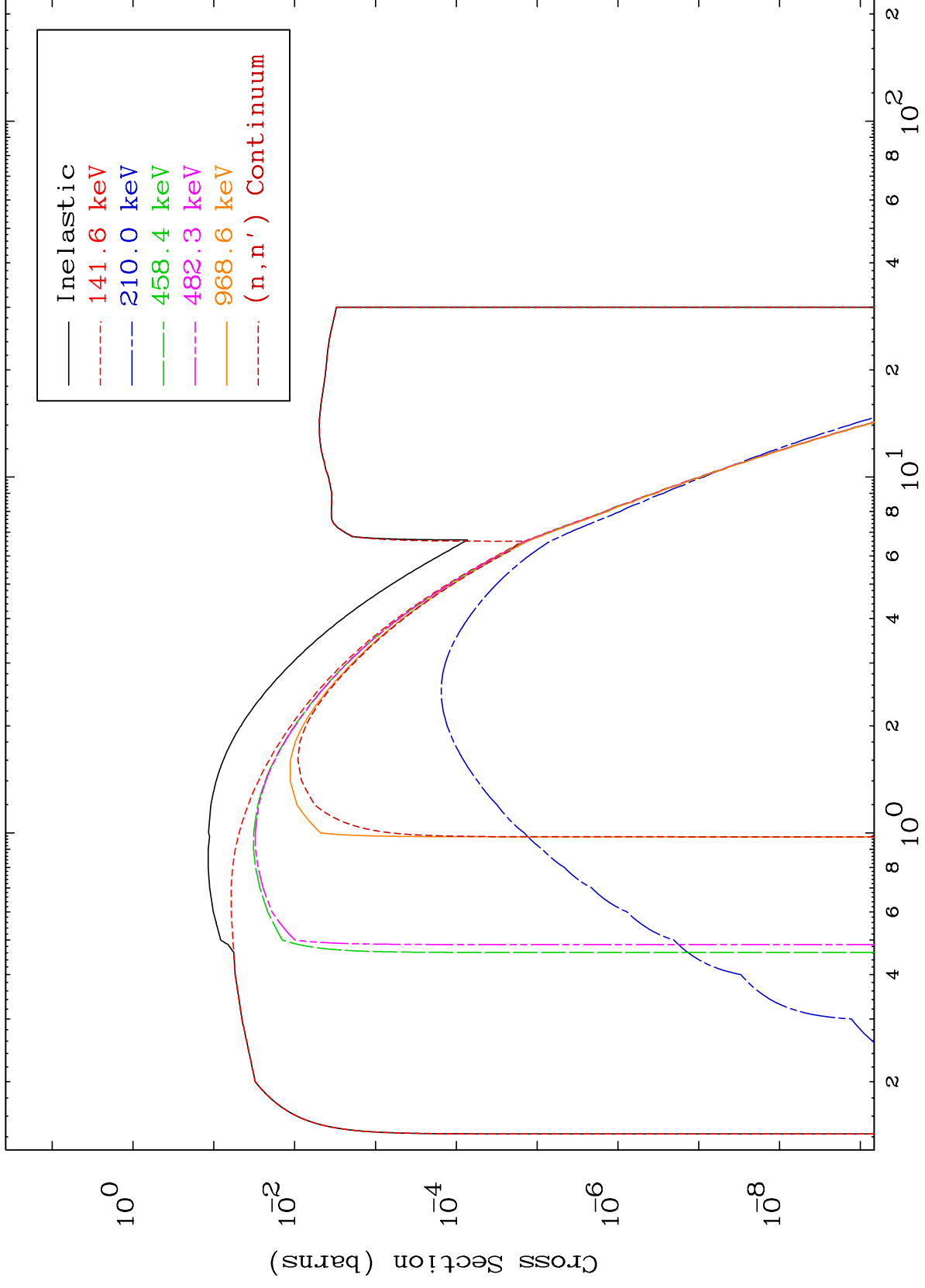


MAT 6874

(n,n') Level

69-Tm-152

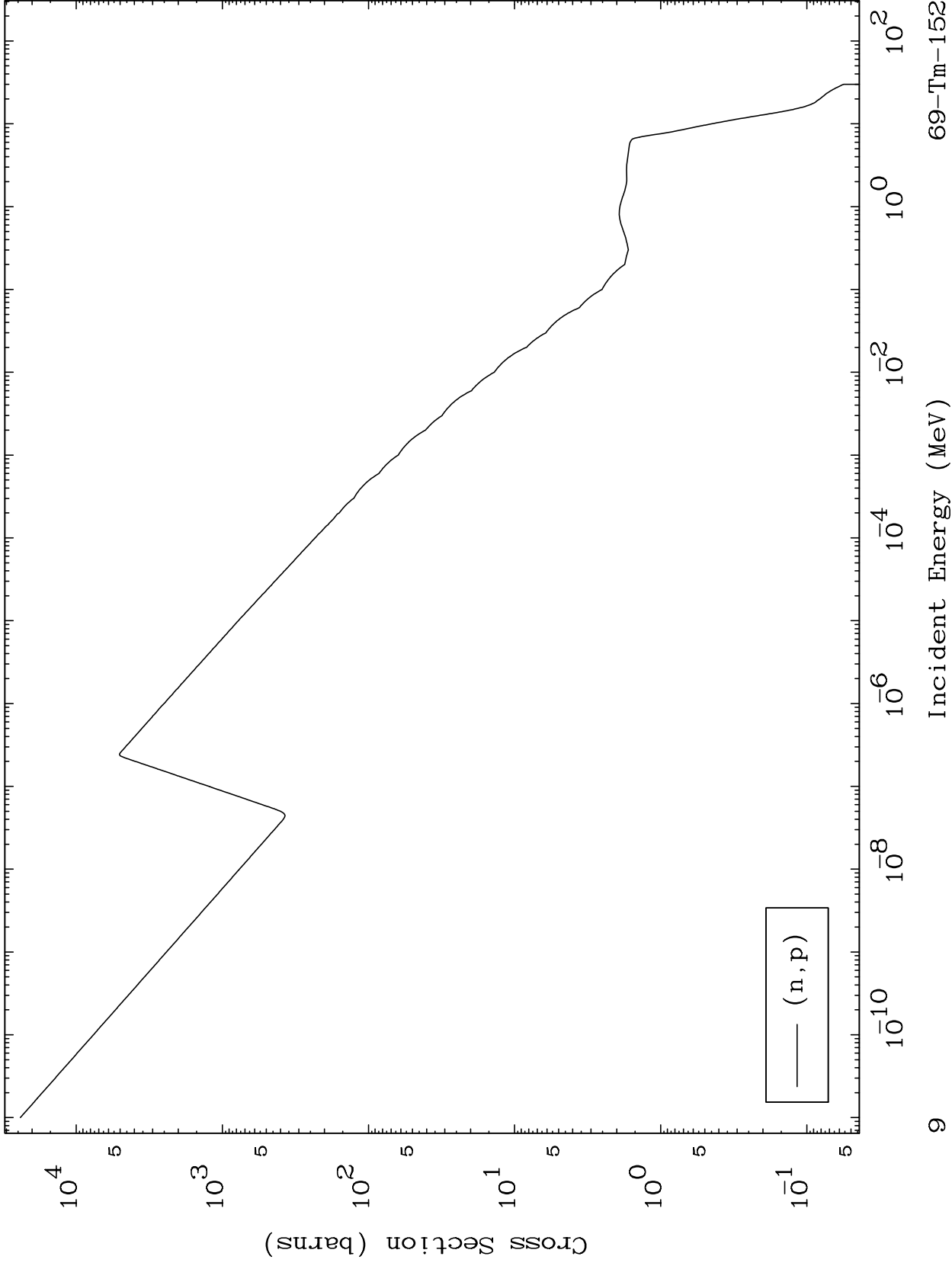
293 Kelvin Cross Sections



MAT 6874

(n,p) Levels  
293 Kelvin Cross Sections

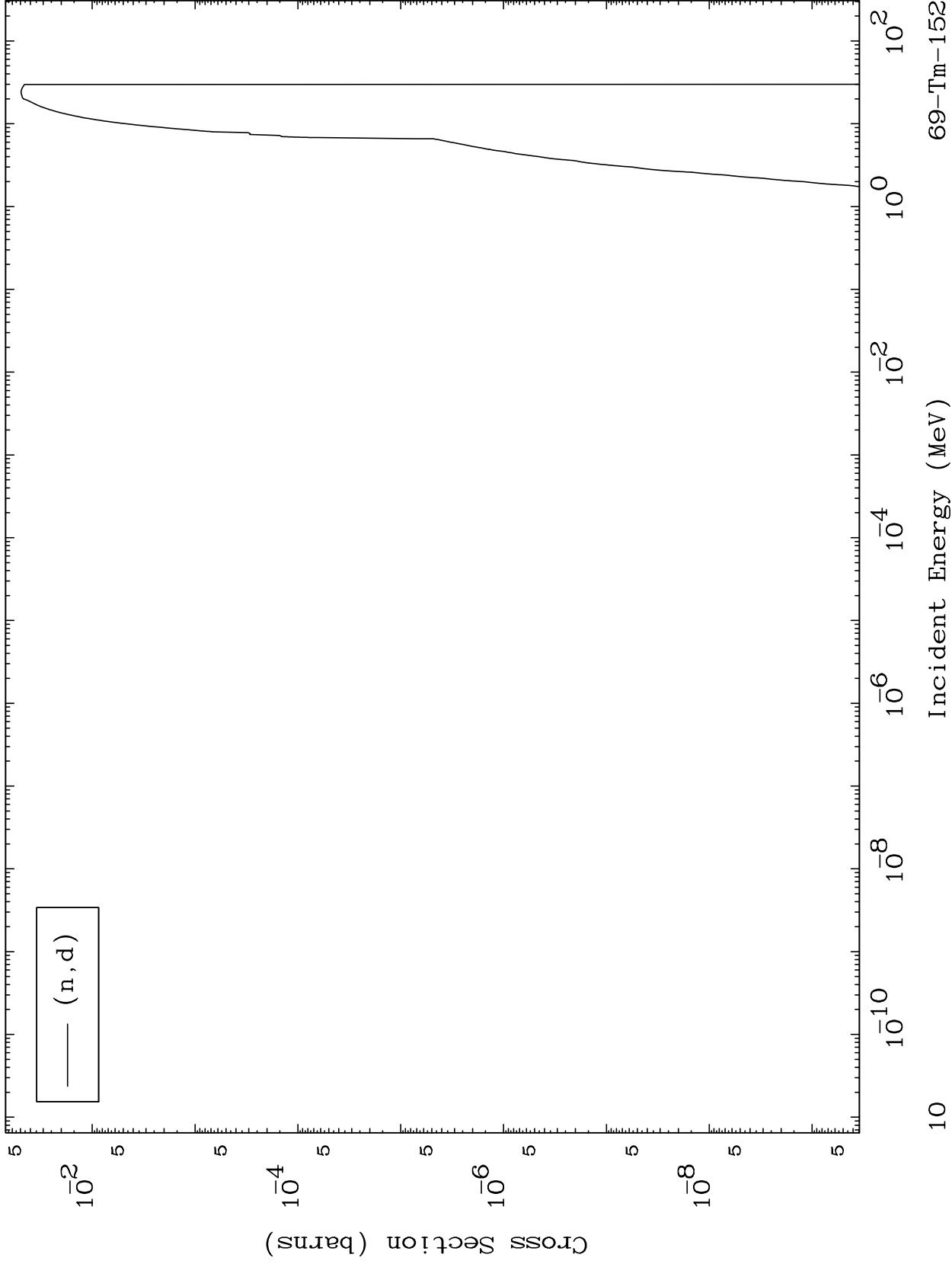
69-Tm-152



MAT 6874

(n,d) Levels  
293 Kelvin Cross Sections

69-Tm-152



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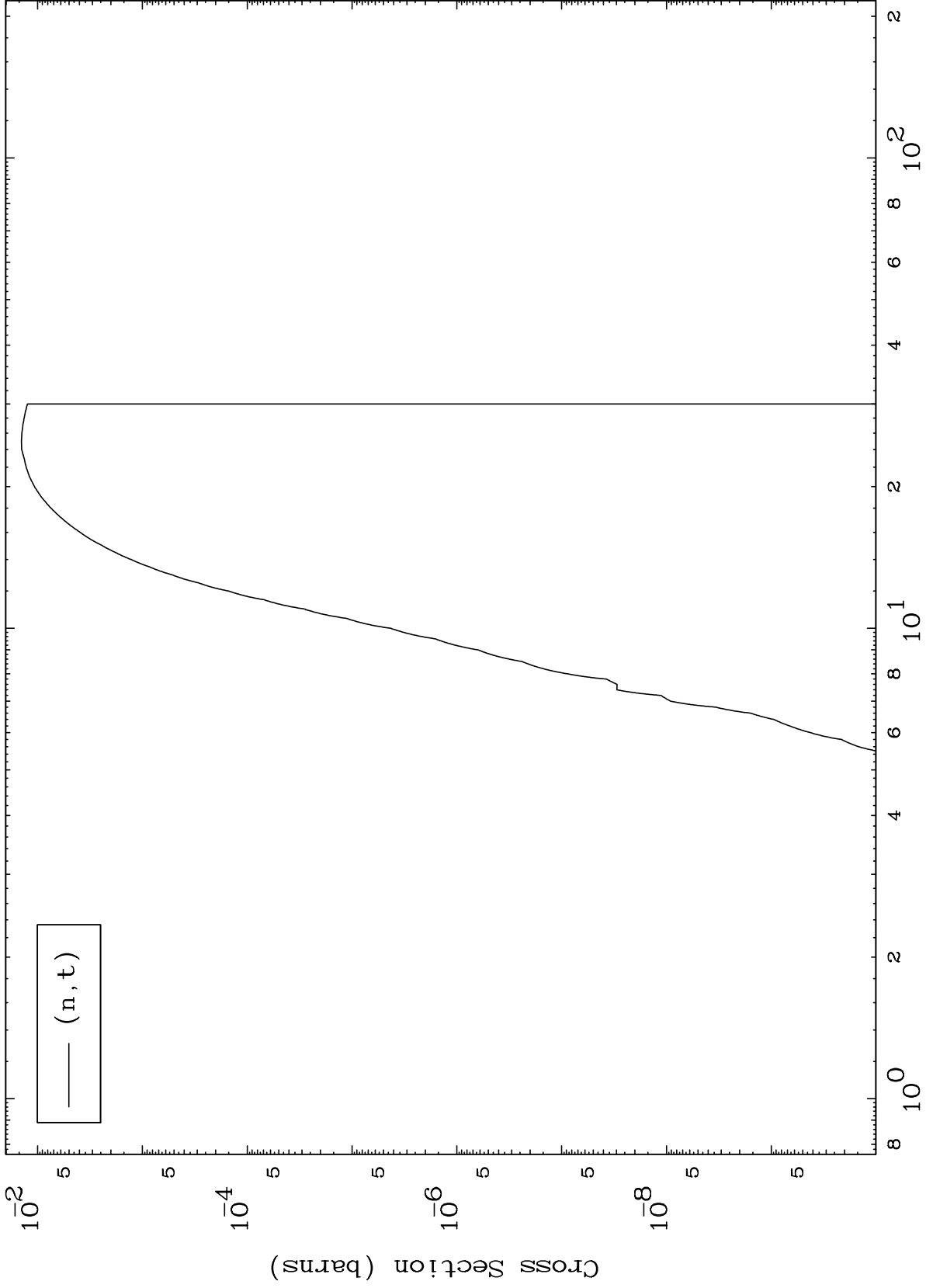
Incident Energy (MeV)

69-Tm-152

MAT 6874

(n,t) Levels  
293 Kelvin Cross Sections

69-Tm-152



11

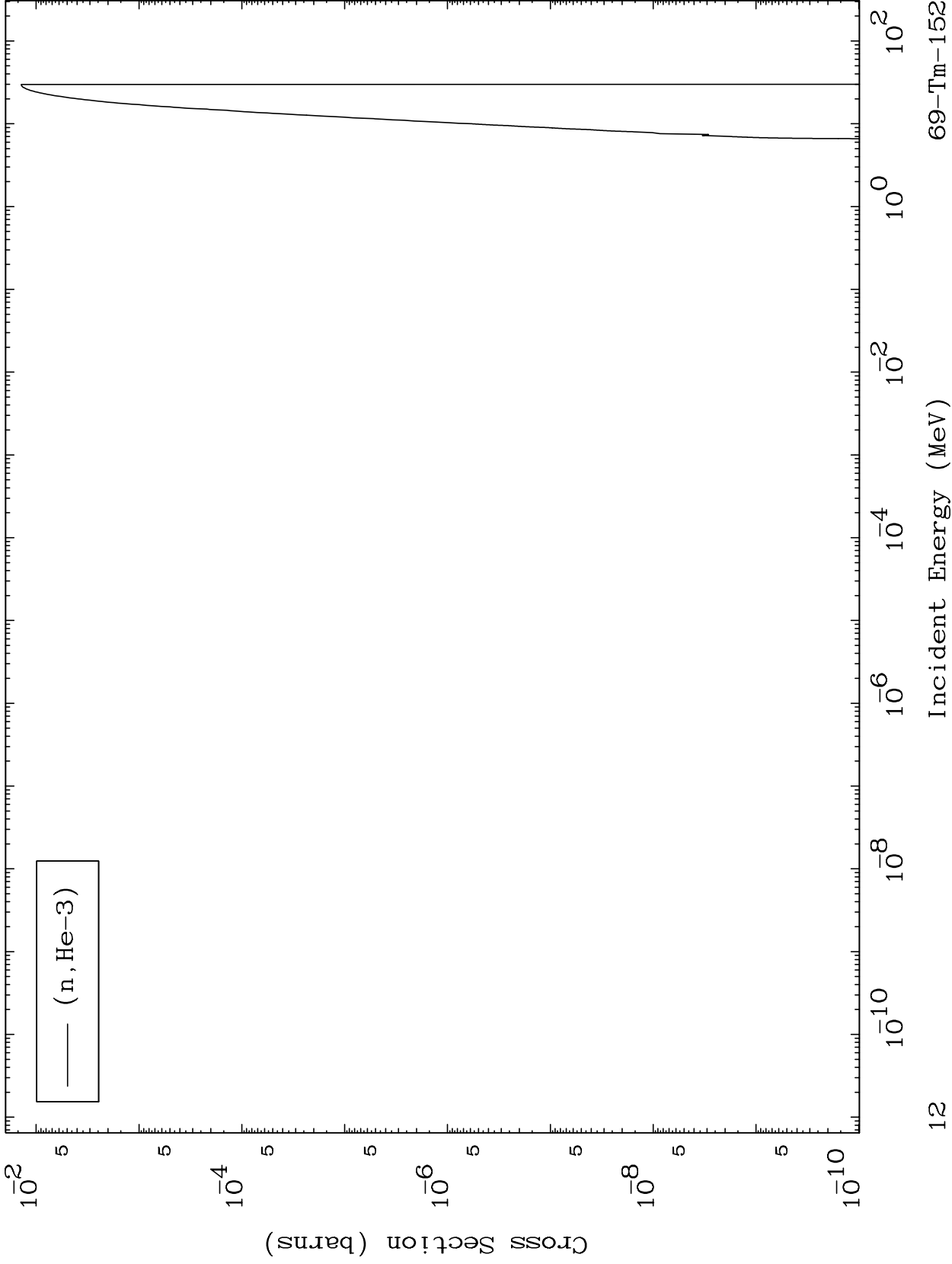
Incident Energy (MeV)

