

Program EVALPLOT  
(Version 2017-1)

by

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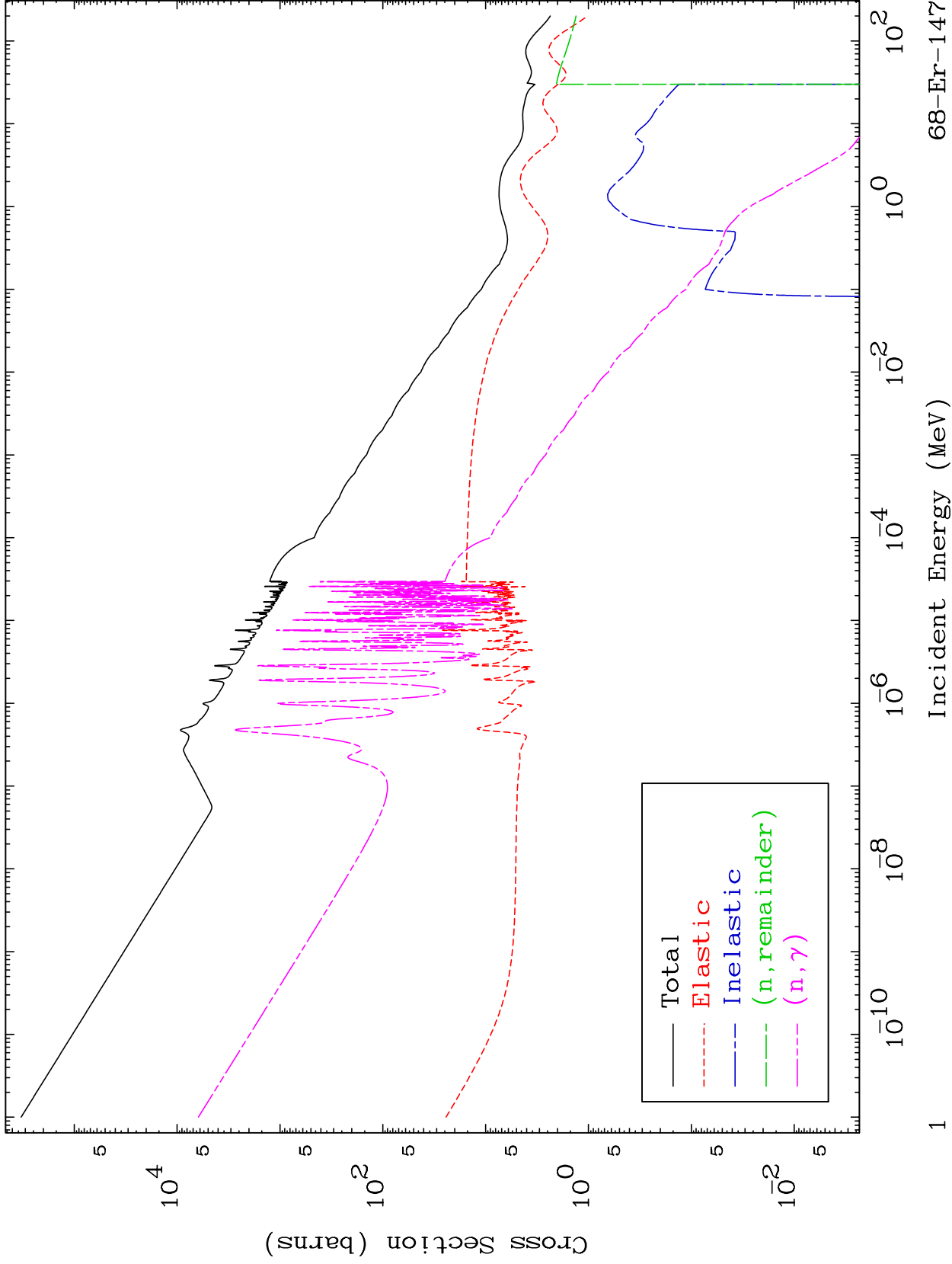
Press Mouse Button to Start