69-Tm-152

MAT 6874

(n,He3) Levels  
293 Kelvin Cross Sections

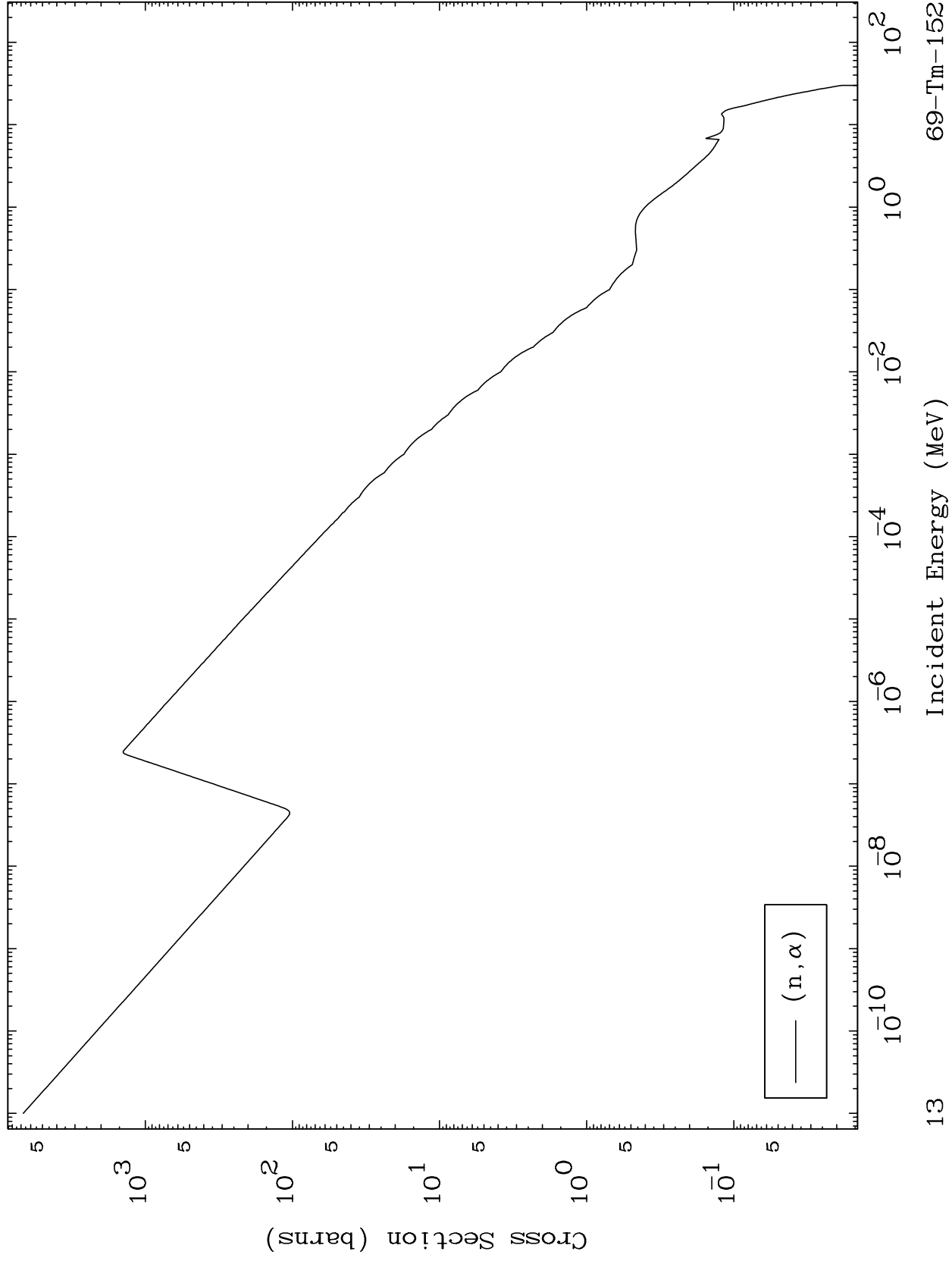
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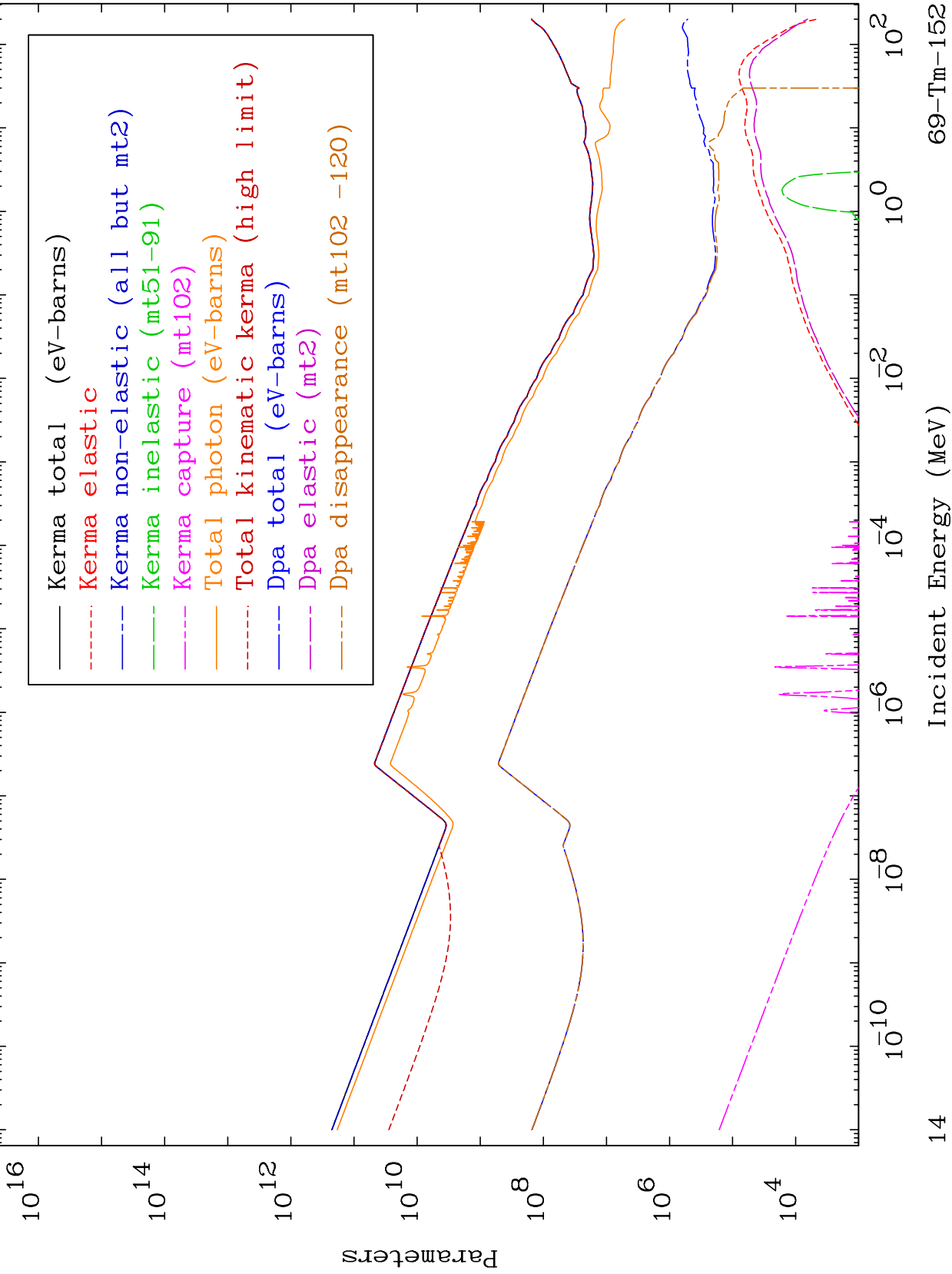


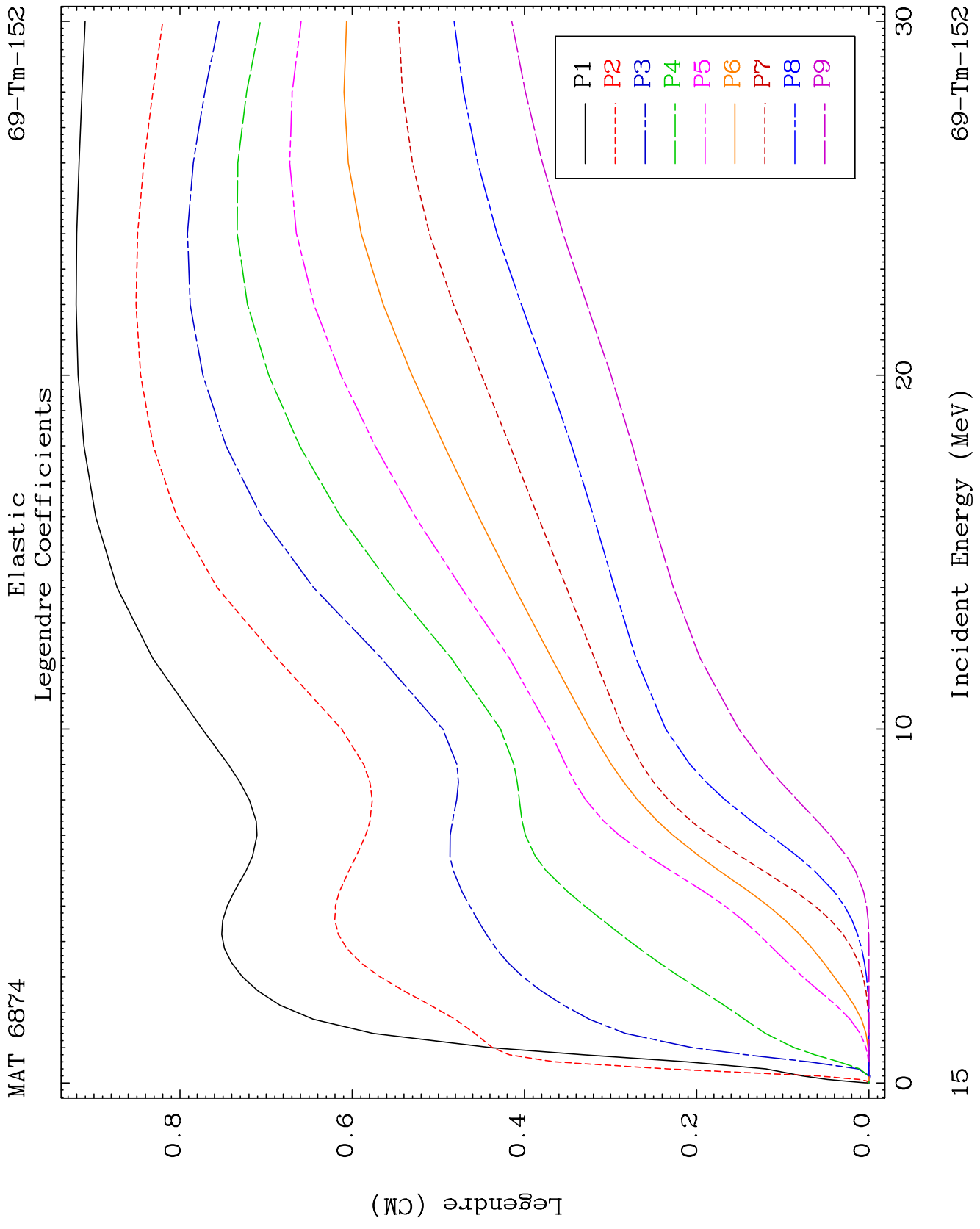
MAT 6874

(n,α) Levels  
293 Kelvin Cross Sections

69-Tm-152





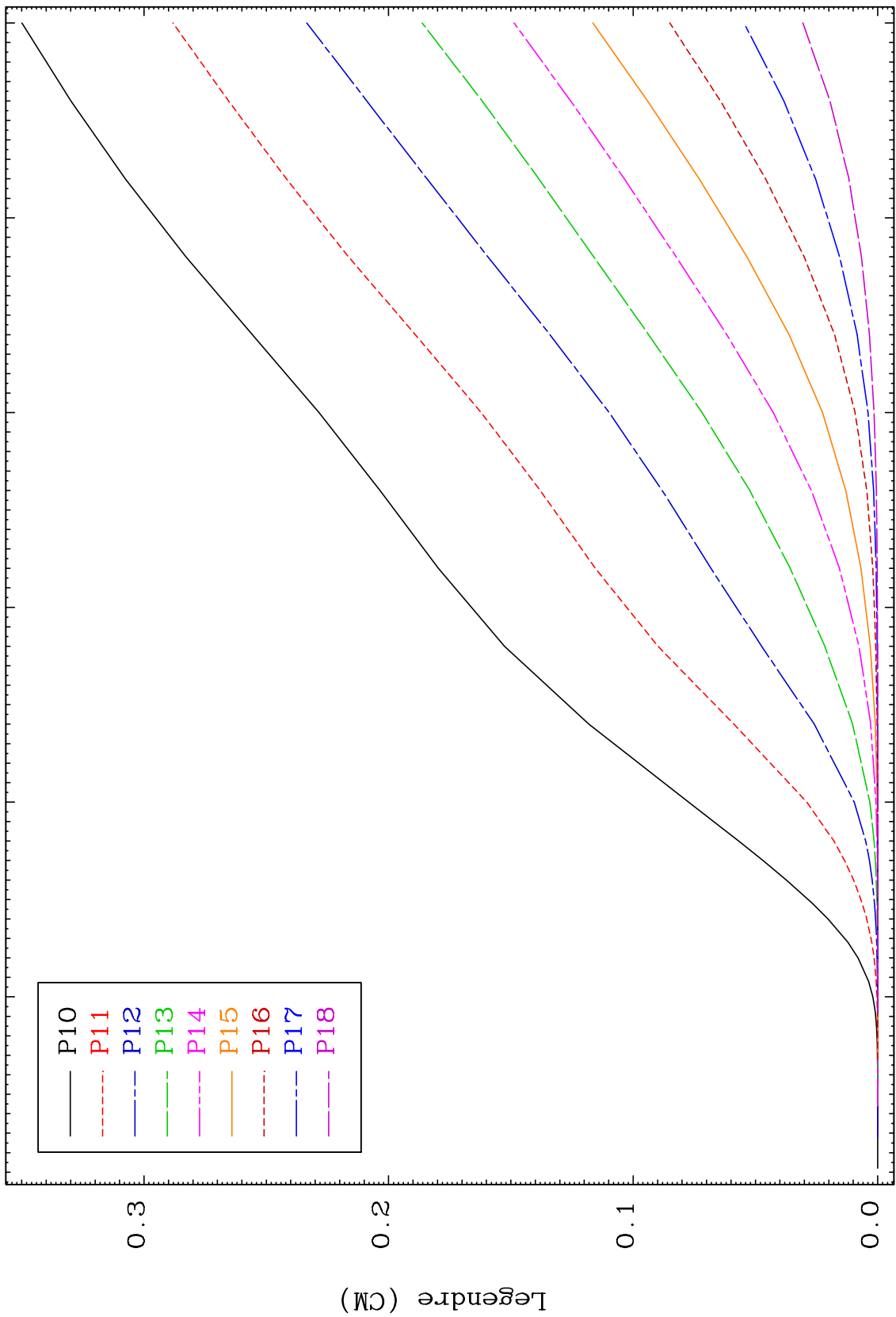




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Elastic Legendre Coefficients

69-Tm-152



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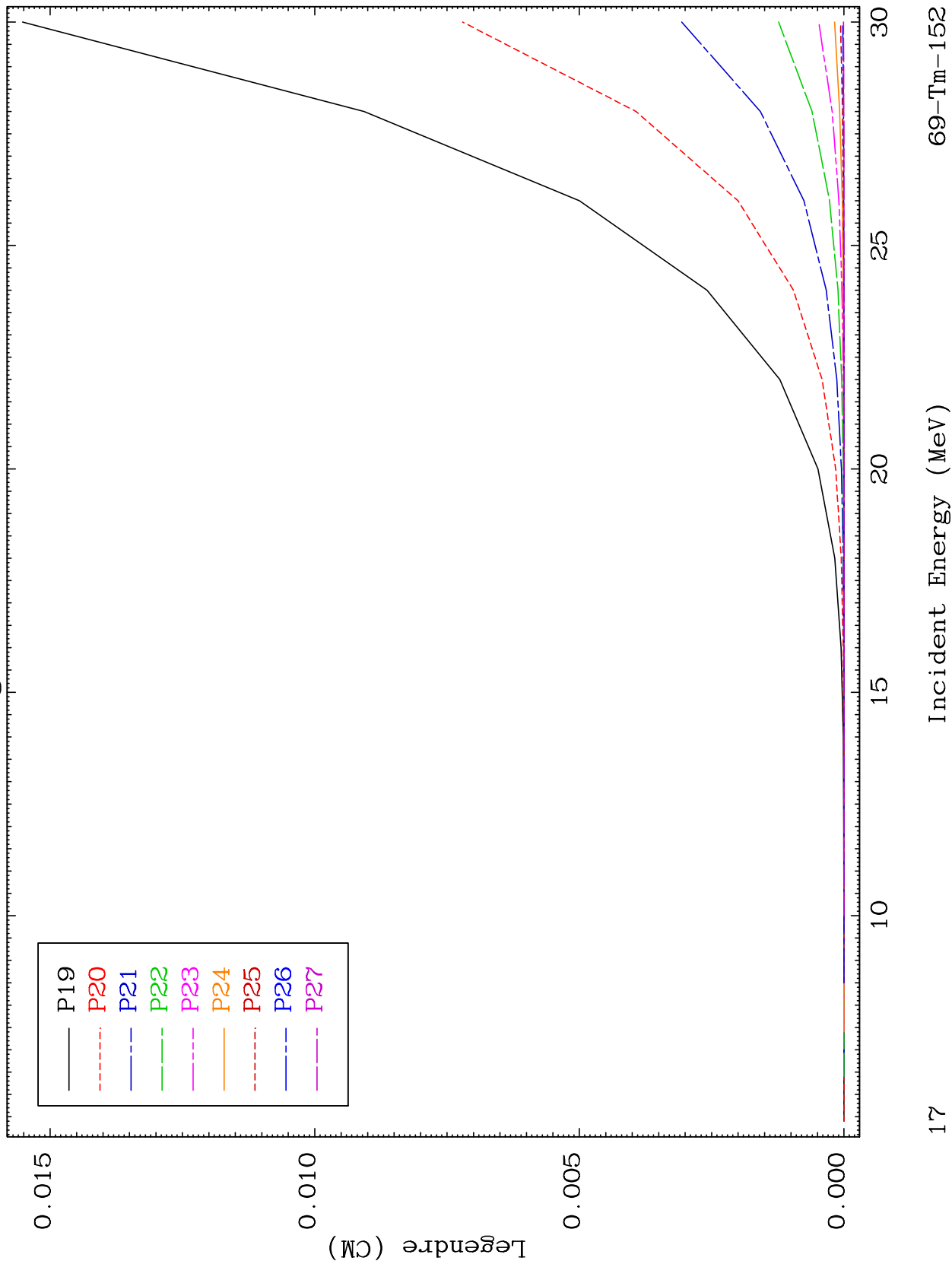
Incident Energy (MeV)

69-Tm-152

MAT 6874

### Elastic Legendre Coefficients

69-Tm-152



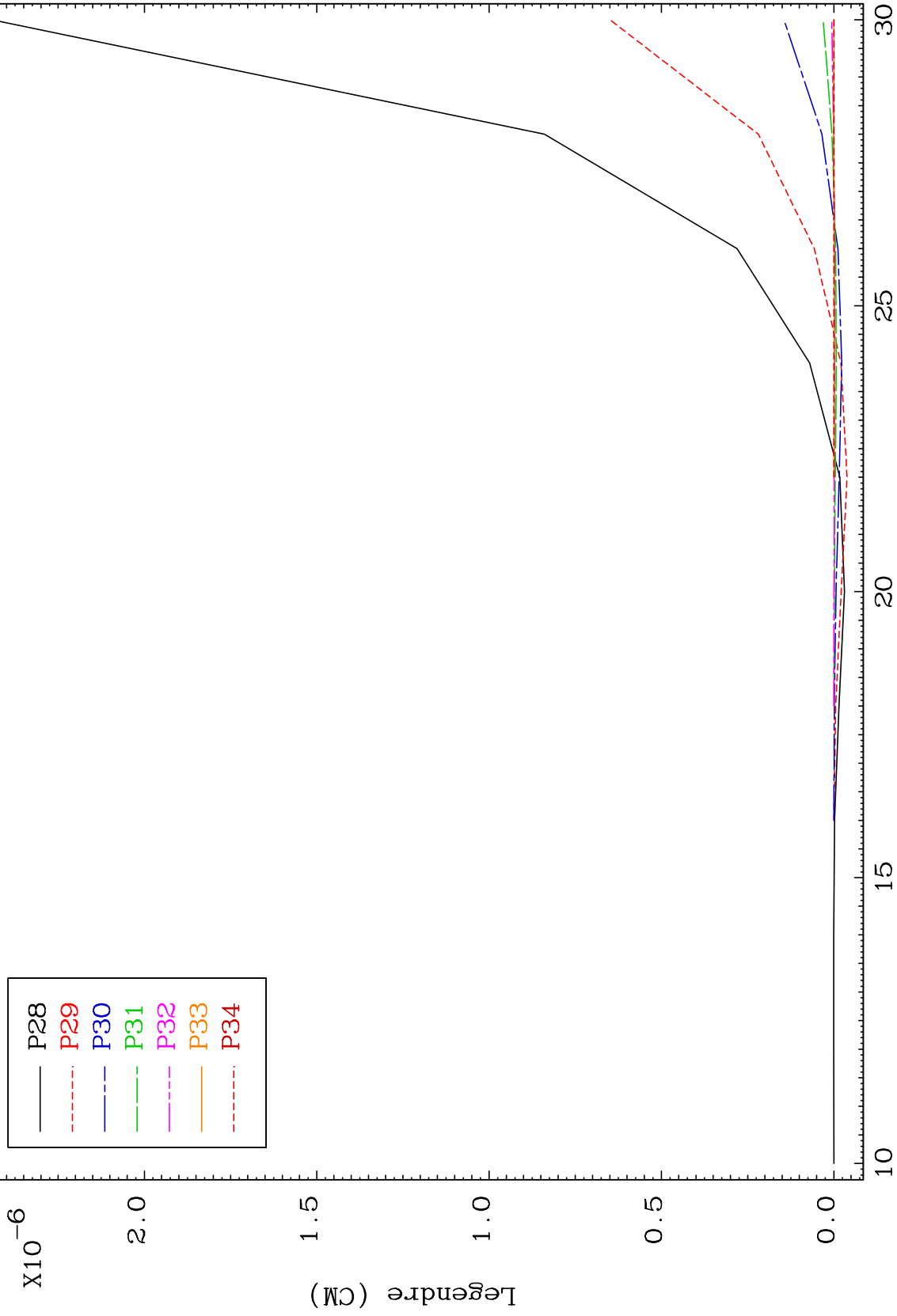
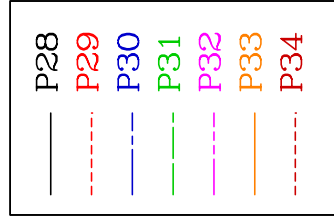
17

69-Tm-152

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Elastic  
Legendre Coefficients

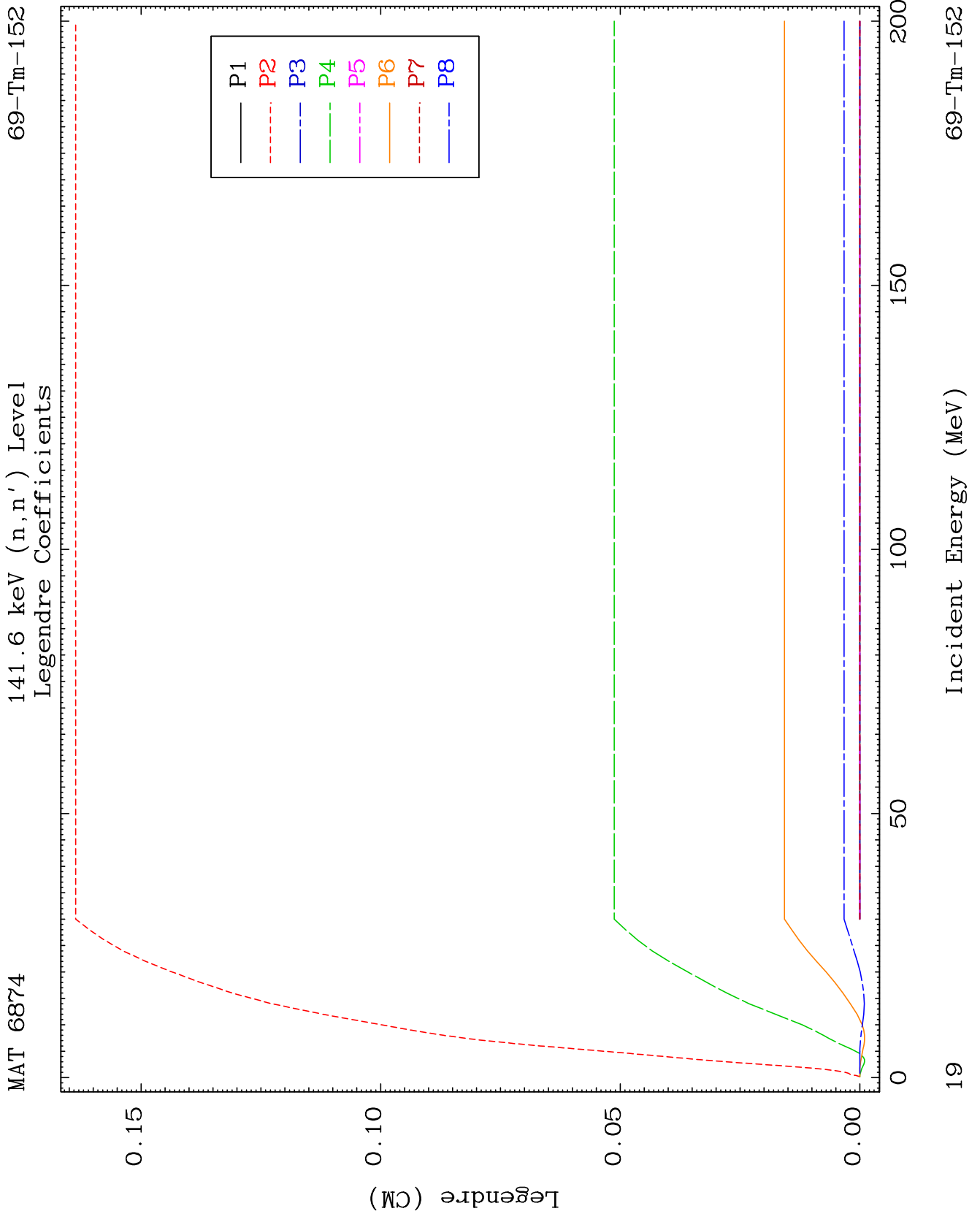
69-Tm-152

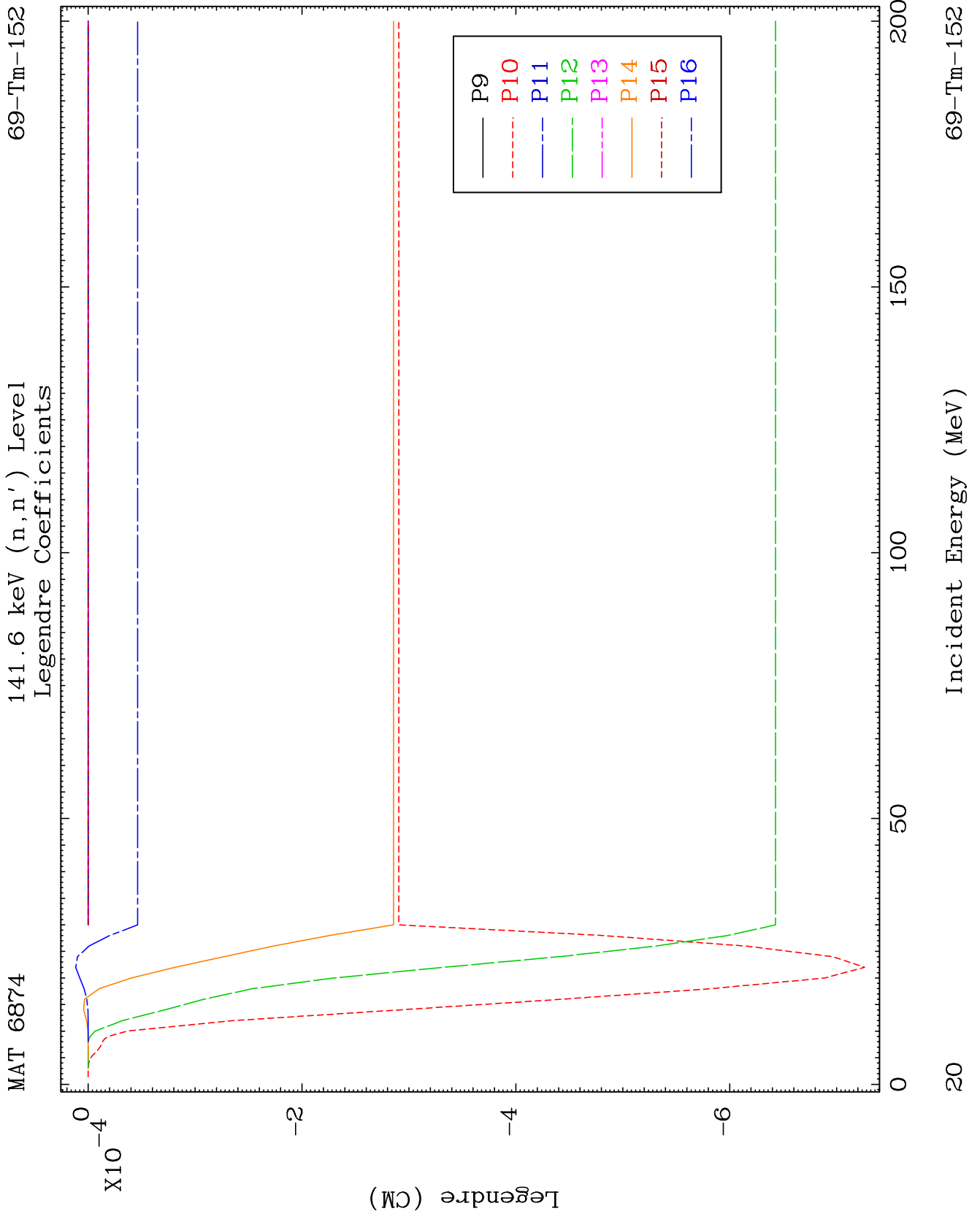


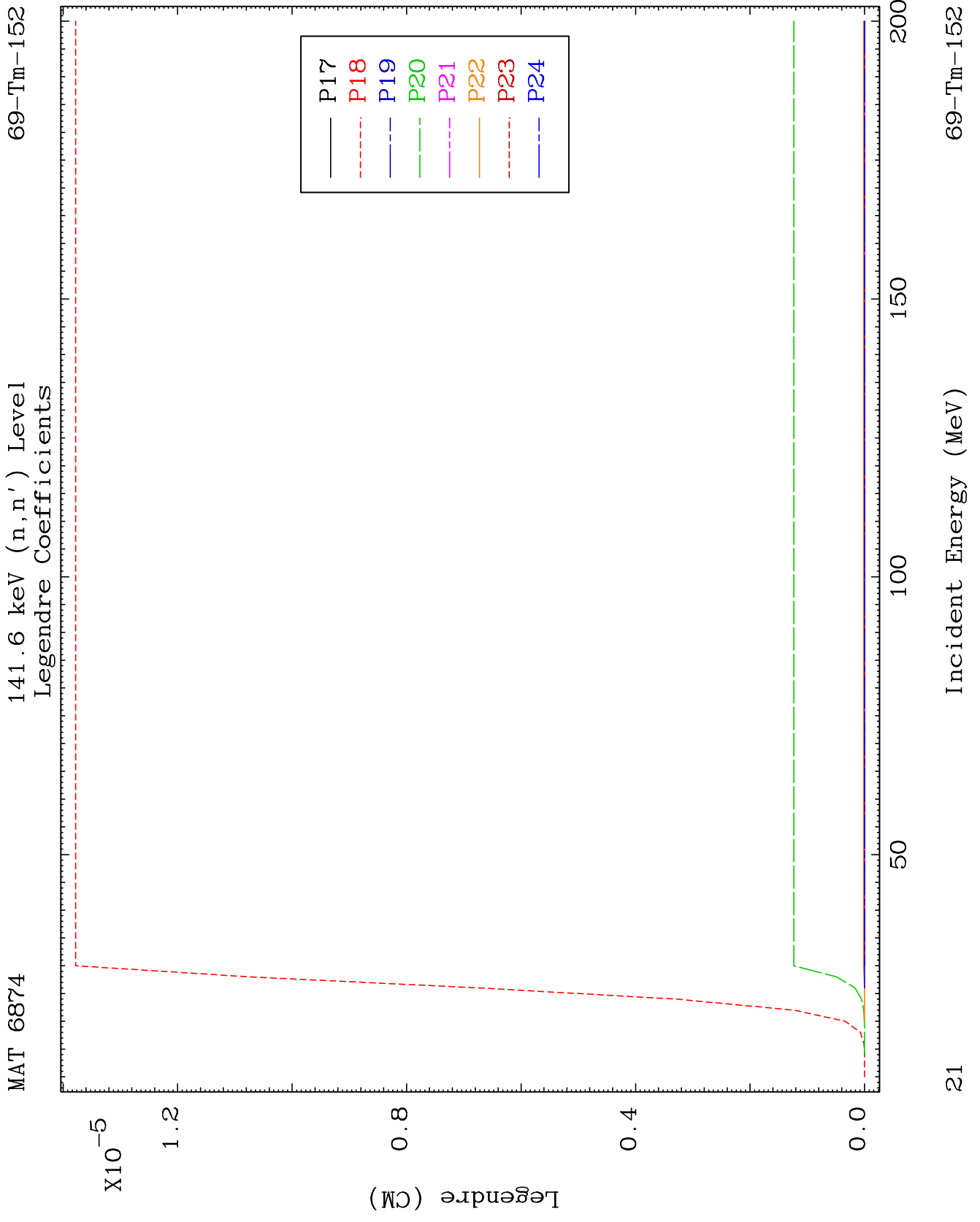
18

Incident Energy (MeV)

69-Tm-152



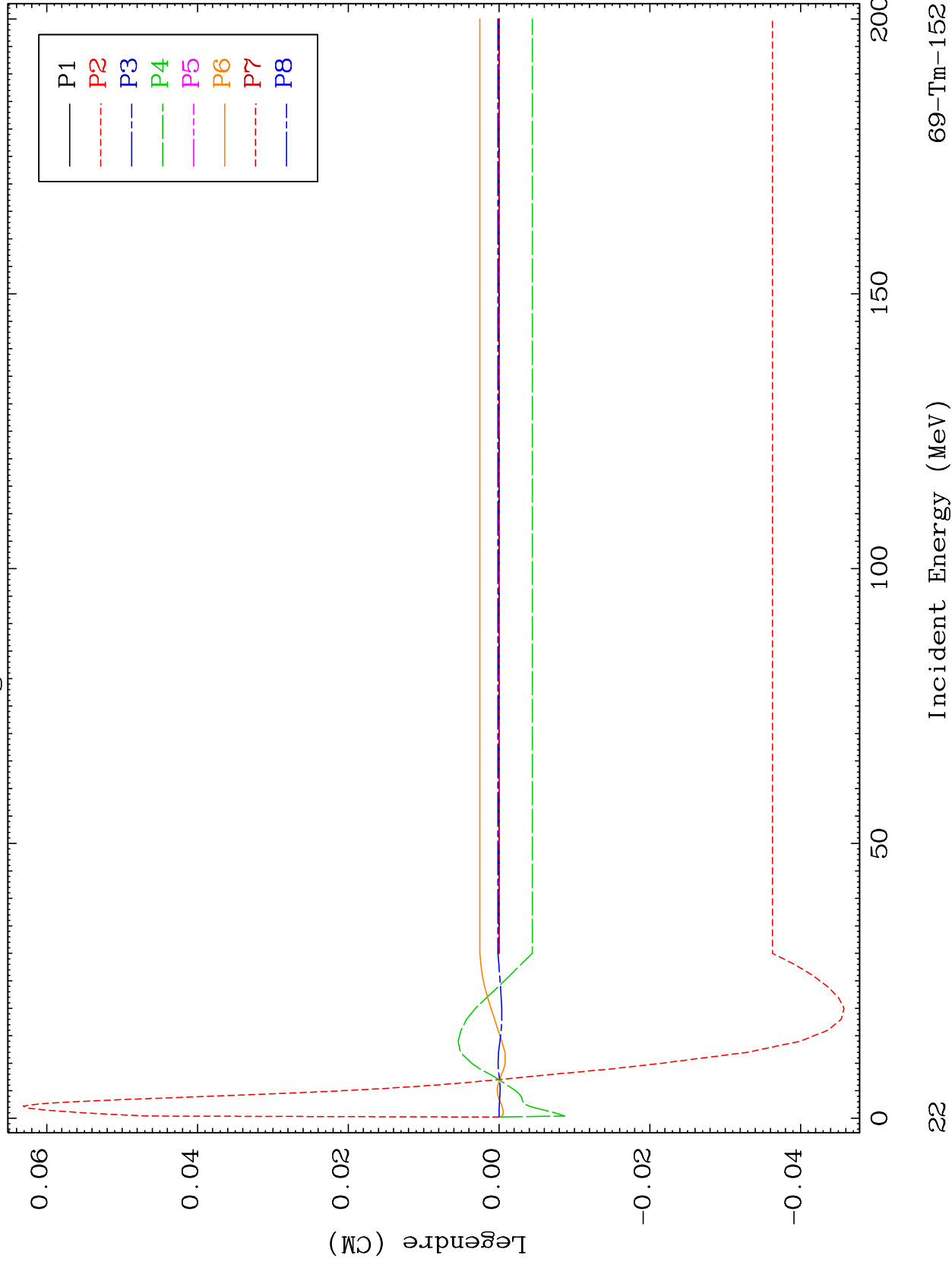




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210.0 keV (n,n') Level  
Legendre Coefficients

69-Tm-152



69-Tm-152

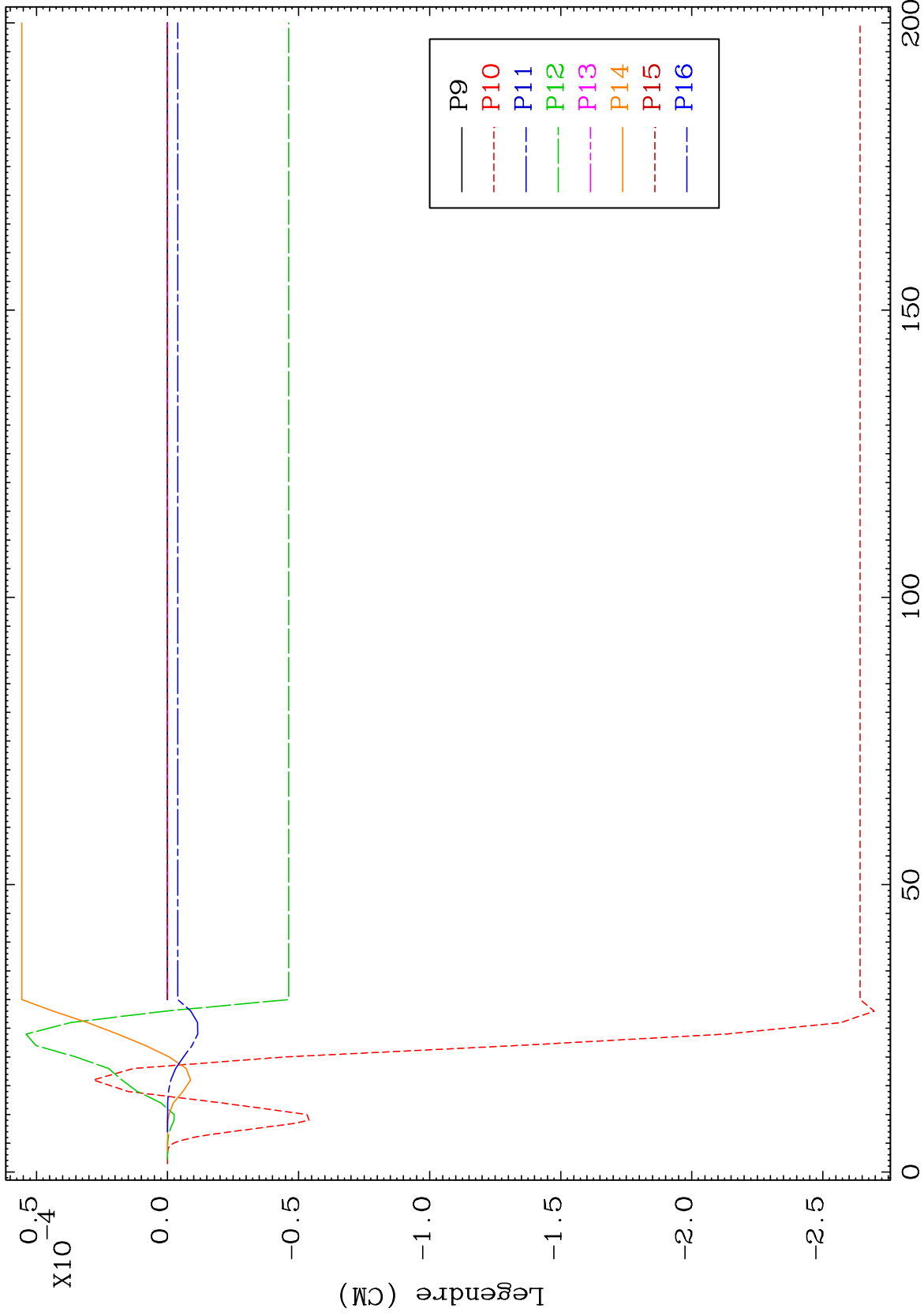
Incident Energy (MeV)