MAT 6780

Major

293 Kelvin Cross Sections

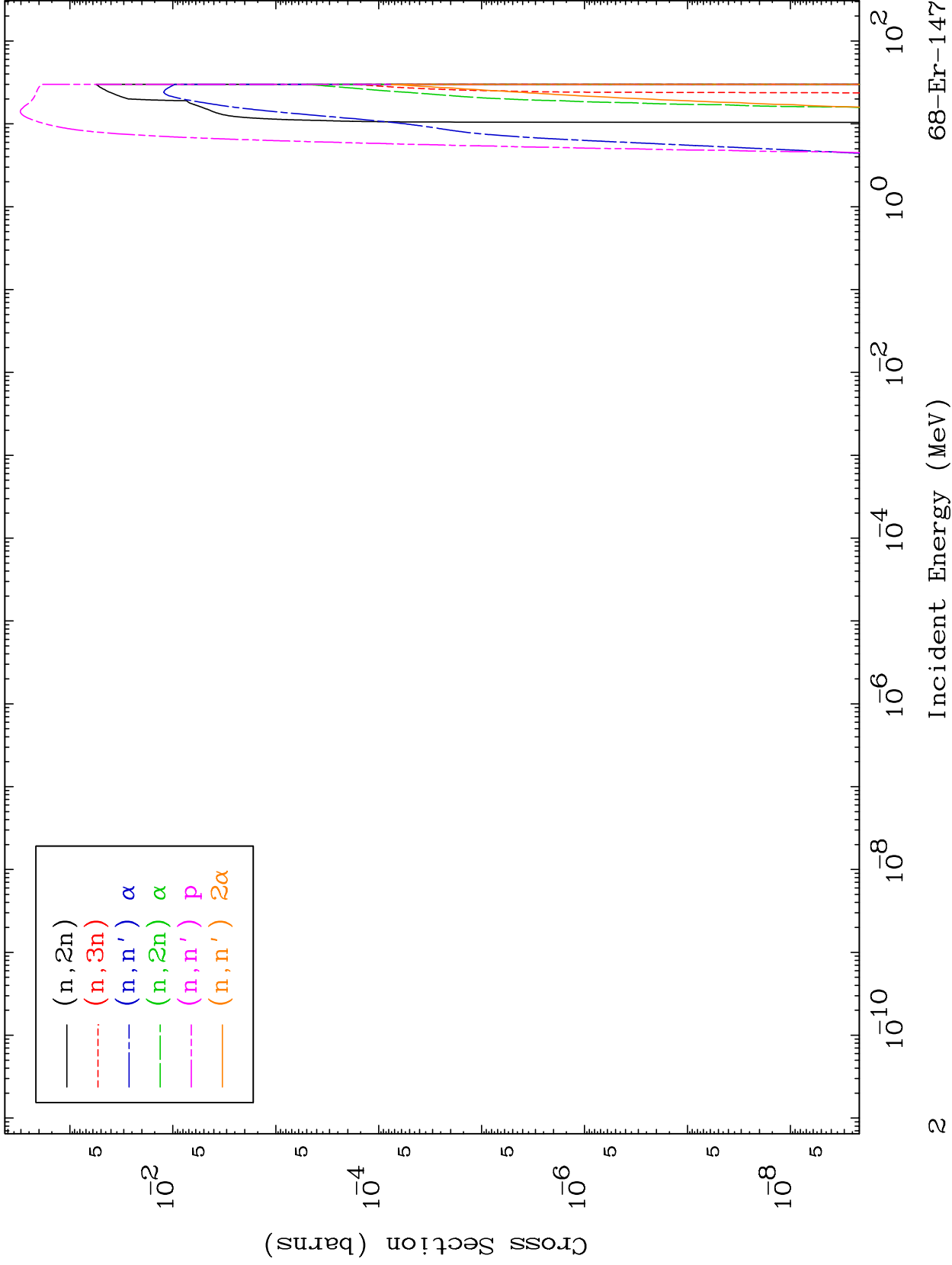
68-Er-147

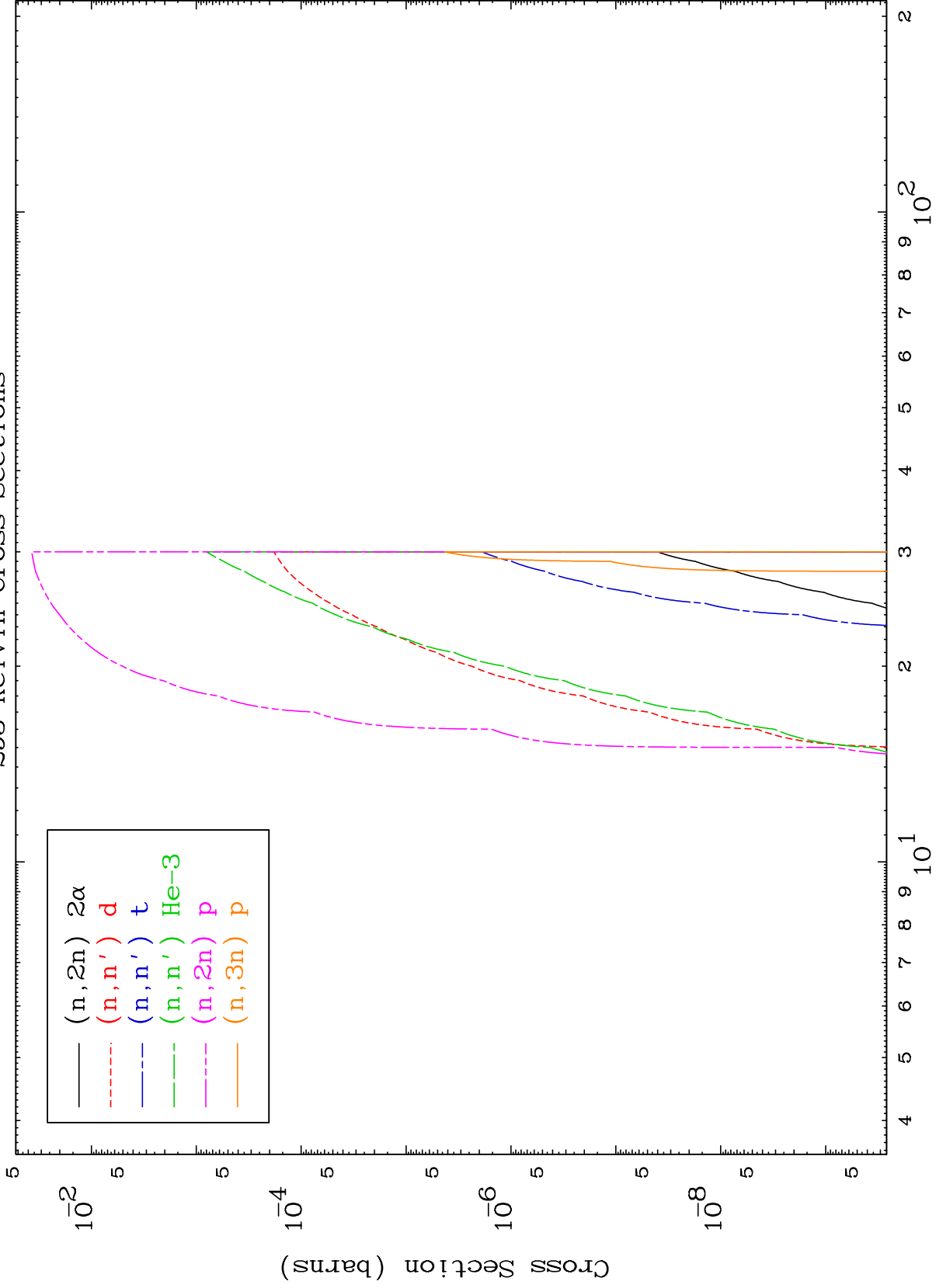


MAT 6780

Neutron Production  
293 Kelvin Cross Sections

68-Er-147