22

MAT 6874

210.0 keV (n,n') Level  
Legendre Coefficients

69-Tm-152

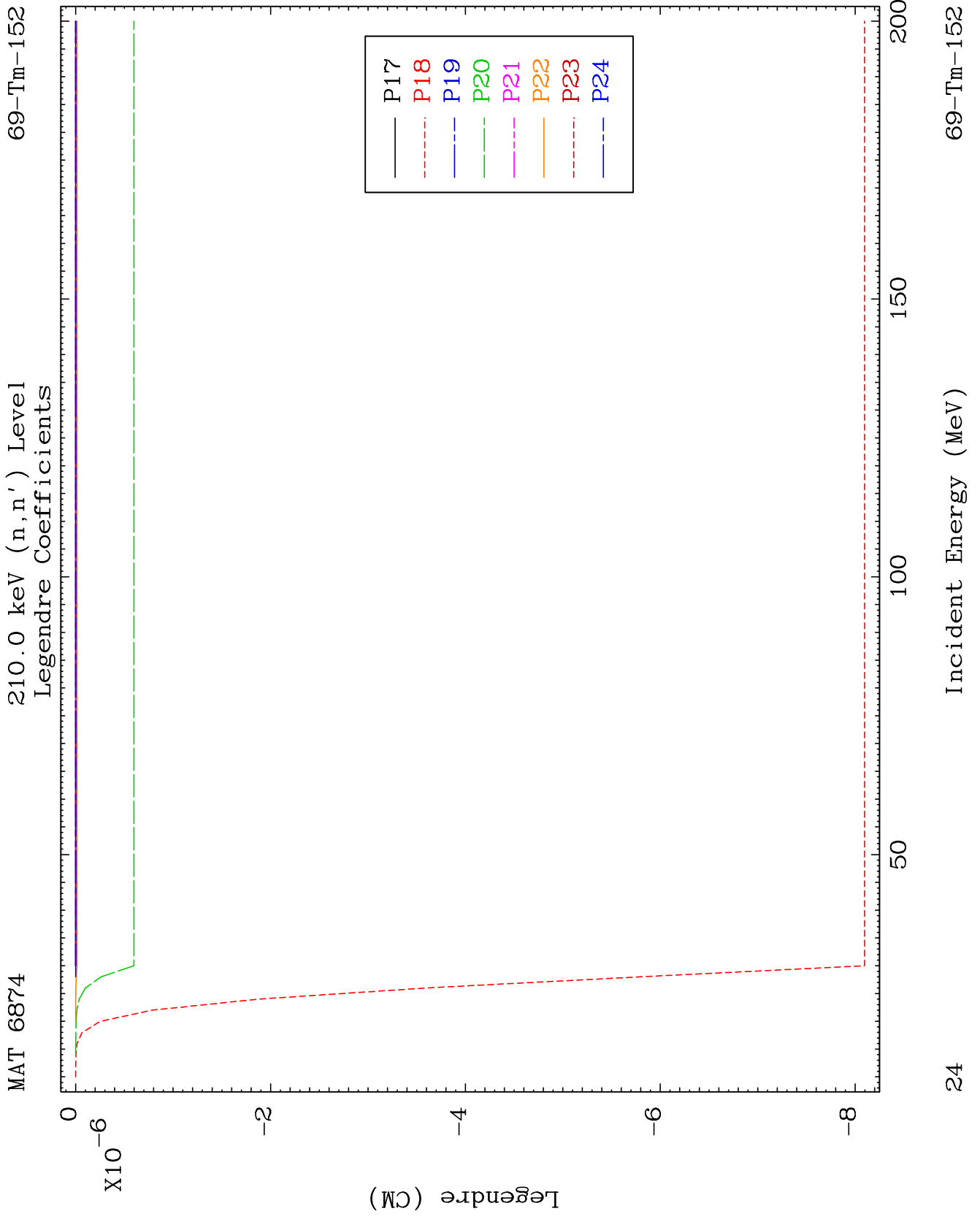


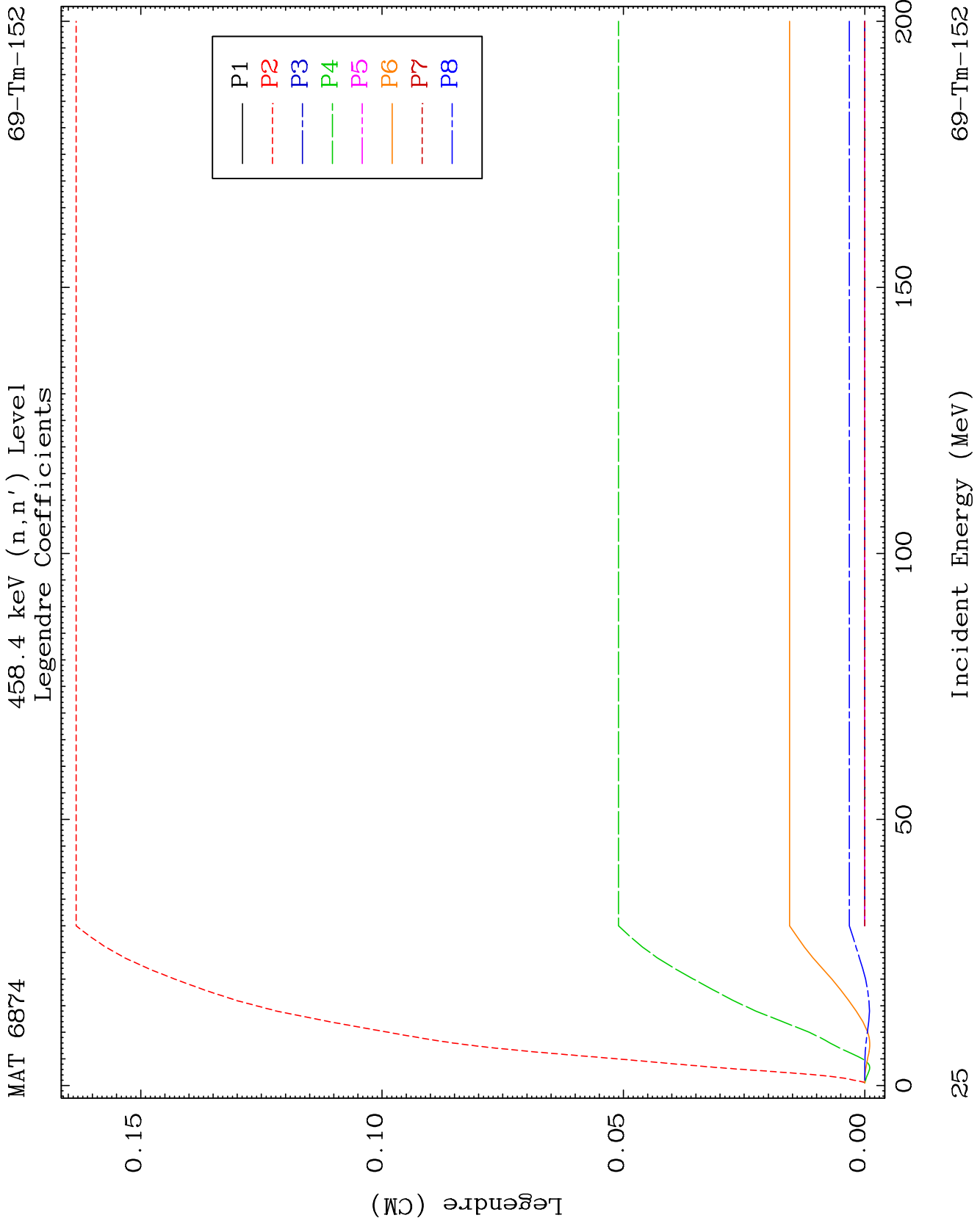
23

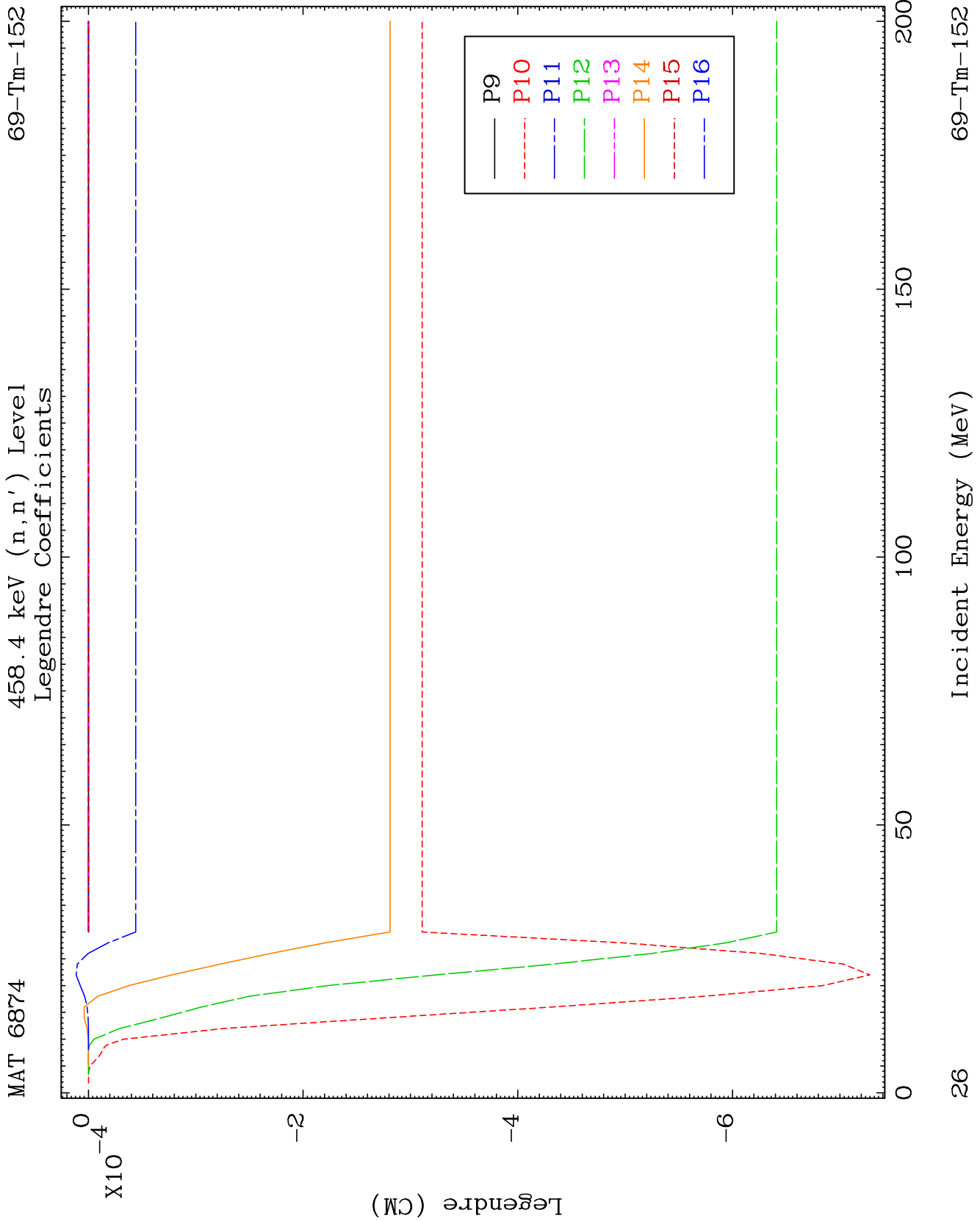
Incident Energy (MeV)

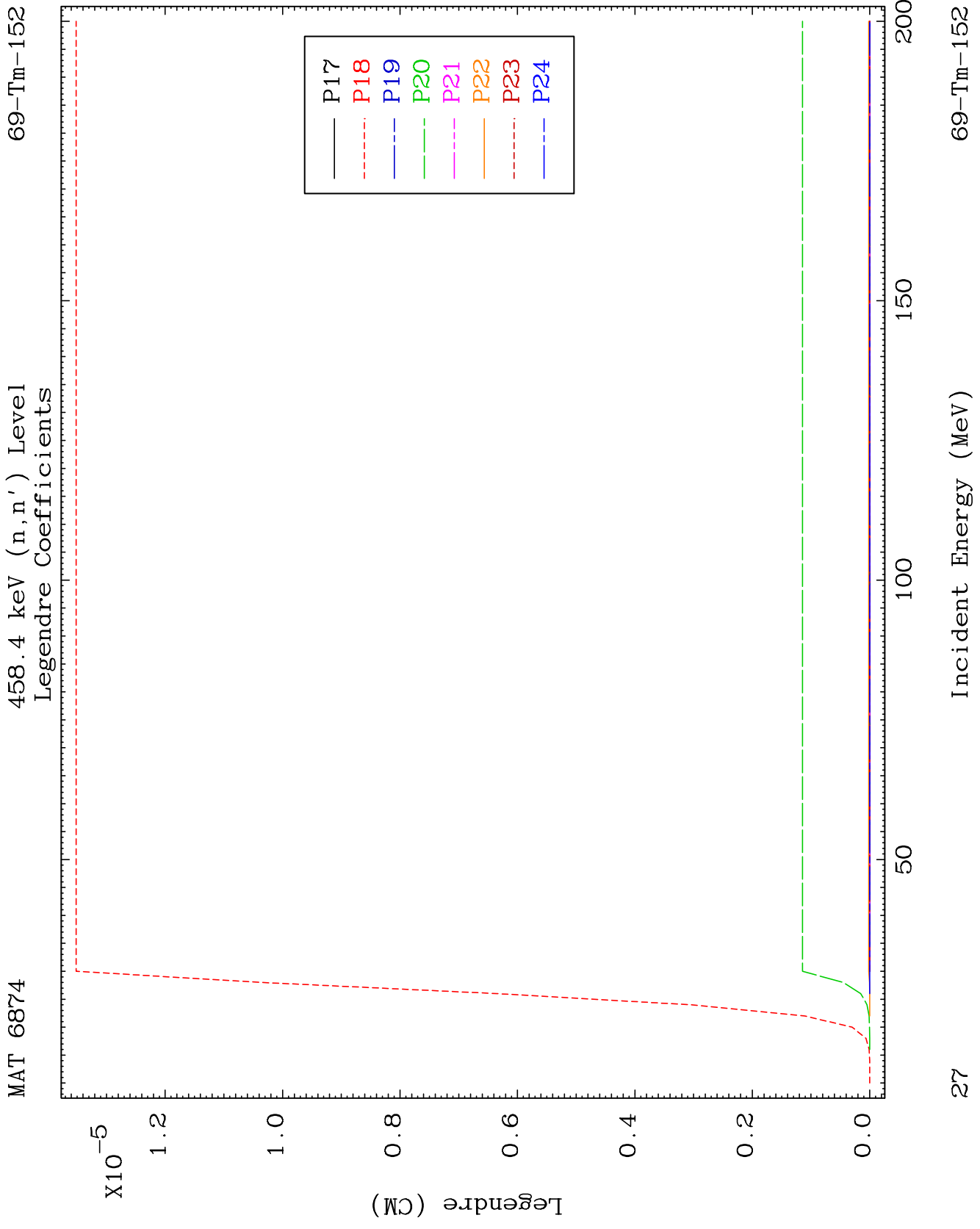
69-Tm-152

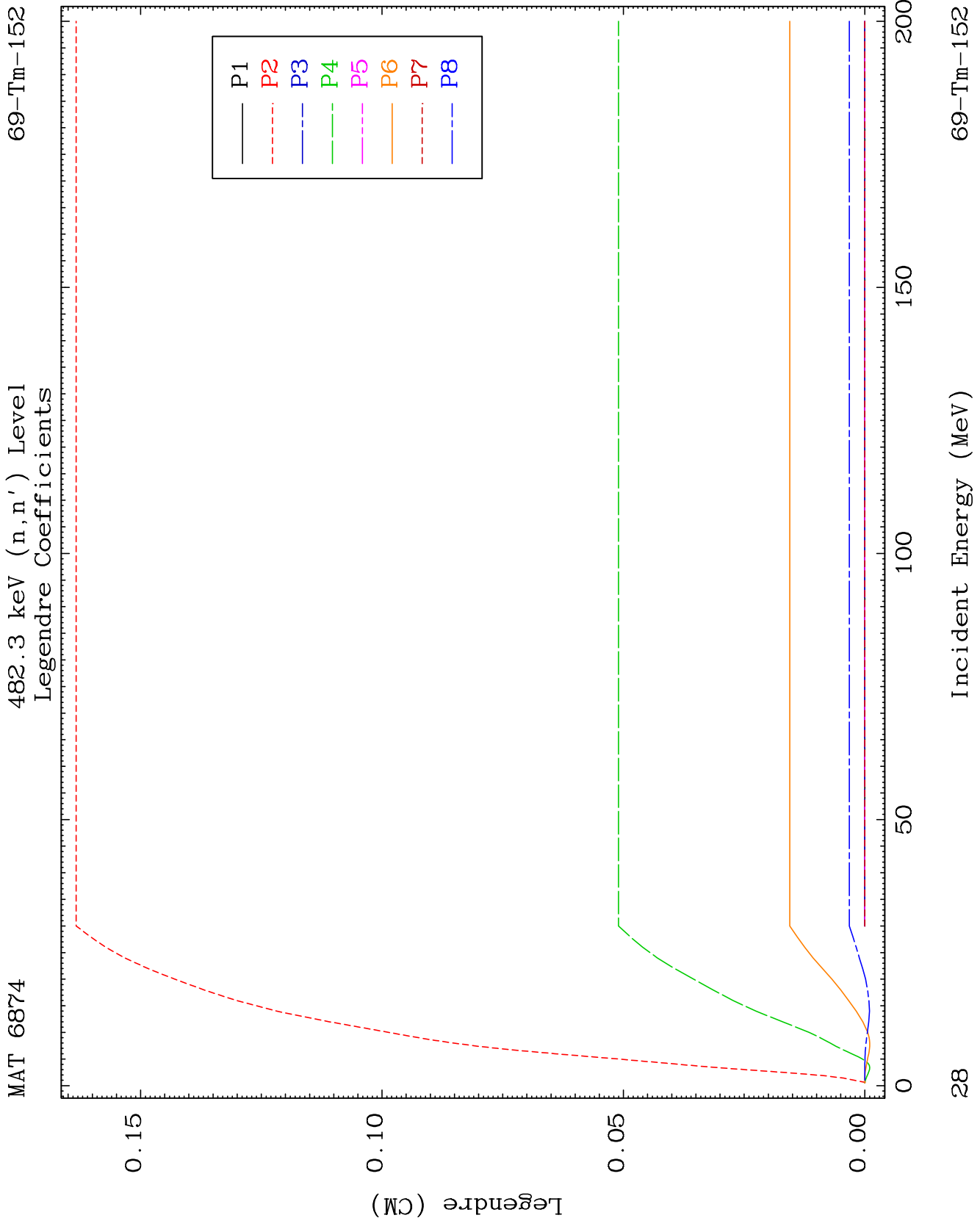






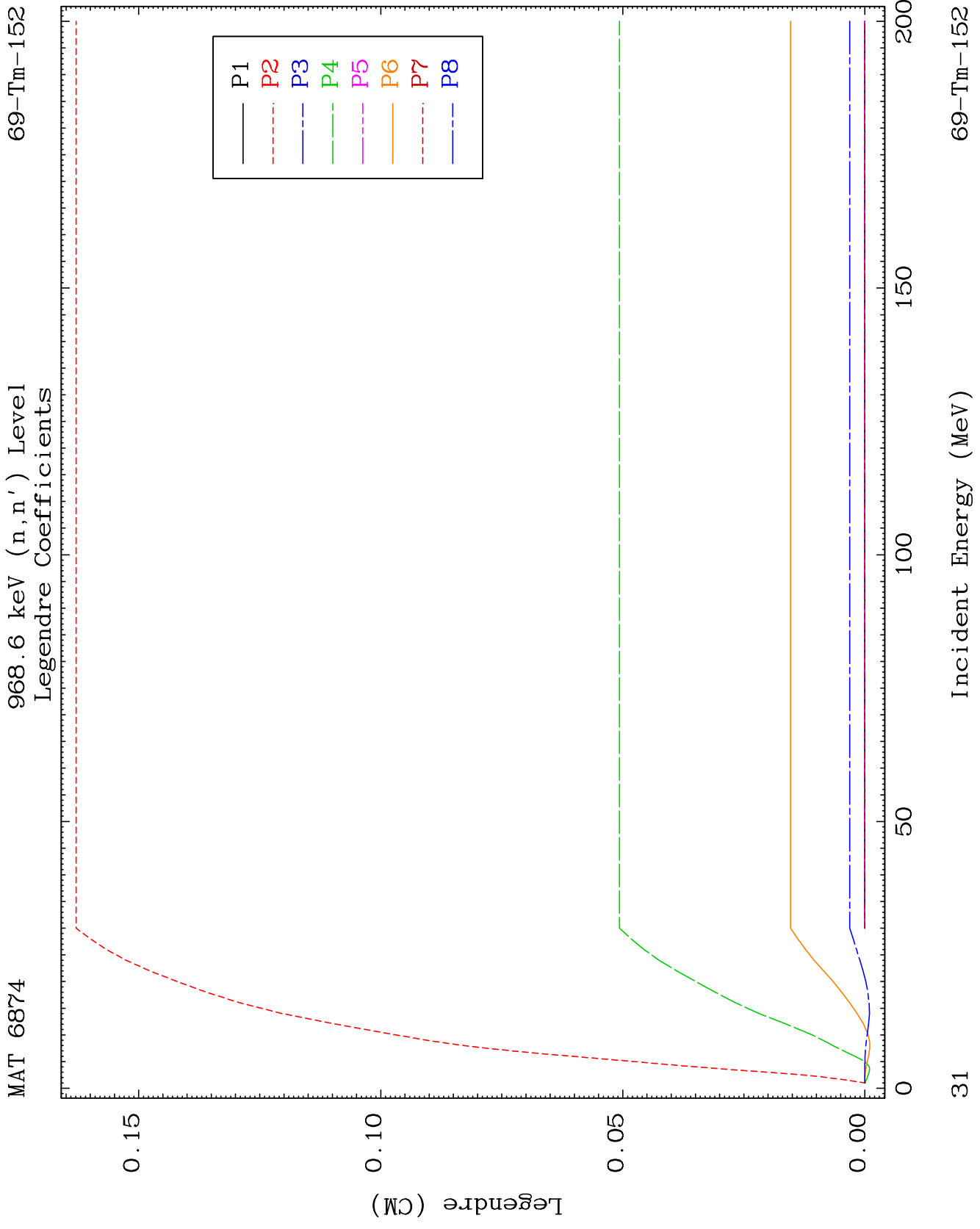




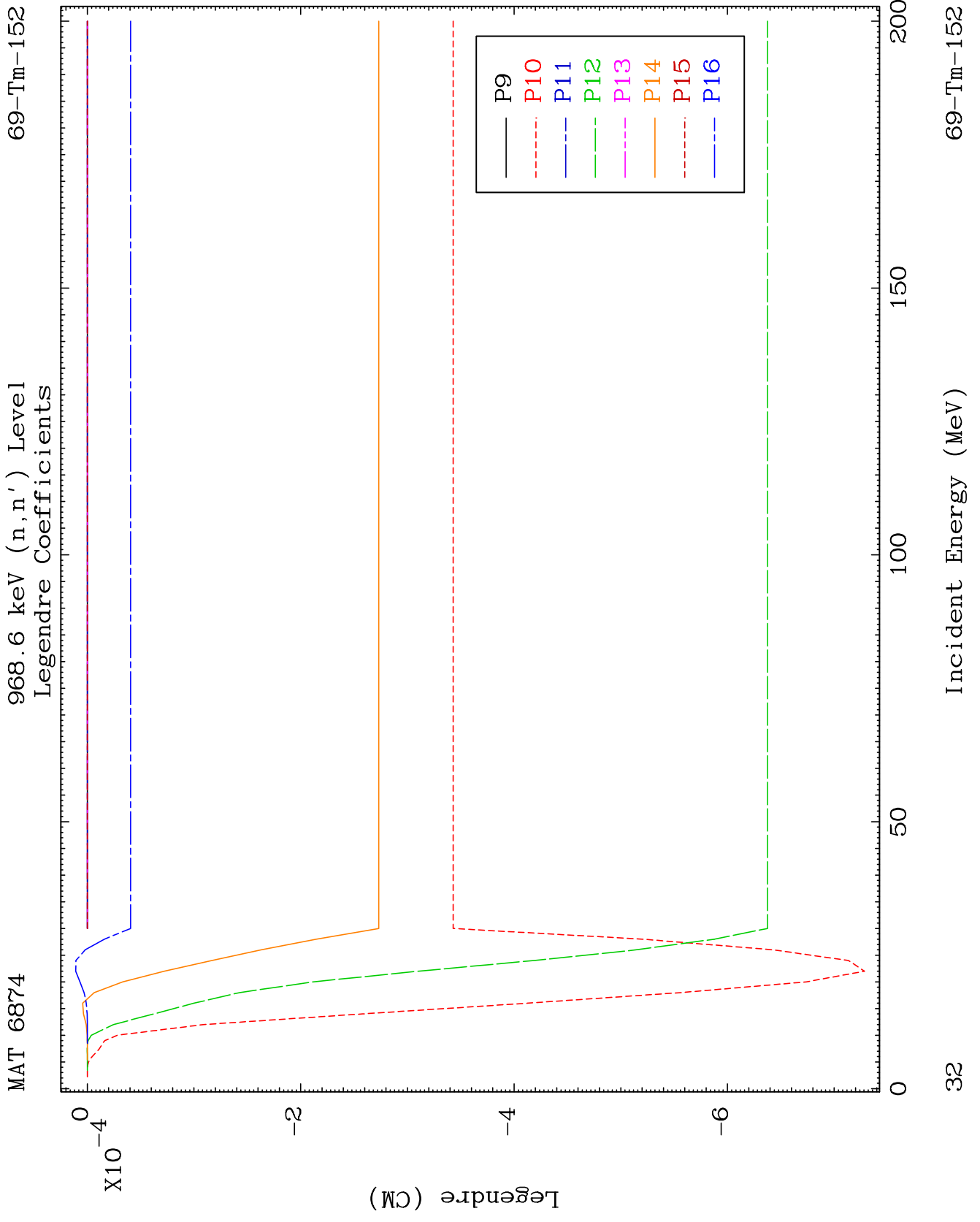


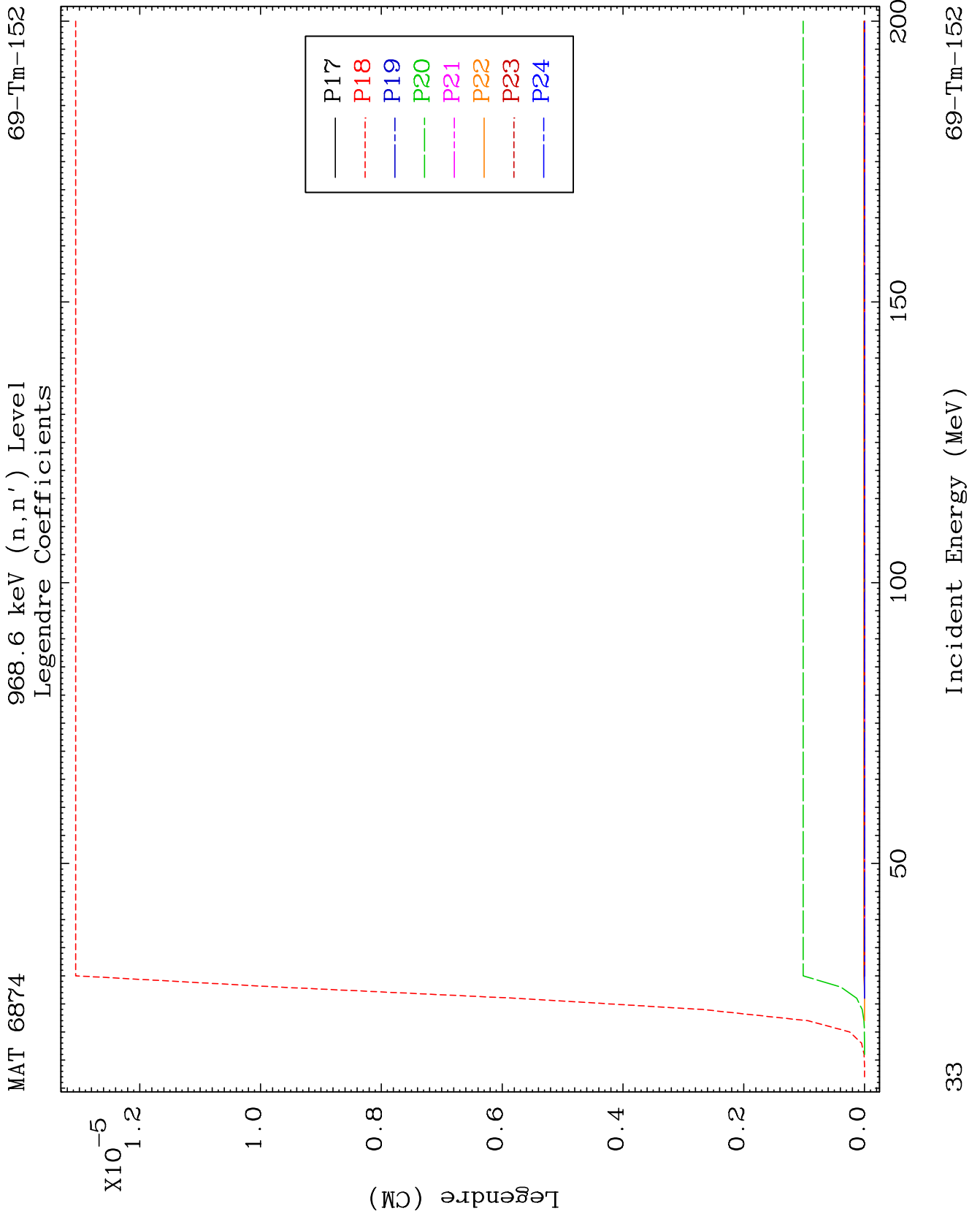








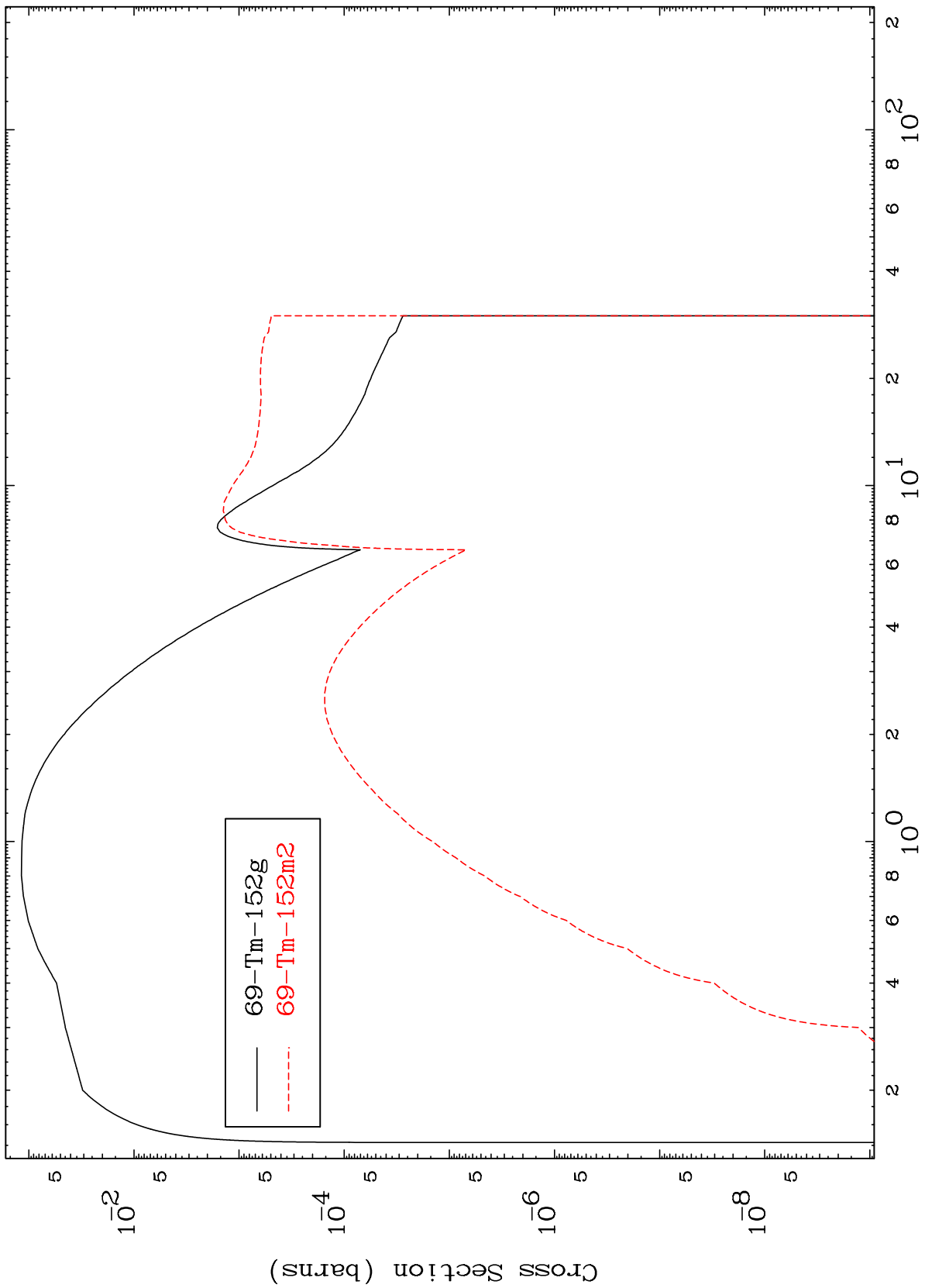




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69-Tm-152

### Inelastic Radionuclide Production Cross Section



34

69-Tm-152

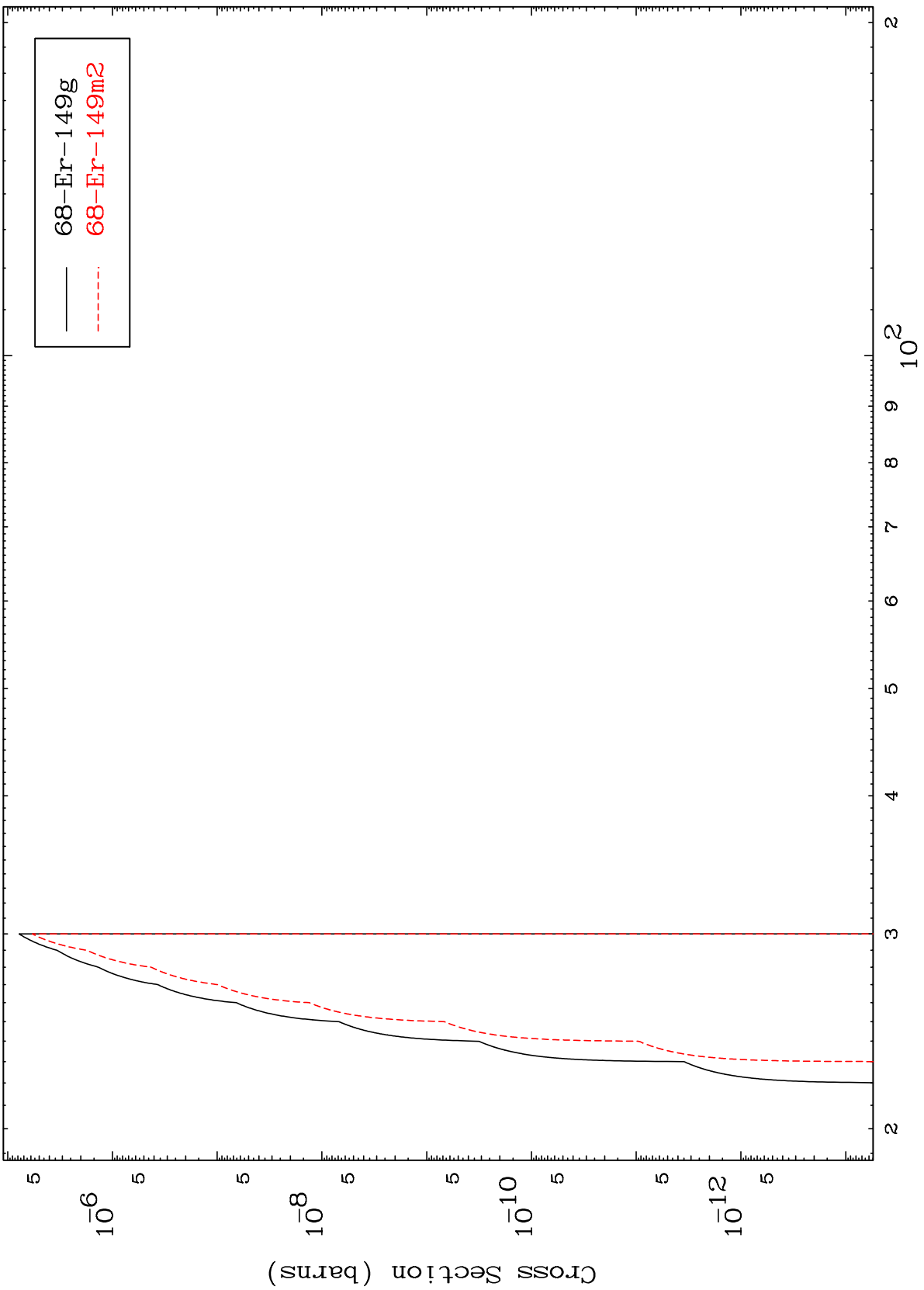
Incident Energy (MeV)

MAT 6874

(n,2n) d

69-Tm-152

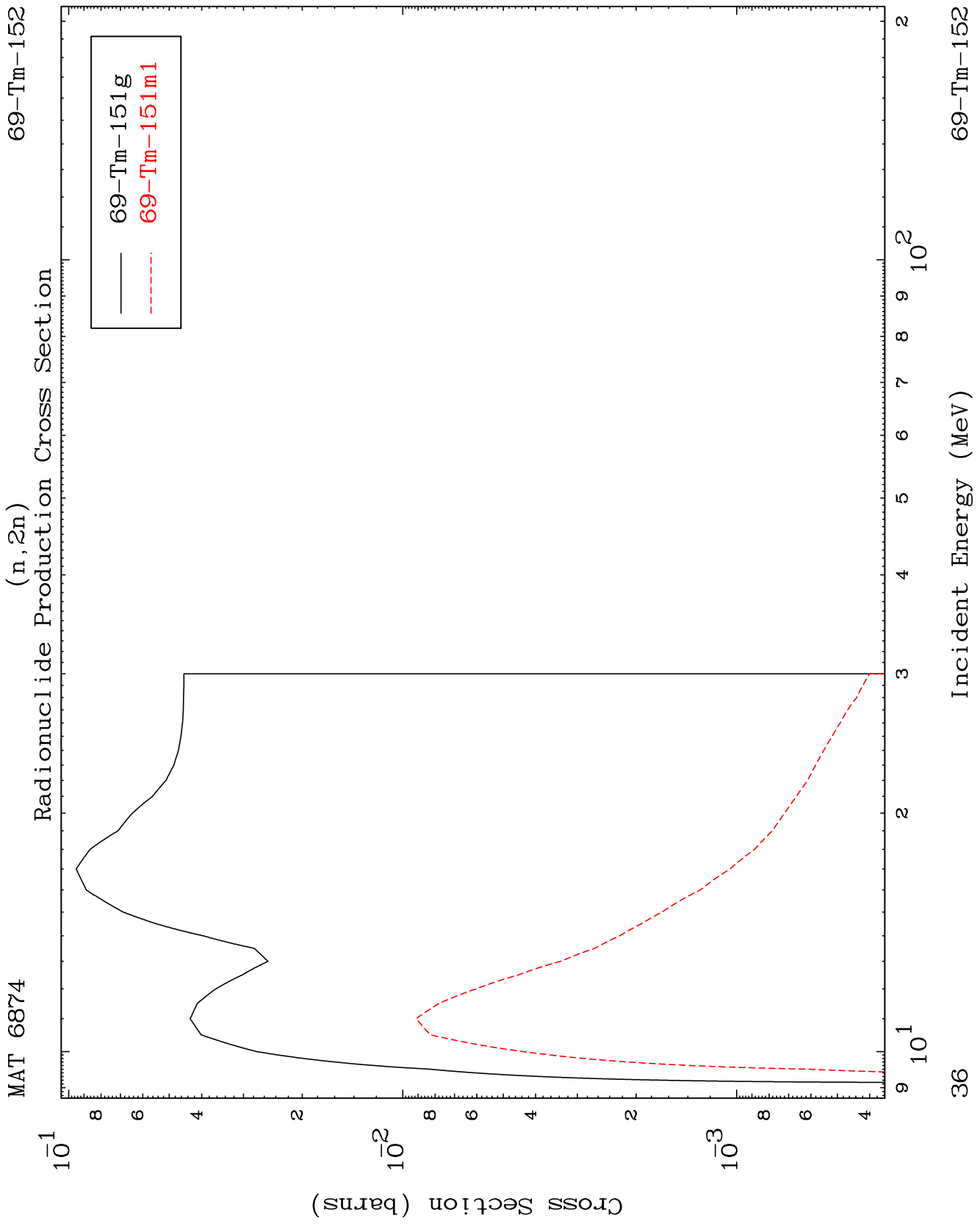
Radionuclide Production Cross Section



35

Incident Energy (MeV)

69-Tm-152

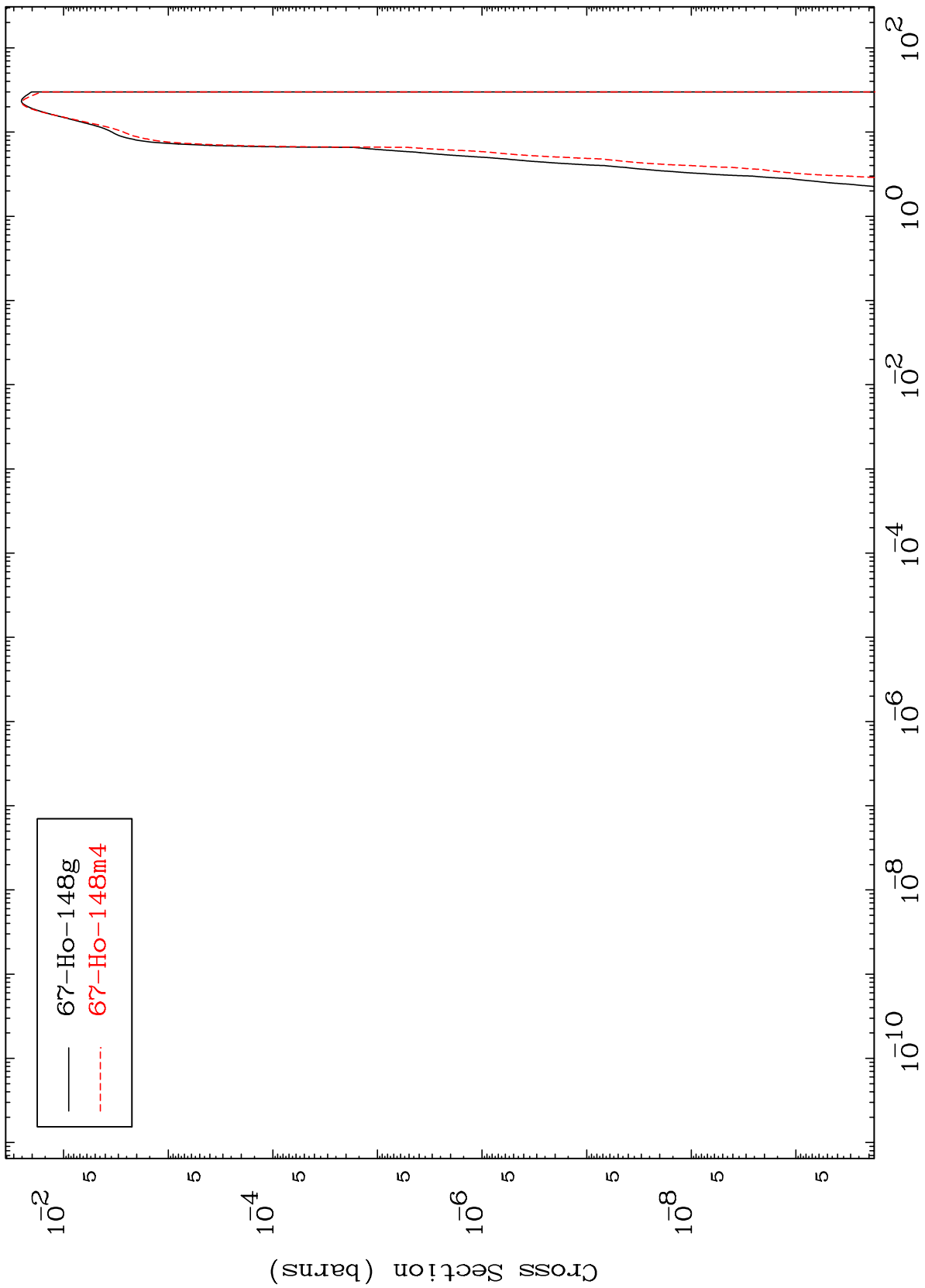


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$(n, n') \alpha$

69-Tm-152

Radionuclide Production Cross Section

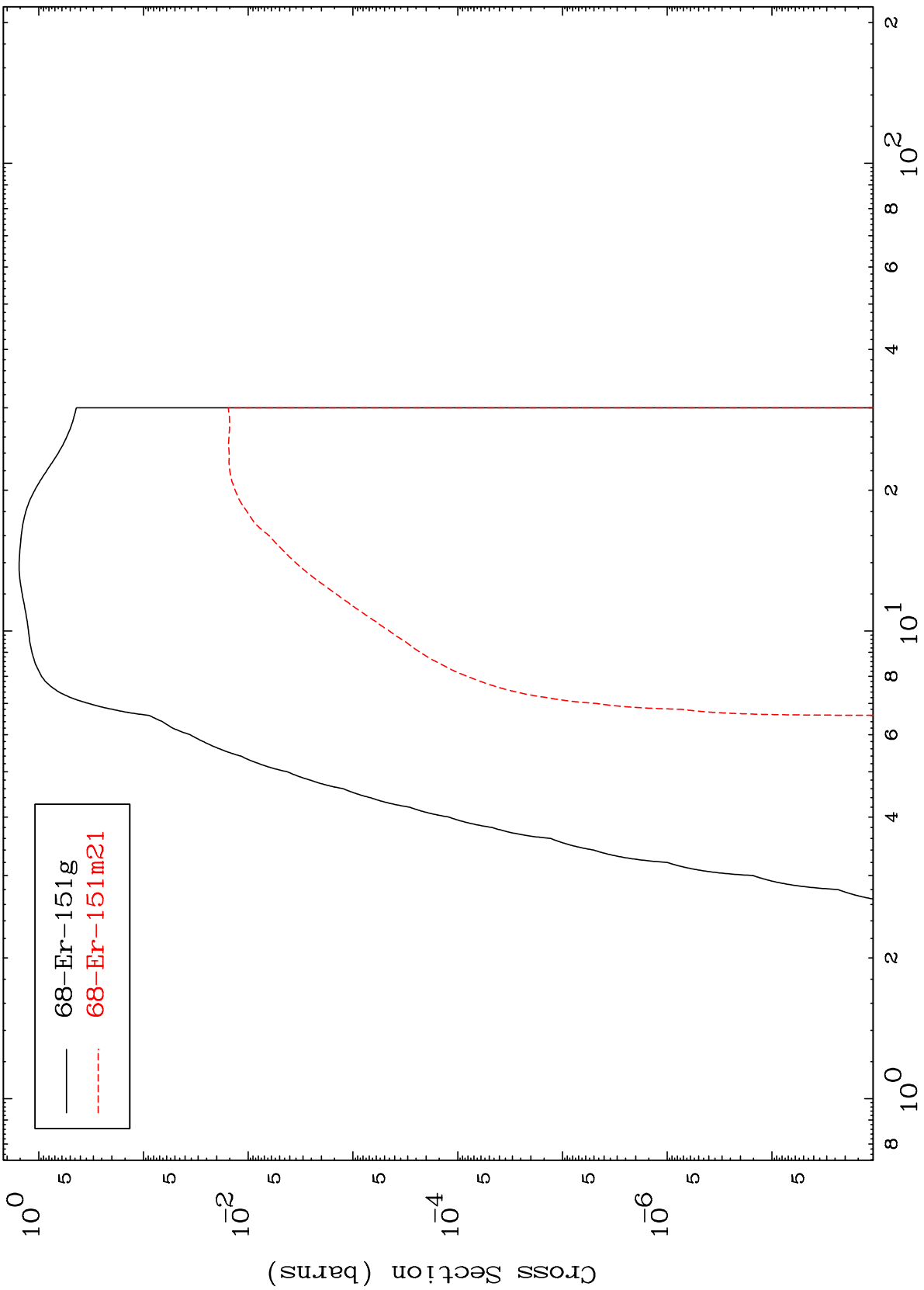


MAT 6874

(n,n') p

69-Tm-152

Radionuclide Production Cross Section



38

Incident Energy (MeV)