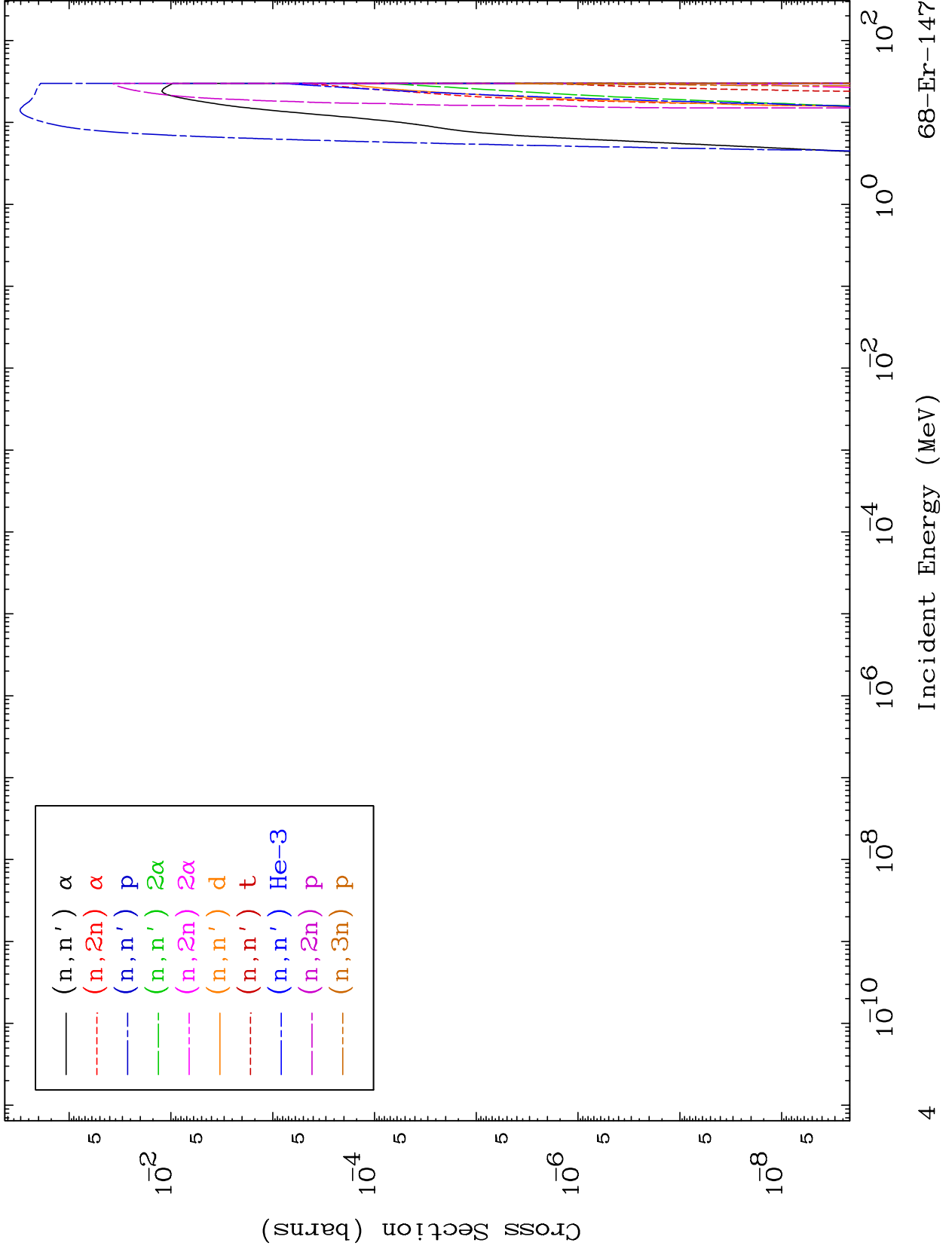


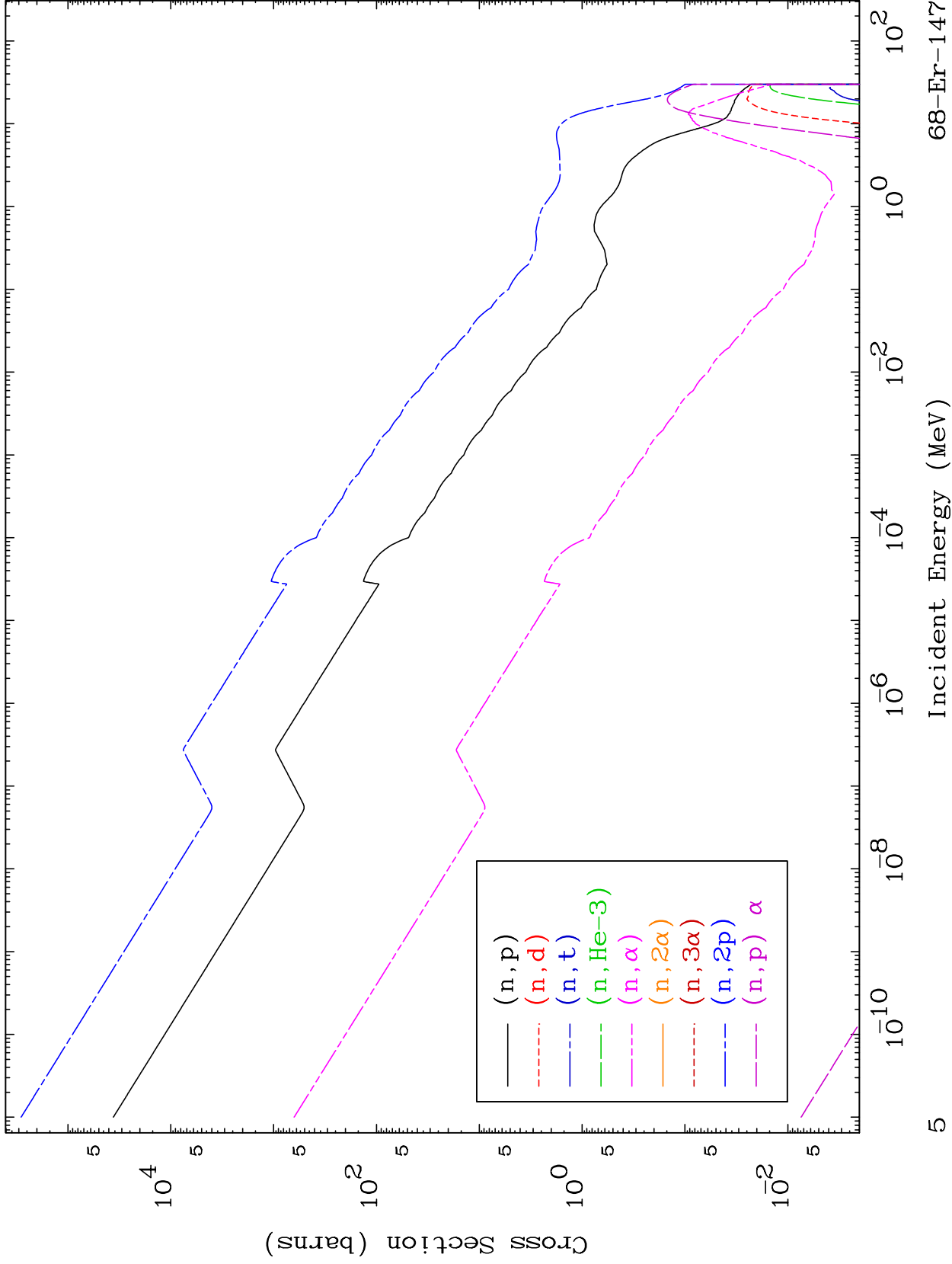


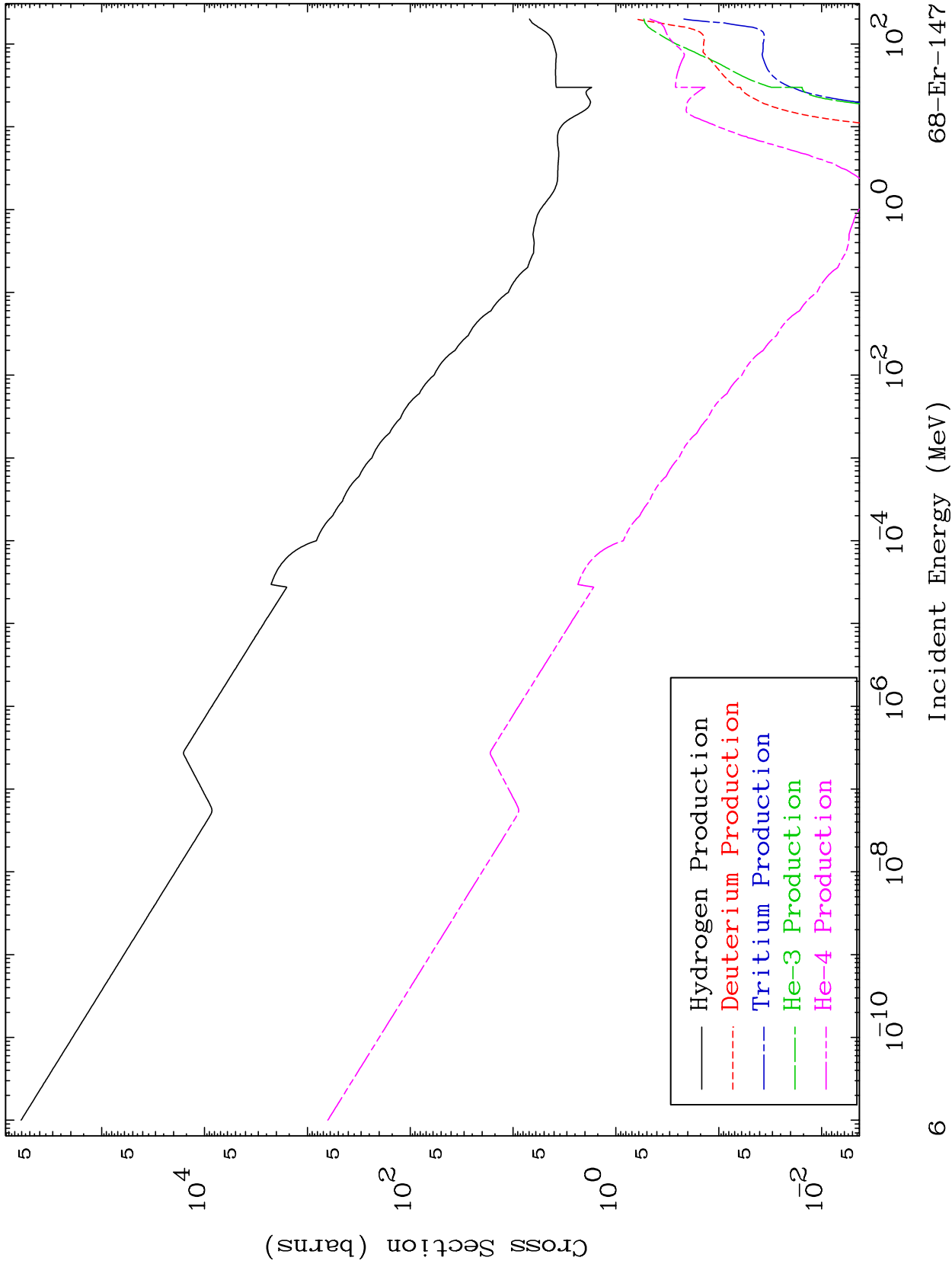
MAT 6780

Charged Particle  
293 Kelvin Cross Sections

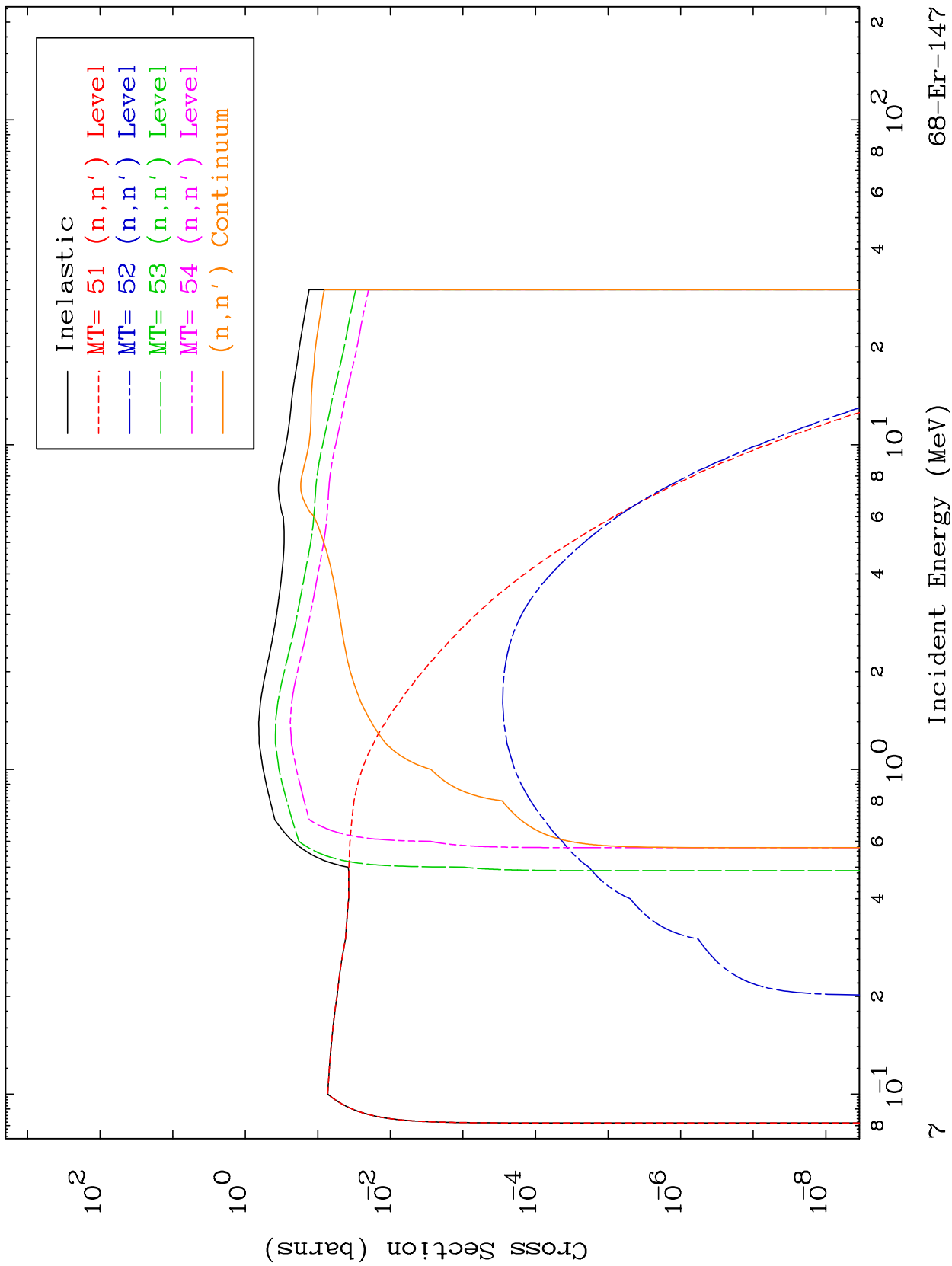