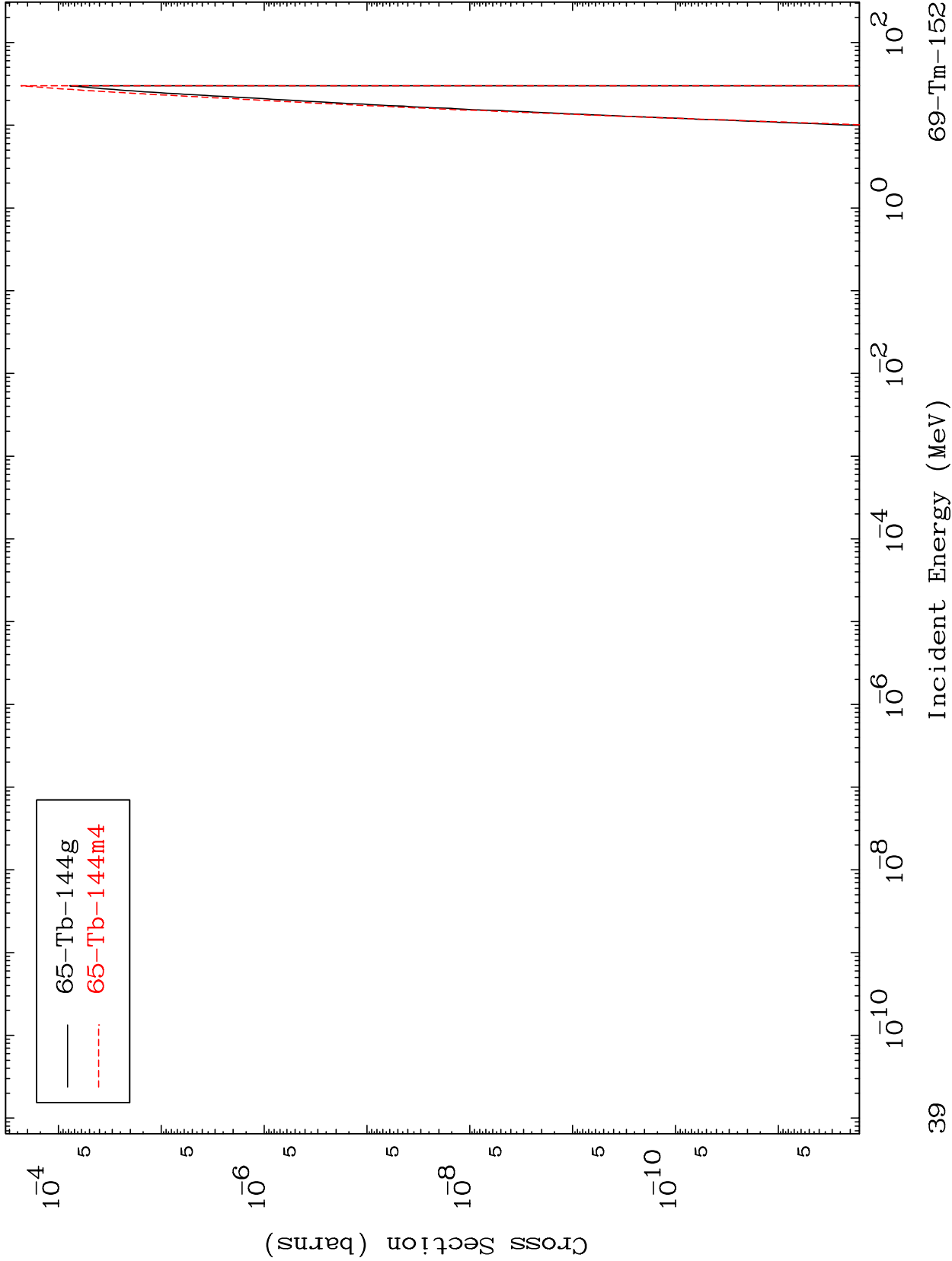
69-Tm-152

MAT 6874

(n,n') 2α

69-Tm-152

Radionuclide Production Cross Section



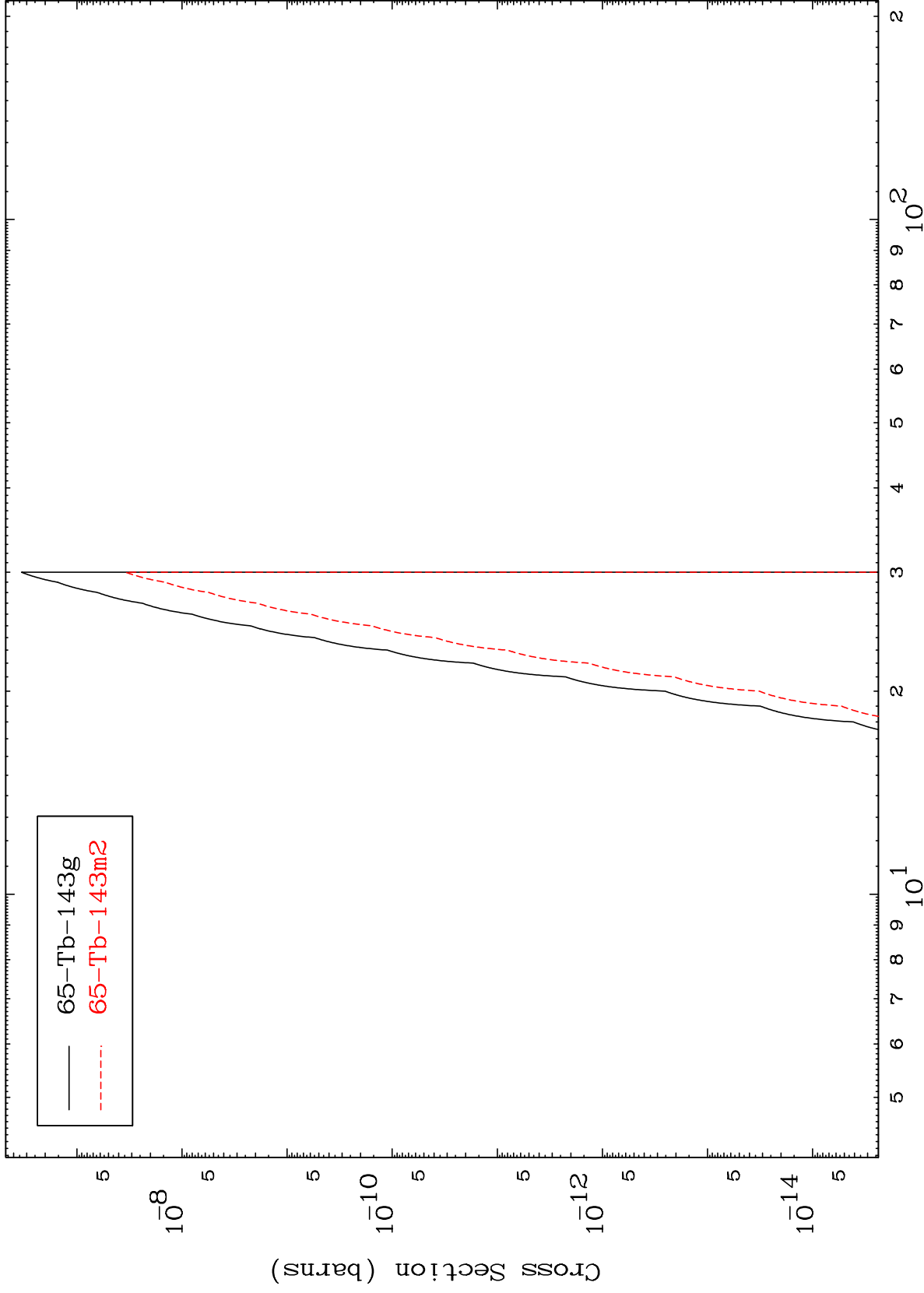


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$(n,2n) 2\alpha$

69-Tm-152

Radionuclide Production Cross Section



40

Incident Energy (MeV)

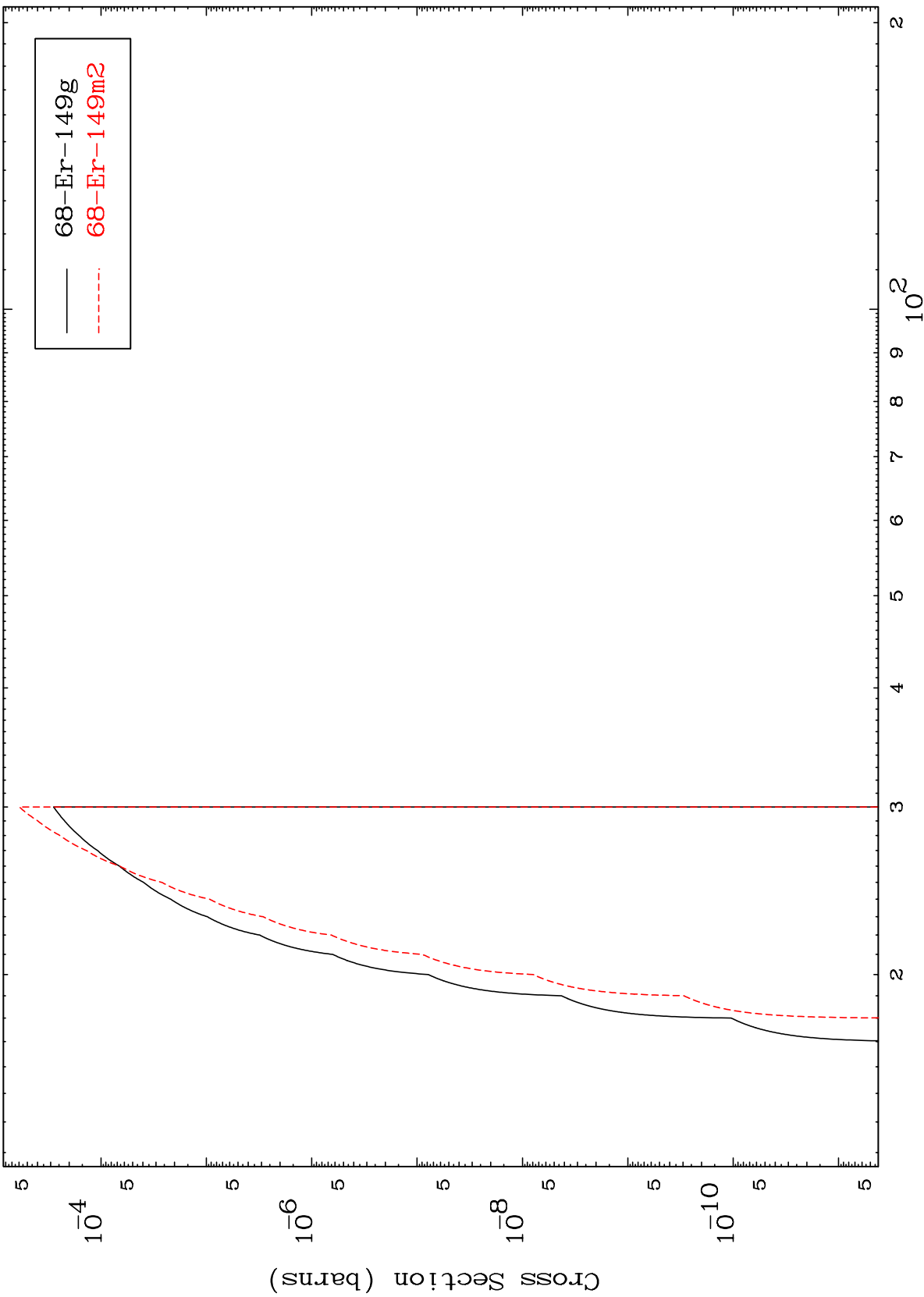
69-Tm-152

MAT 6874

(n,n') t

69-Tm-152

Radionuclide Production Cross Section

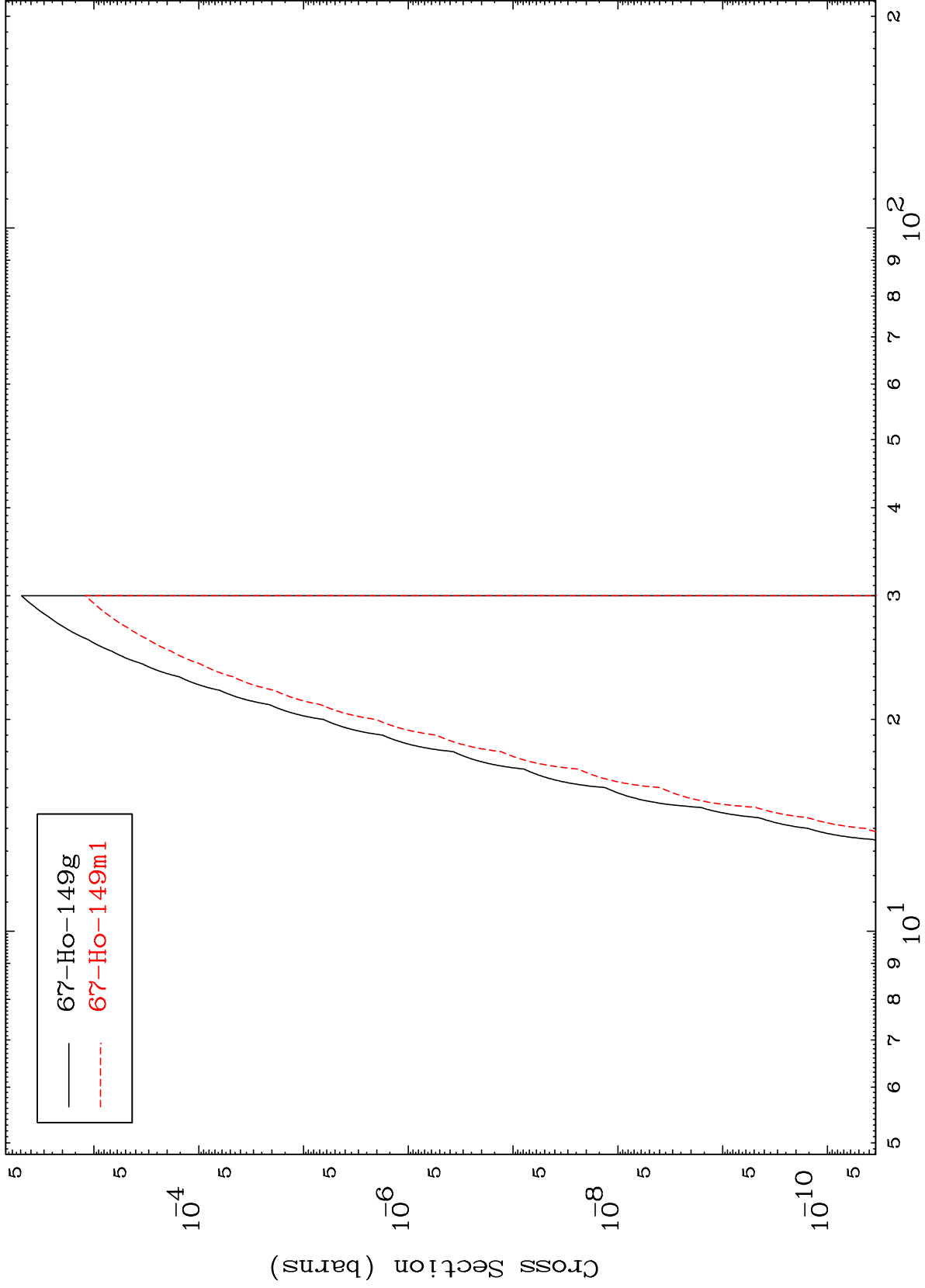


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(n,n') He-3

69-Tm-152

Radionuclide Production Cross Section



42

Incident Energy (MeV)

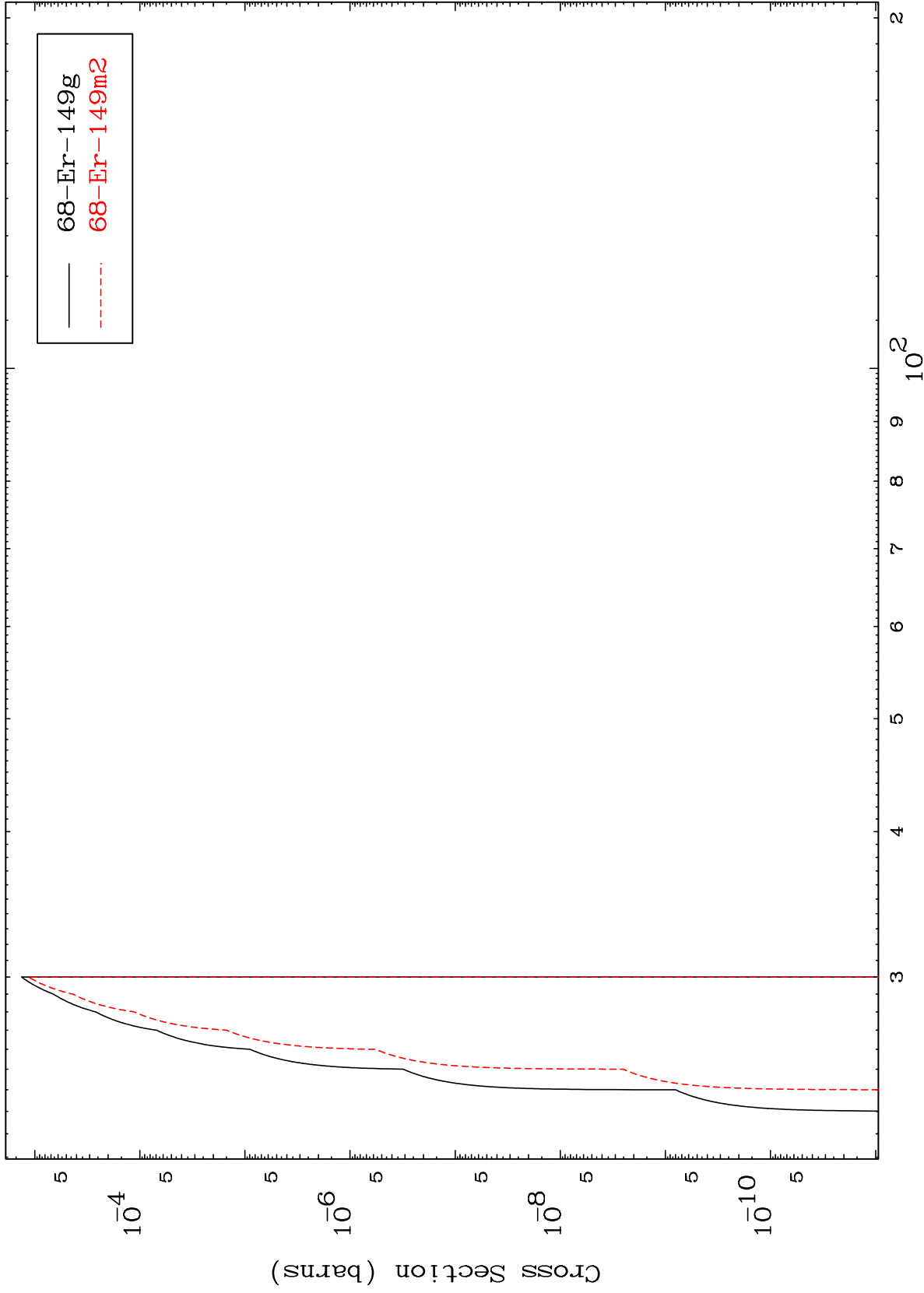
69-Tm-152

MAT 6874

(n,3n) p

69-Tm-152

Radionuclide Production Cross Section



43

Incident Energy (MeV)

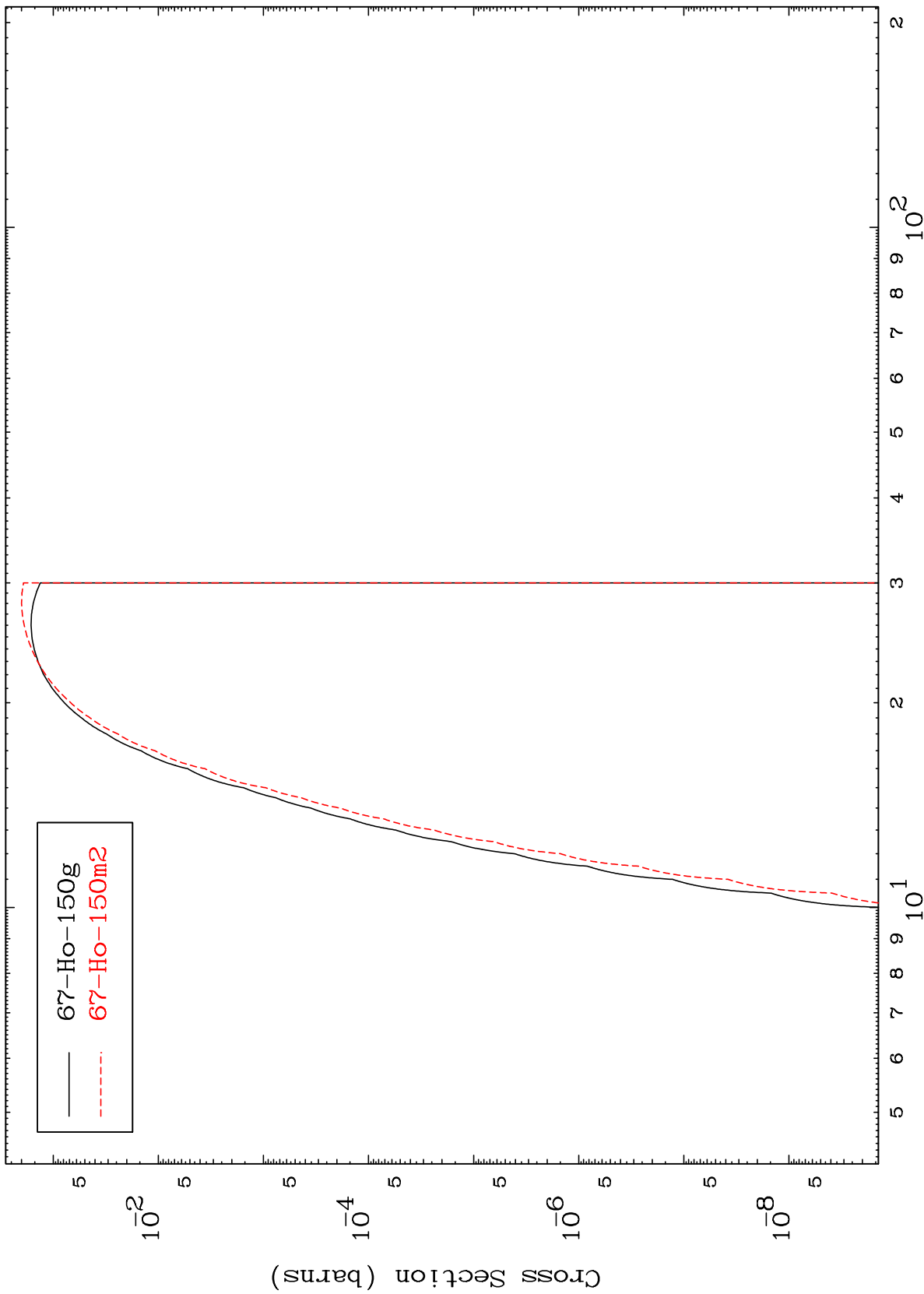
69-Tm-152

MAT 6874

(n,2n) p

69-Tm-152

Radionuclide Production Cross Section



44

Incident Energy (MeV)

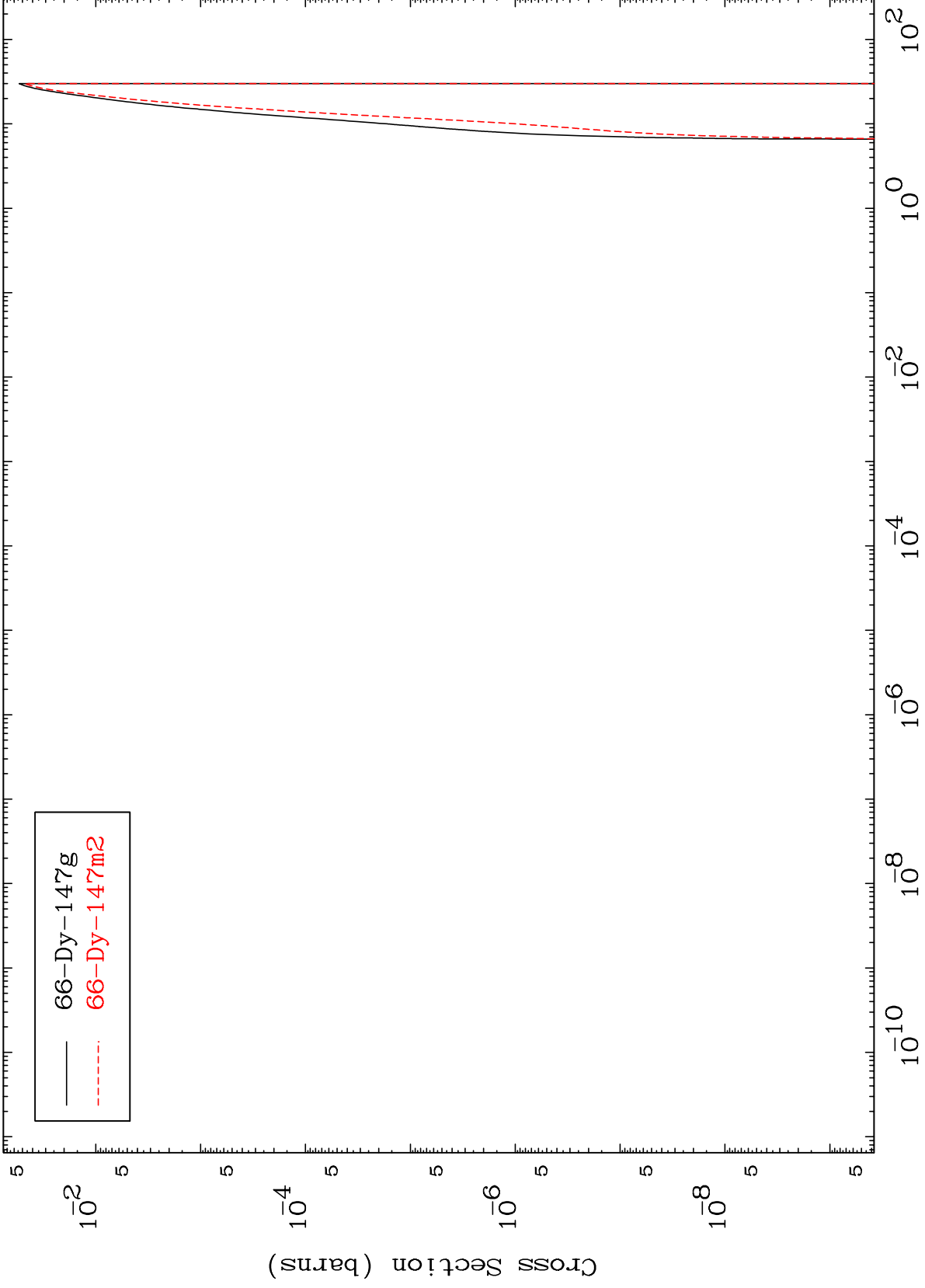
69-Tm-152

MAT 6874

(n,n') p  $\alpha$

69-Tm-152

Radionuclide Production Cross Section



45

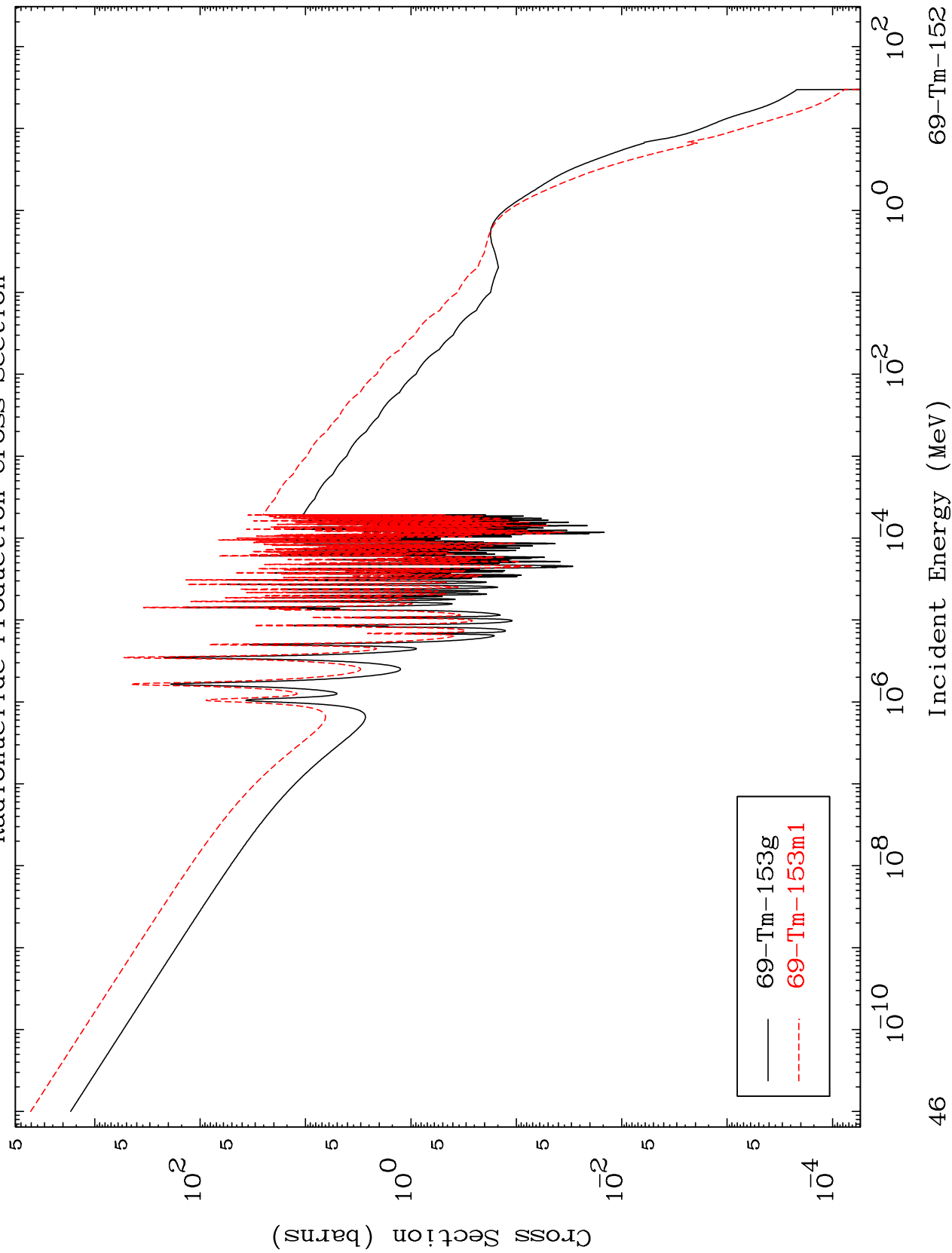
Incident Energy (MeV)

69-Tm-152

MAT 6874

69-Tm-152

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

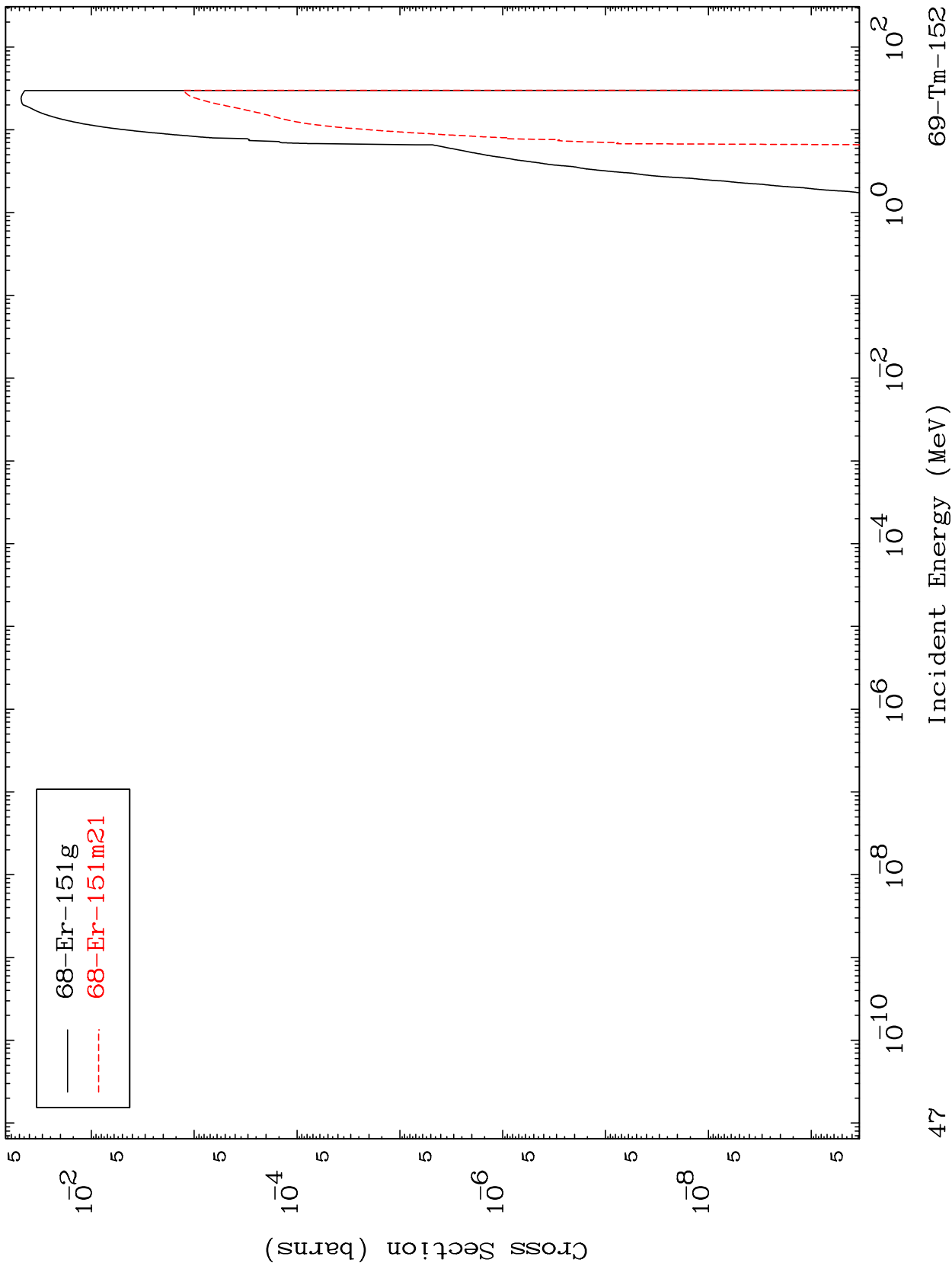


MAT 6874

(n,d)

69-Tm-152

Radionuclide Production Cross Section



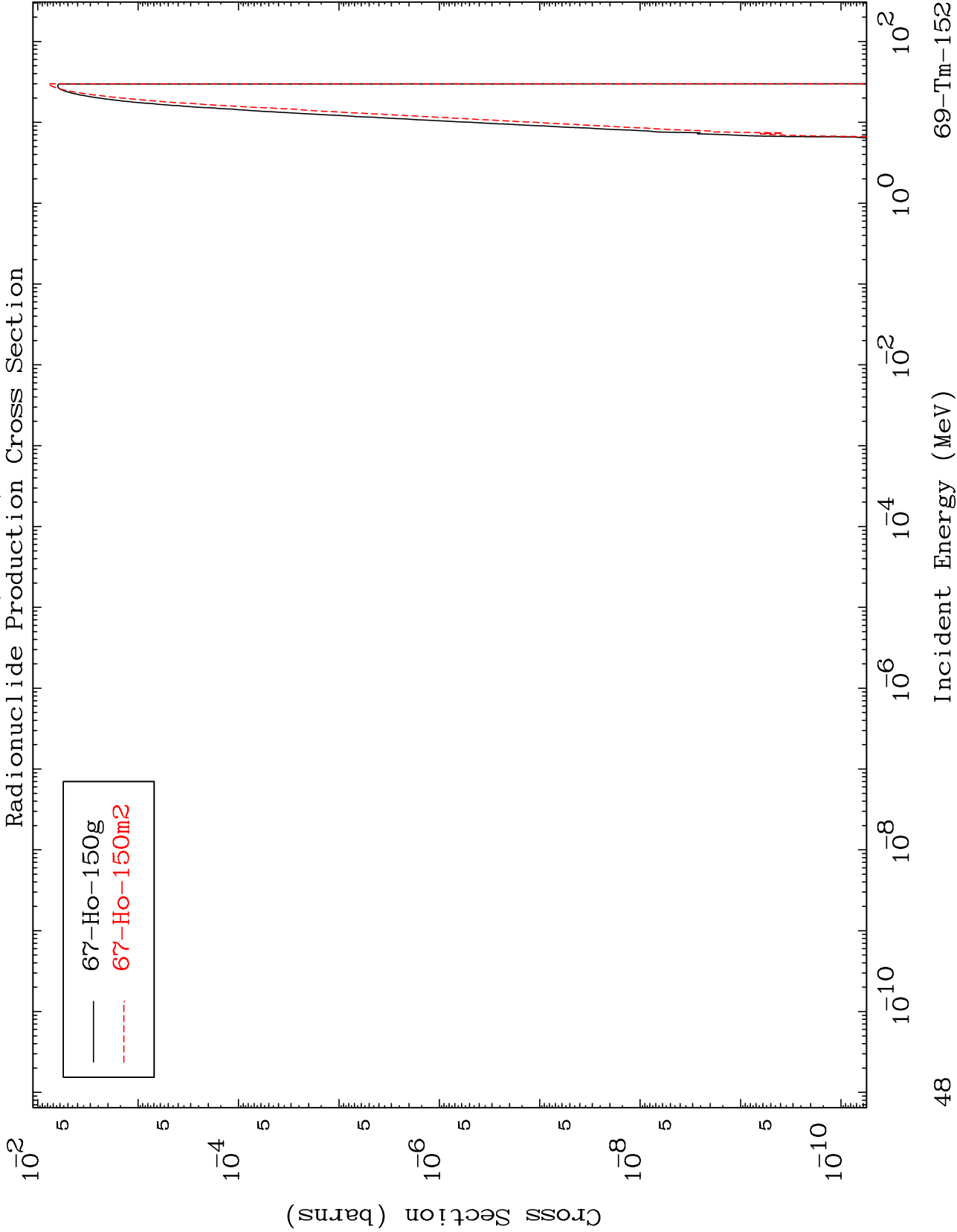
68-Er-151g  
68-Er-151m21



MAT 6874

(n,He-3)

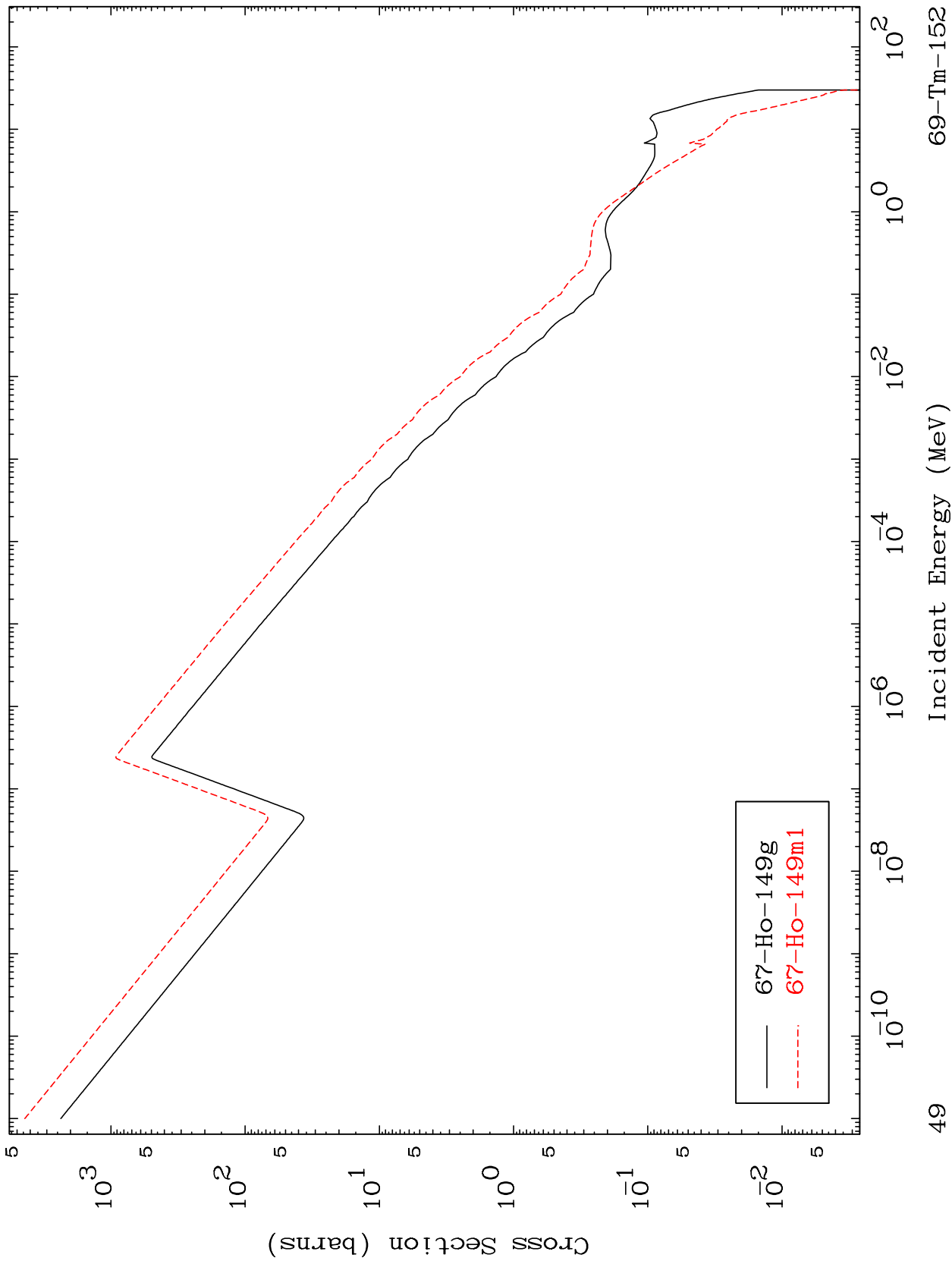
69-Tm-152



MAT 6874

69-Tm-152

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



49

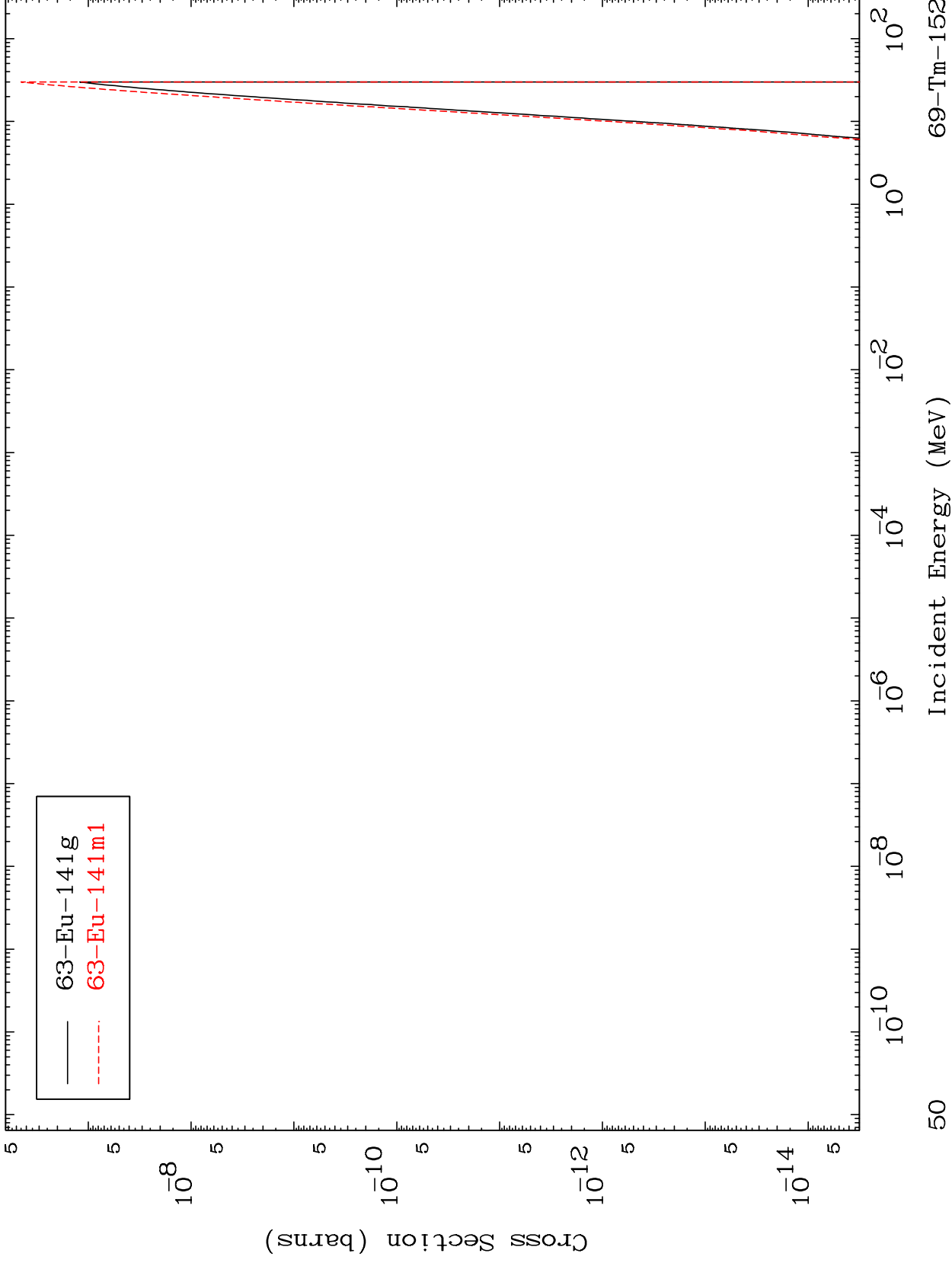
69-Tm-152

MAT 6874

(n,3 $\alpha$ )