68-Er-147







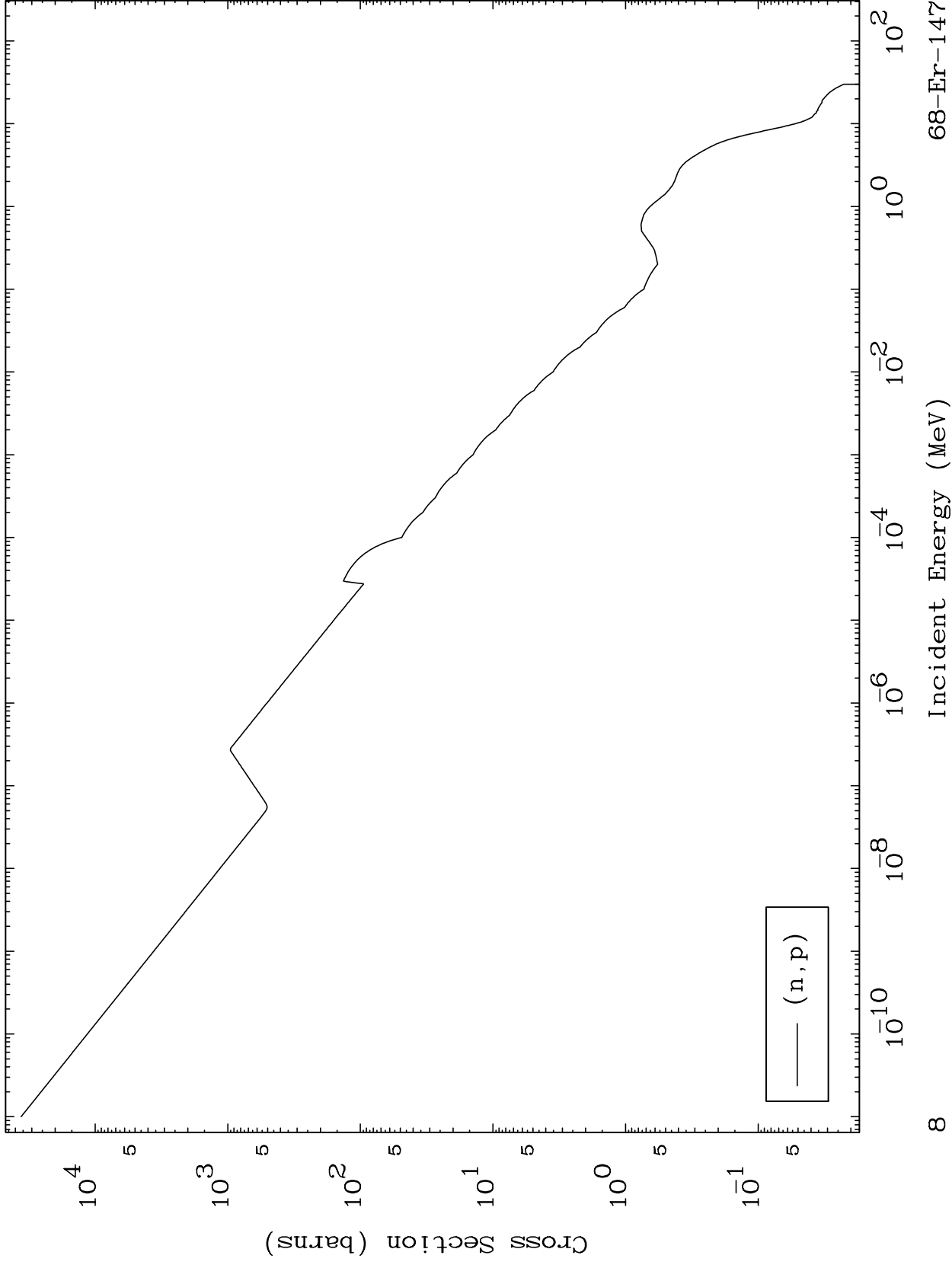
293 Kelvin Cross Sections



MAT 6780

(n,p) Levels  
293 Kelvin Cross Sections

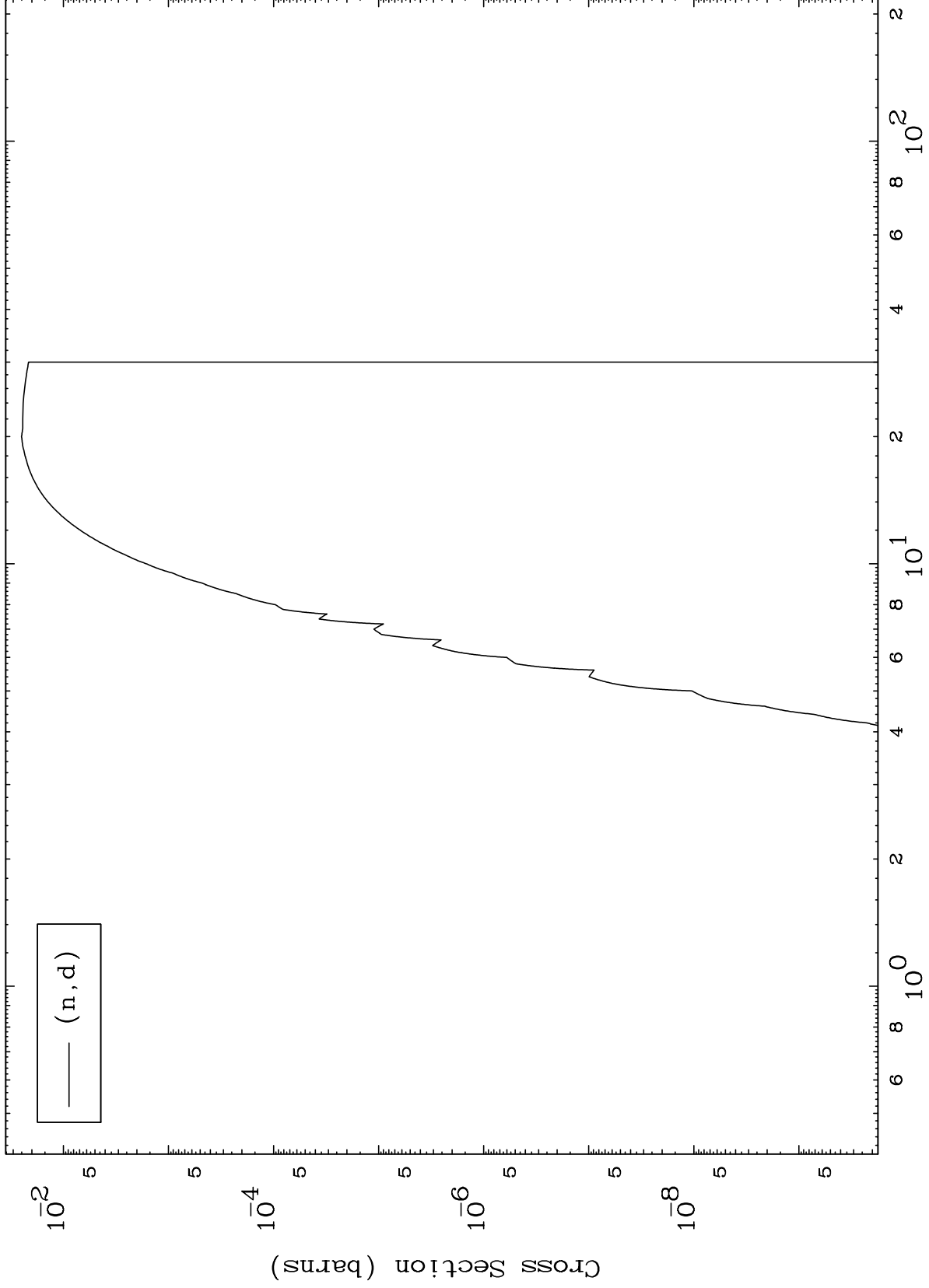
68-Er-147