69-Tm-152

Radionuclide Production Cross Section

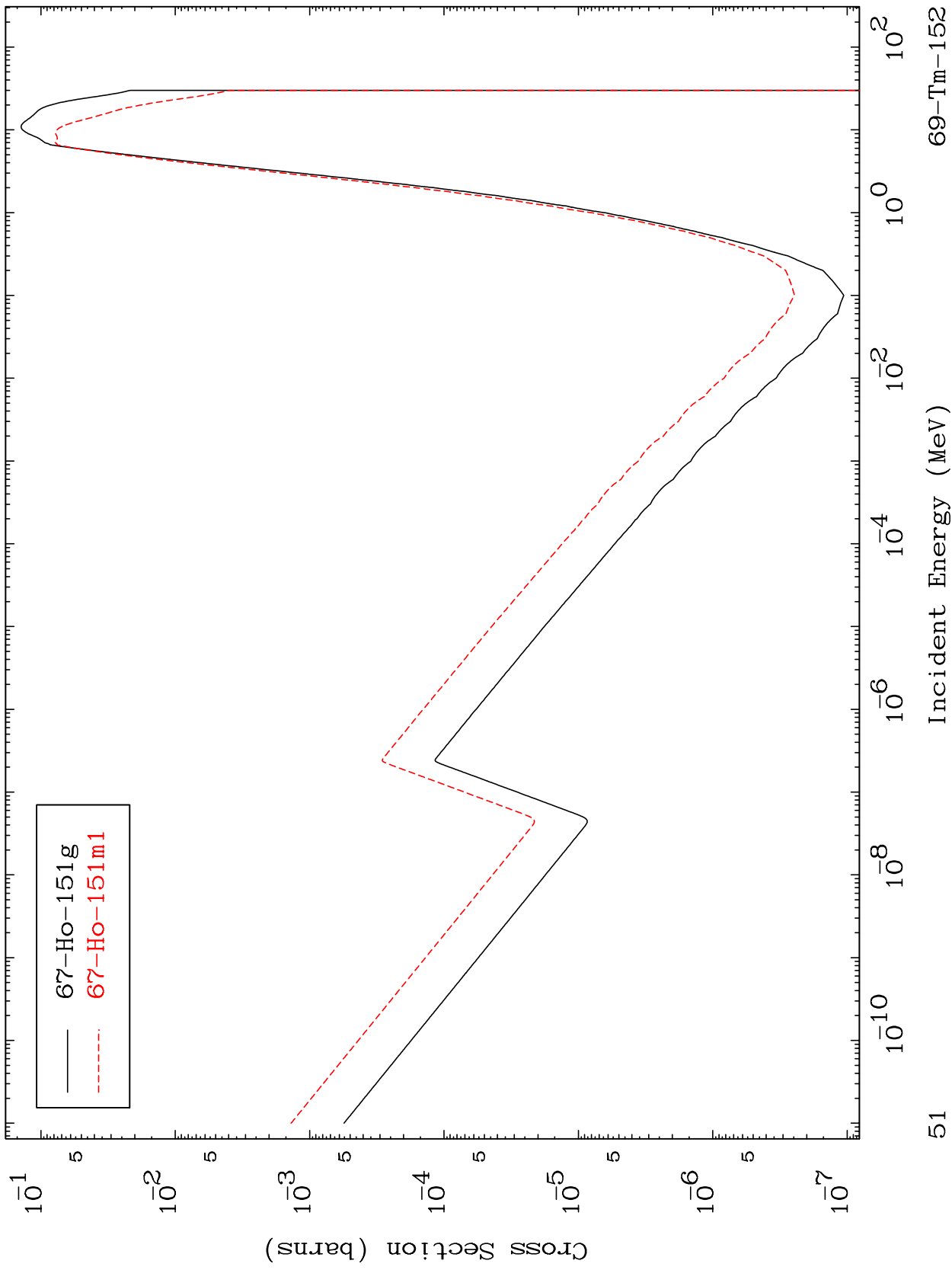


50

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69-Tm-152

(n,2p)  
Radionuclide Production Cross Section

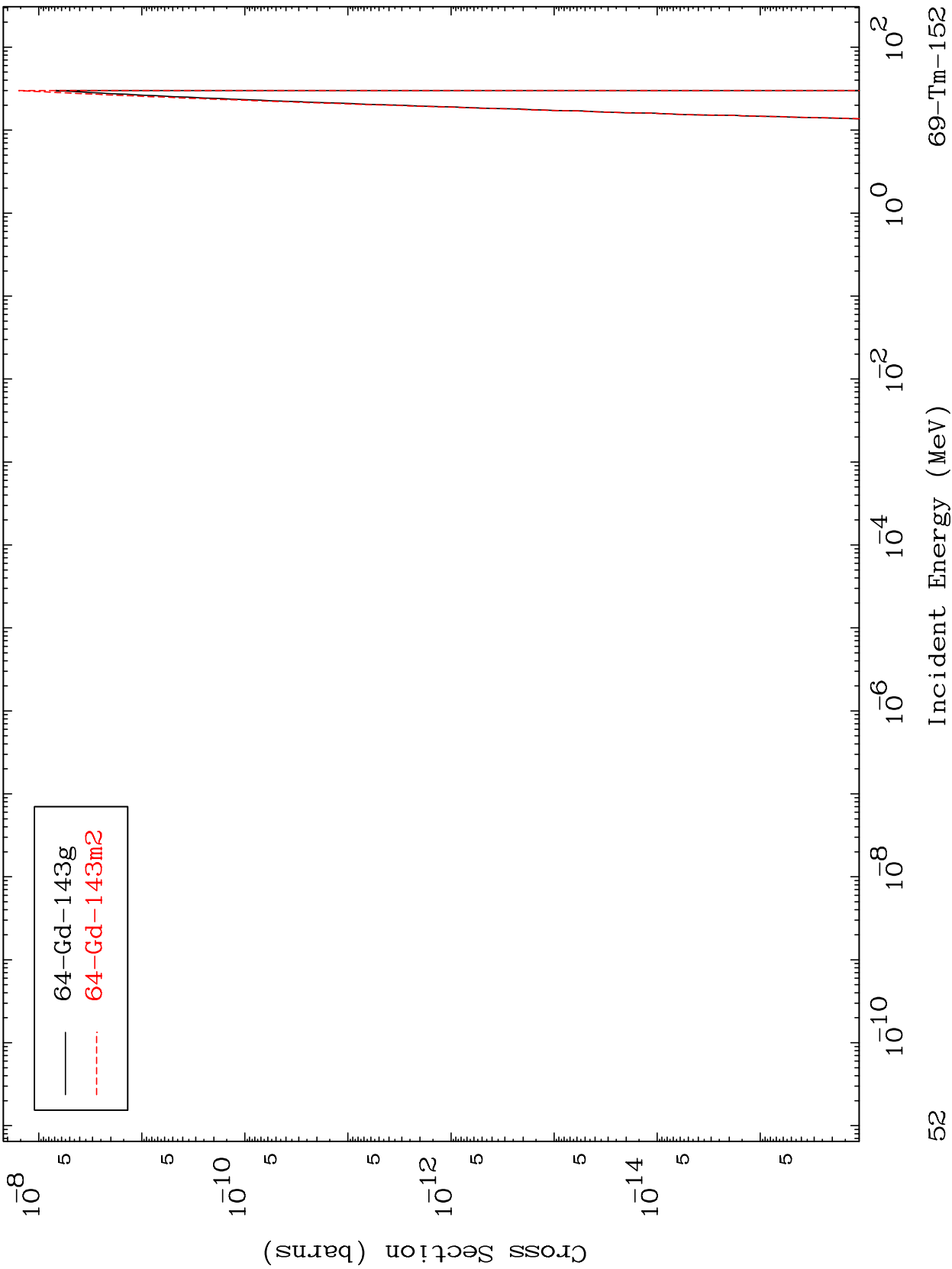


MAT 6874

(n,d) 2 $\alpha$

69-Tm-152

Radionuclide Production Cross Section

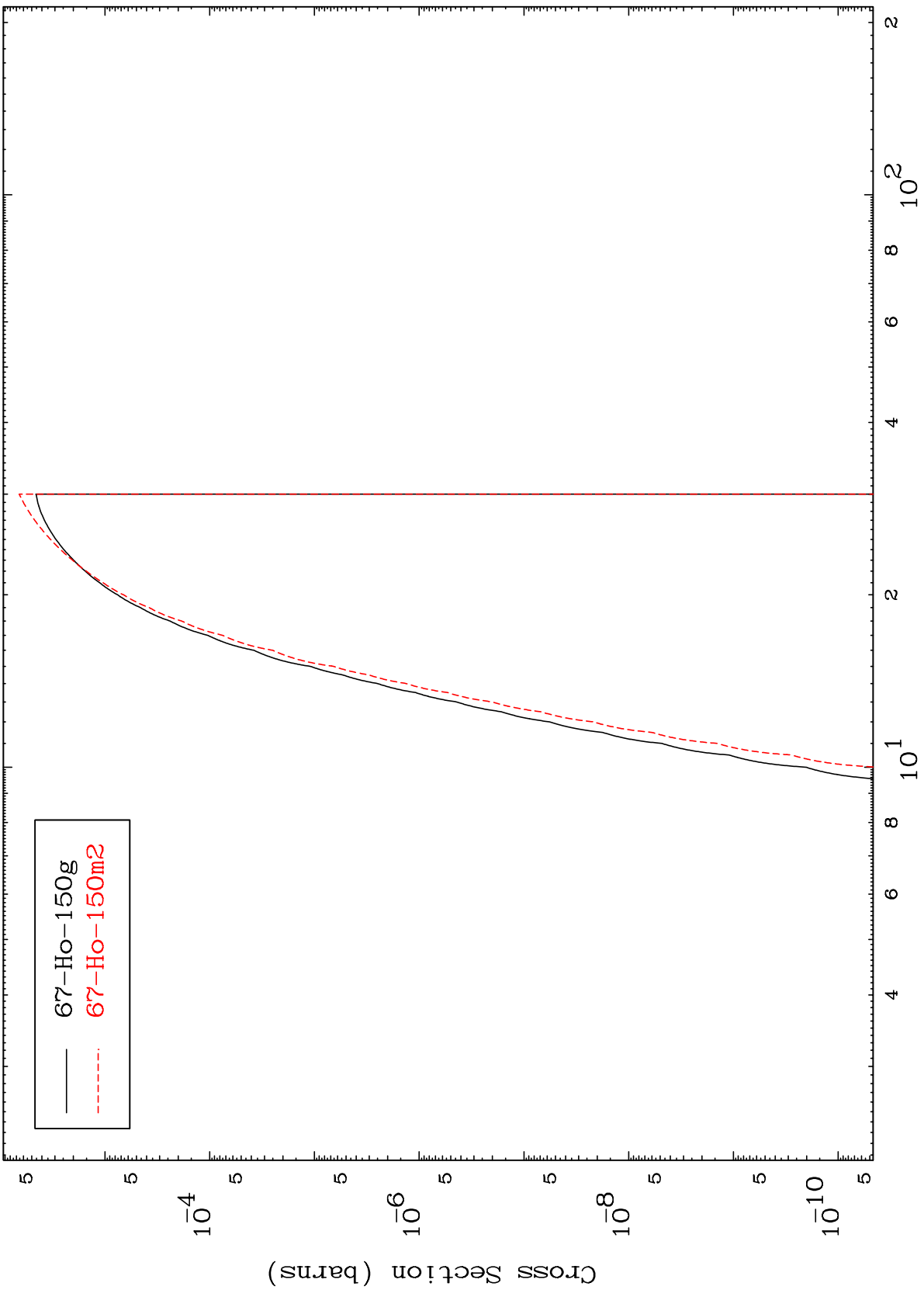


MAT 6874

(n,p) d

<sup>69</sup>Tm-152

Radionuclide Production Cross Section

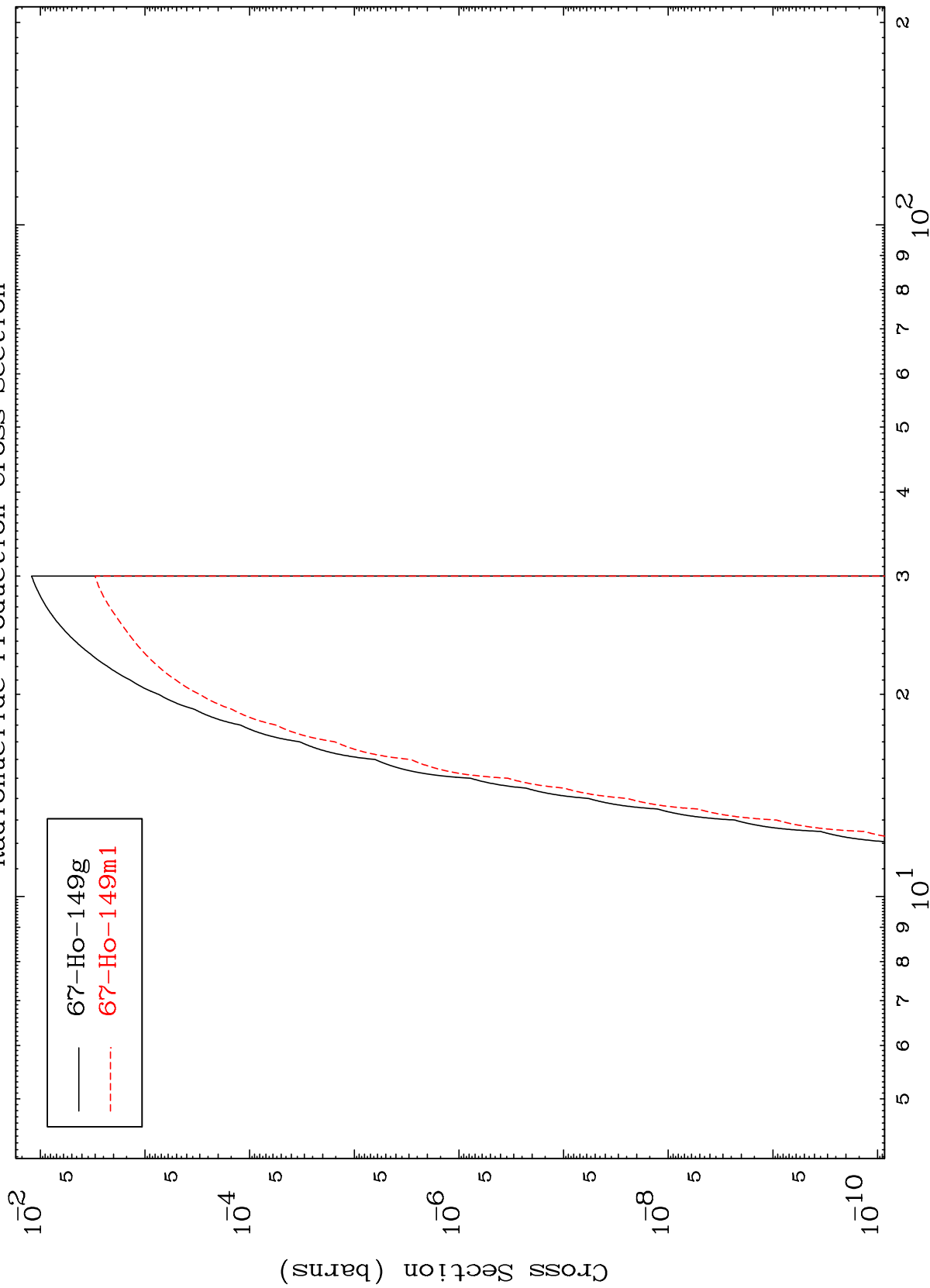


MAT 6874

(n,p) t

69-Tm-152

Radionuclide Production Cross Section



54

Incident Energy (MeV)

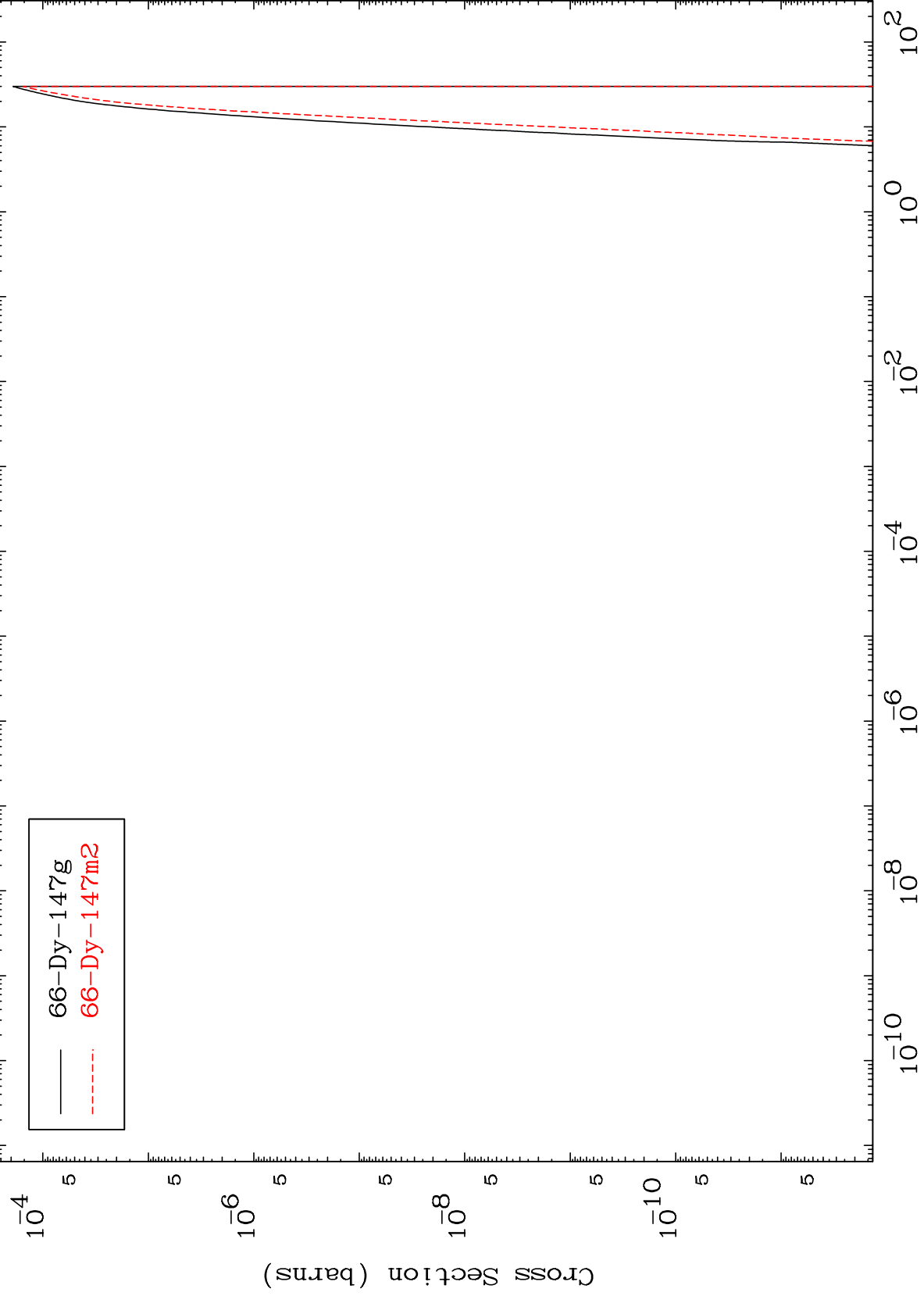
69-Tm-152

MAT 6874

(n,d)  $\alpha$

69-Tm-152

Radionuclide Production Cross Section



55

Incident Energy (MeV)

69-Tm-152