MAT 6780

(n,d) Levels  
293 Kelvin Cross Sections

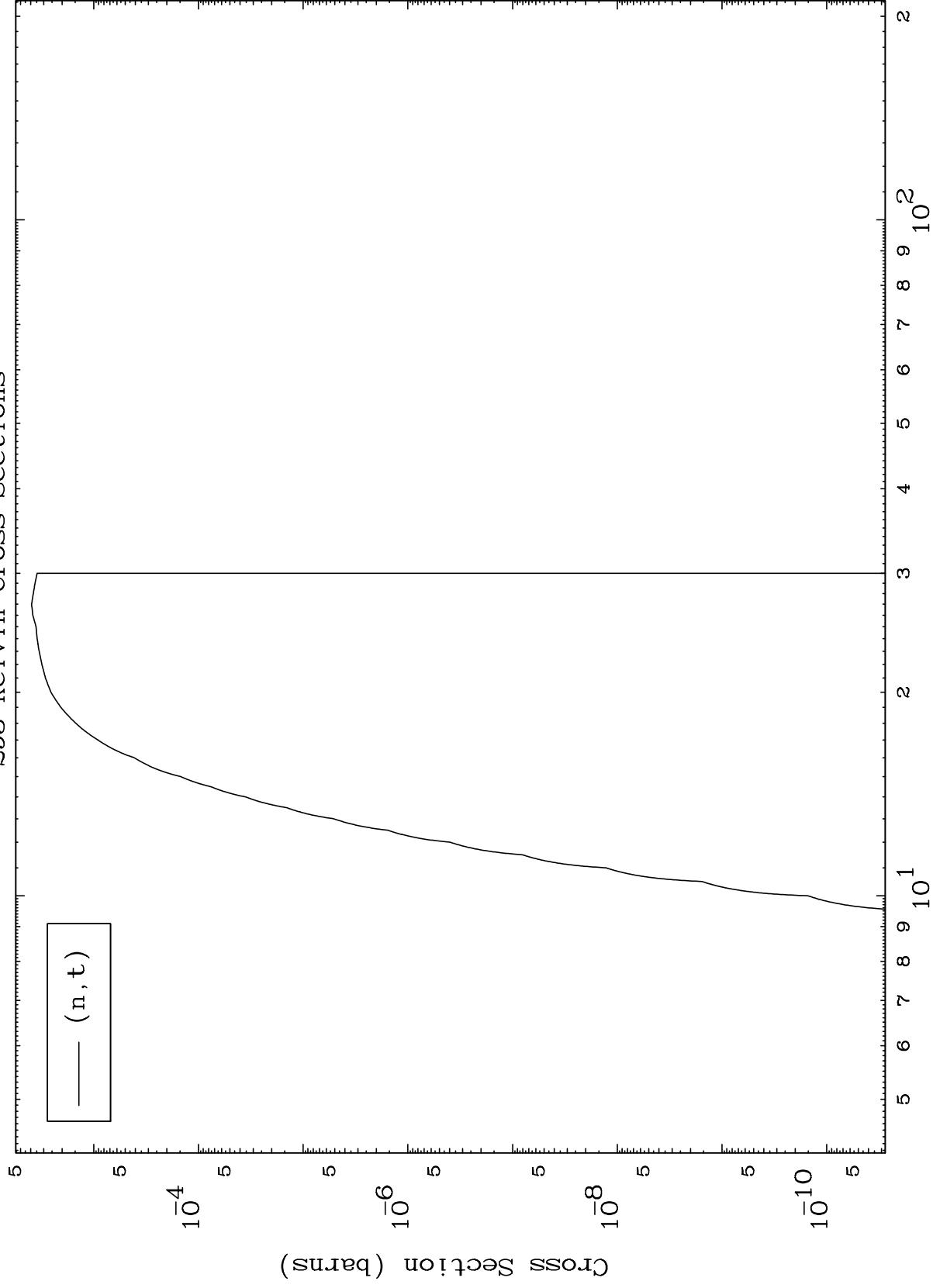
68-Er-147



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(n,t) Levels  
293 Kelvin Cross Sections

68-Er-147



10

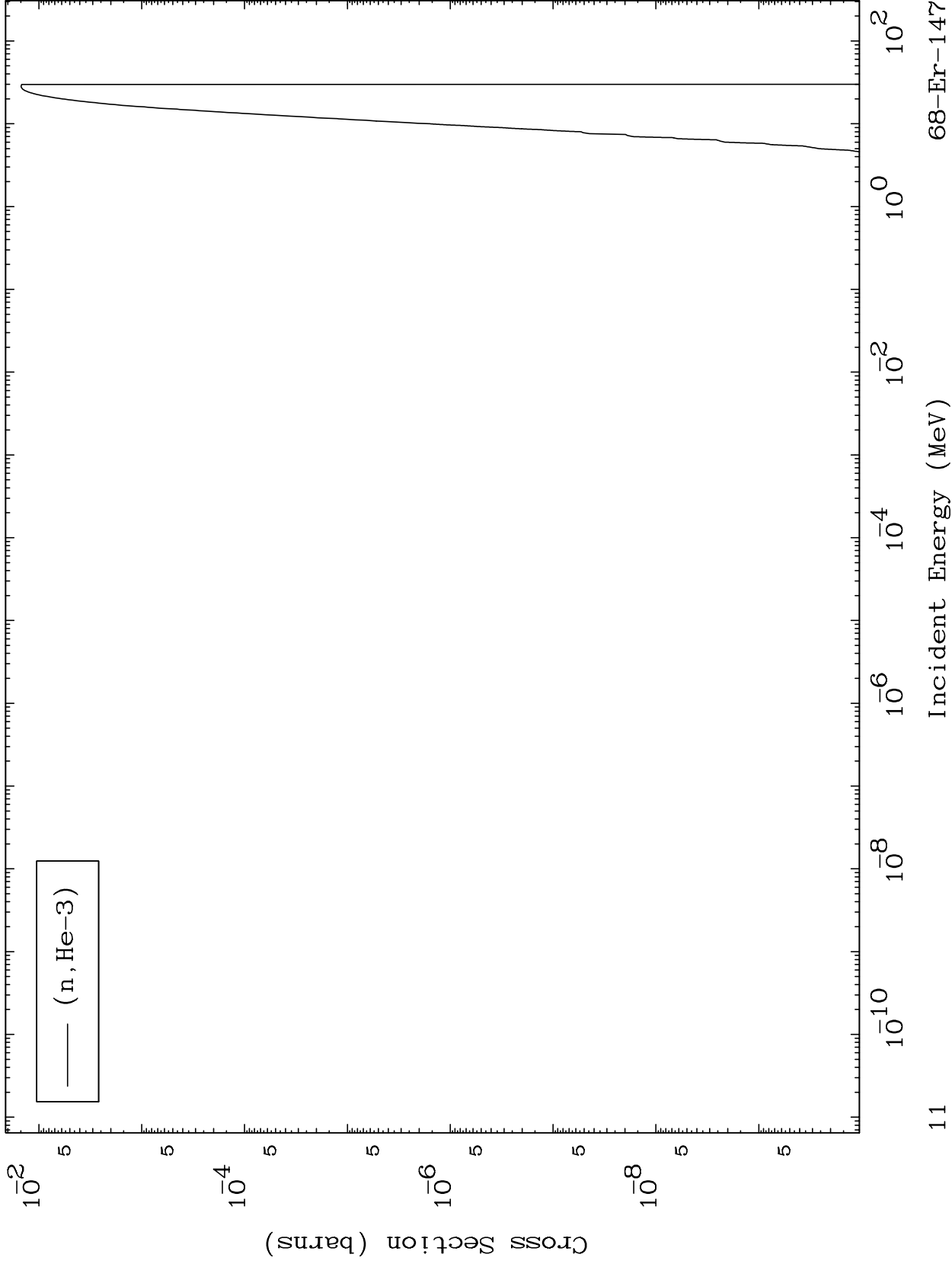
Incident Energy (MeV)

68-Er-147

MAT 6780

(n,He3) Levels  
293 Kelvin Cross Sections

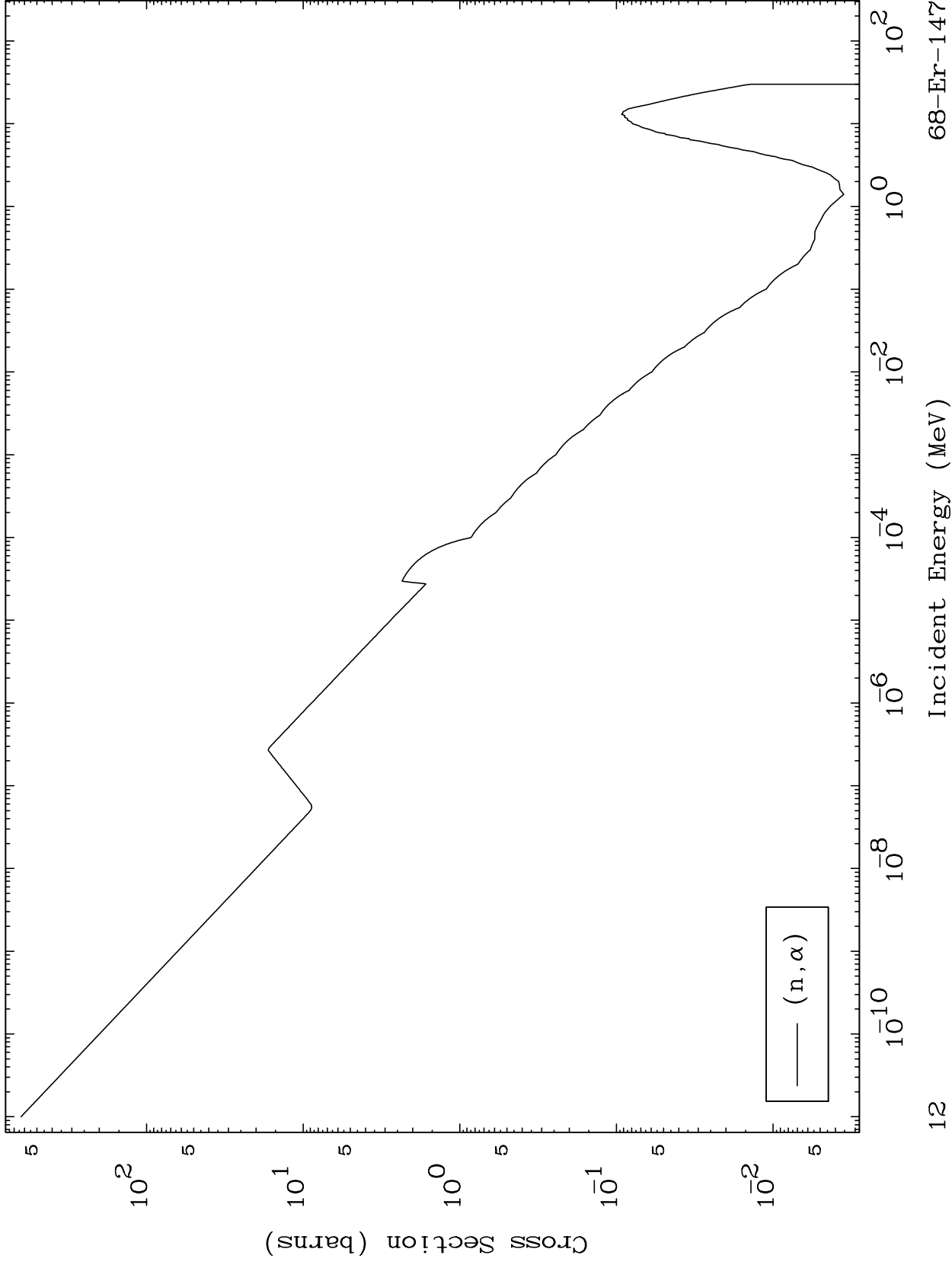
68-Er-147



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(n,α) Levels  
293 Kelvin Cross Sections

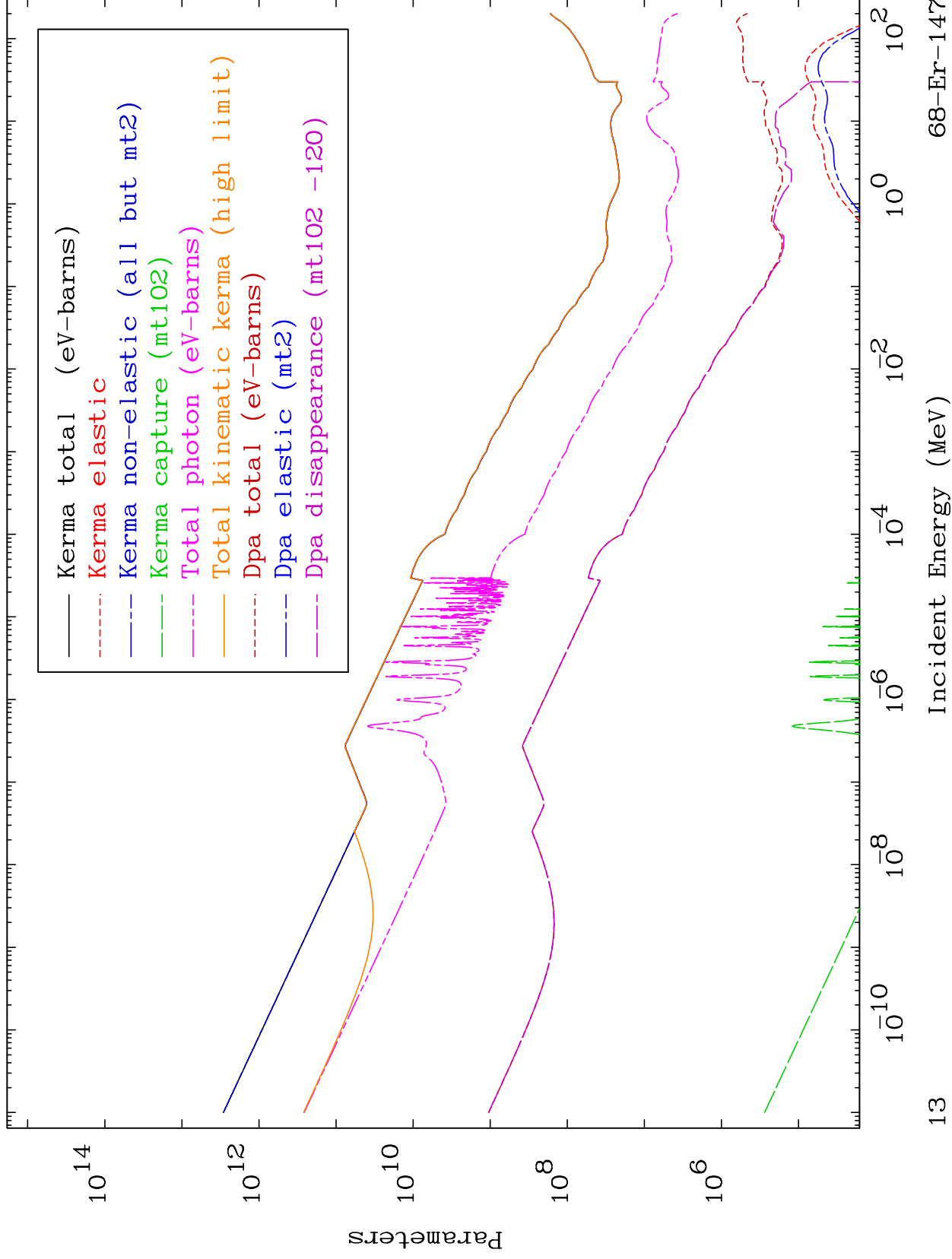
68-Er-147



12

Incident Energy (MeV)

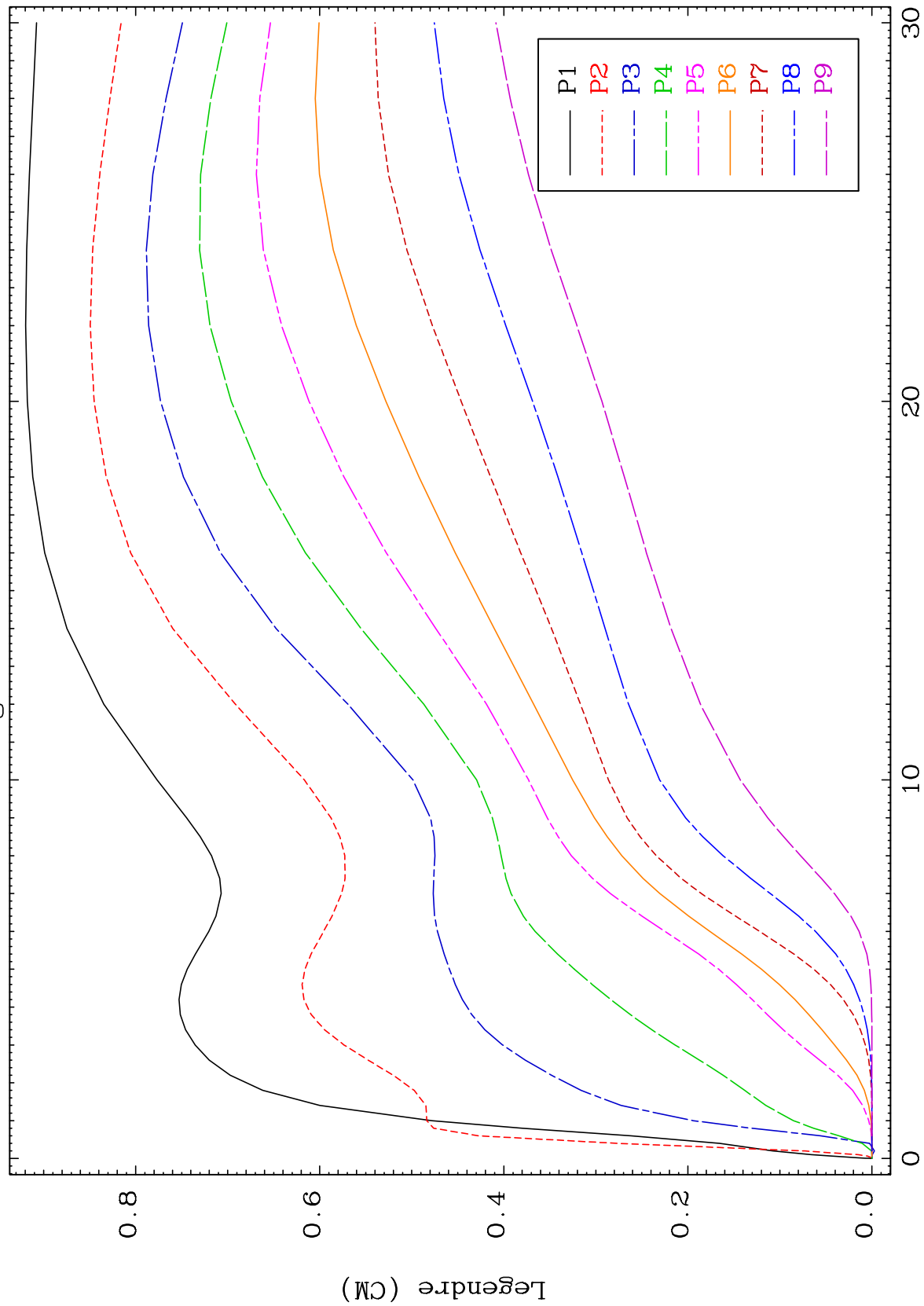
68-Er-147



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Elastic Legendre Coefficients

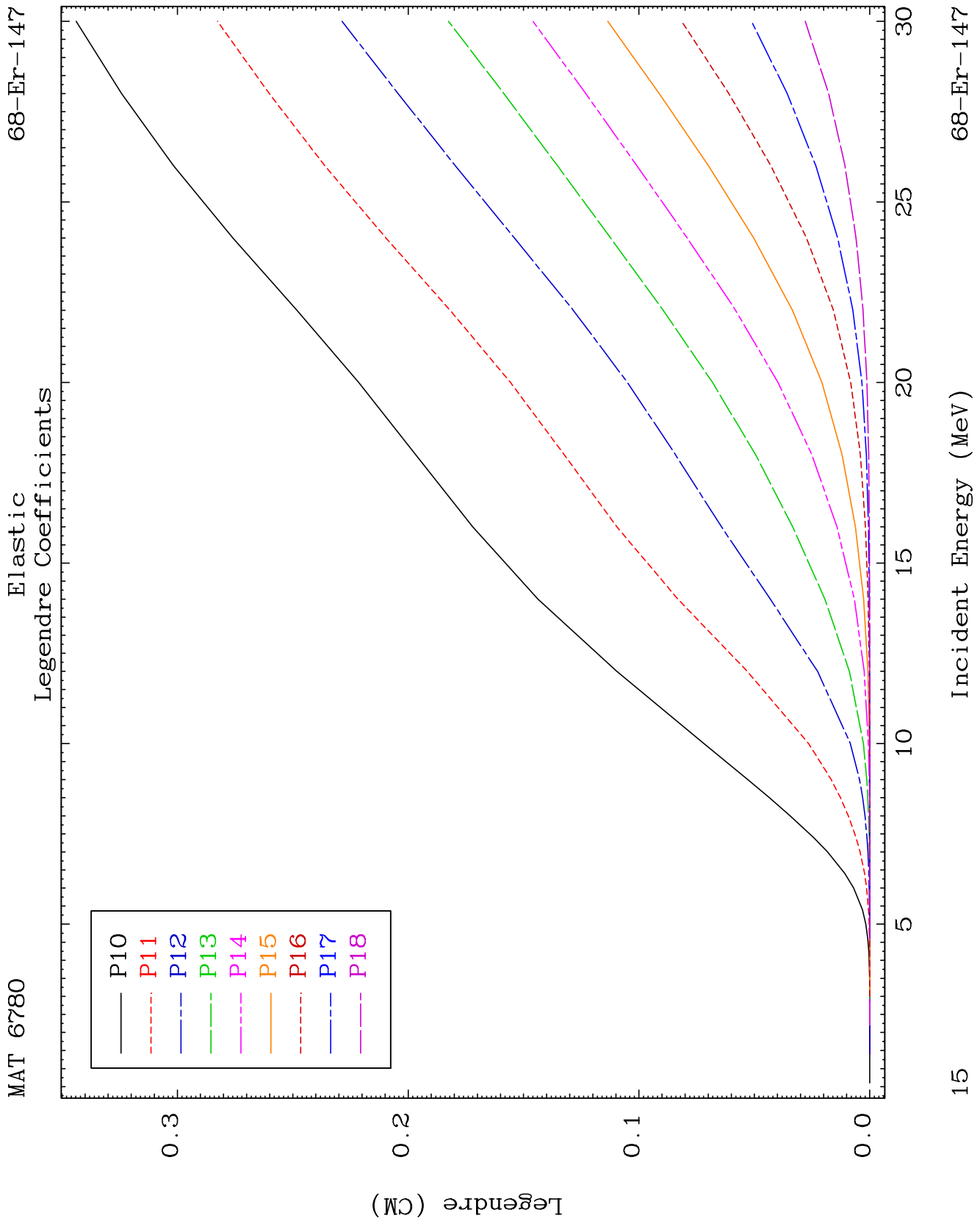
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14

Incident Energy (MeV)

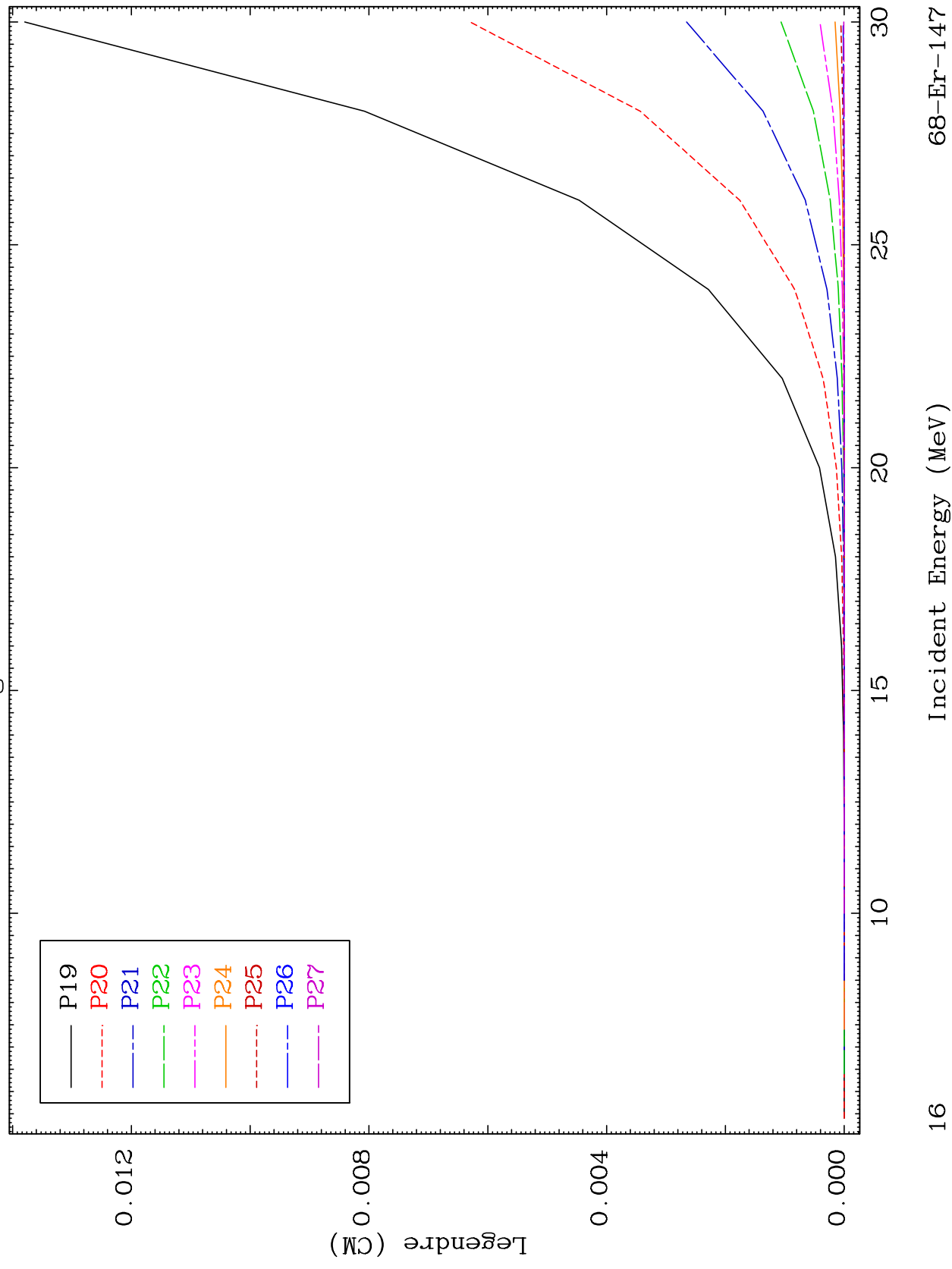
68-Er-147



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### Elastic Legendre Coefficients

68-Er-147

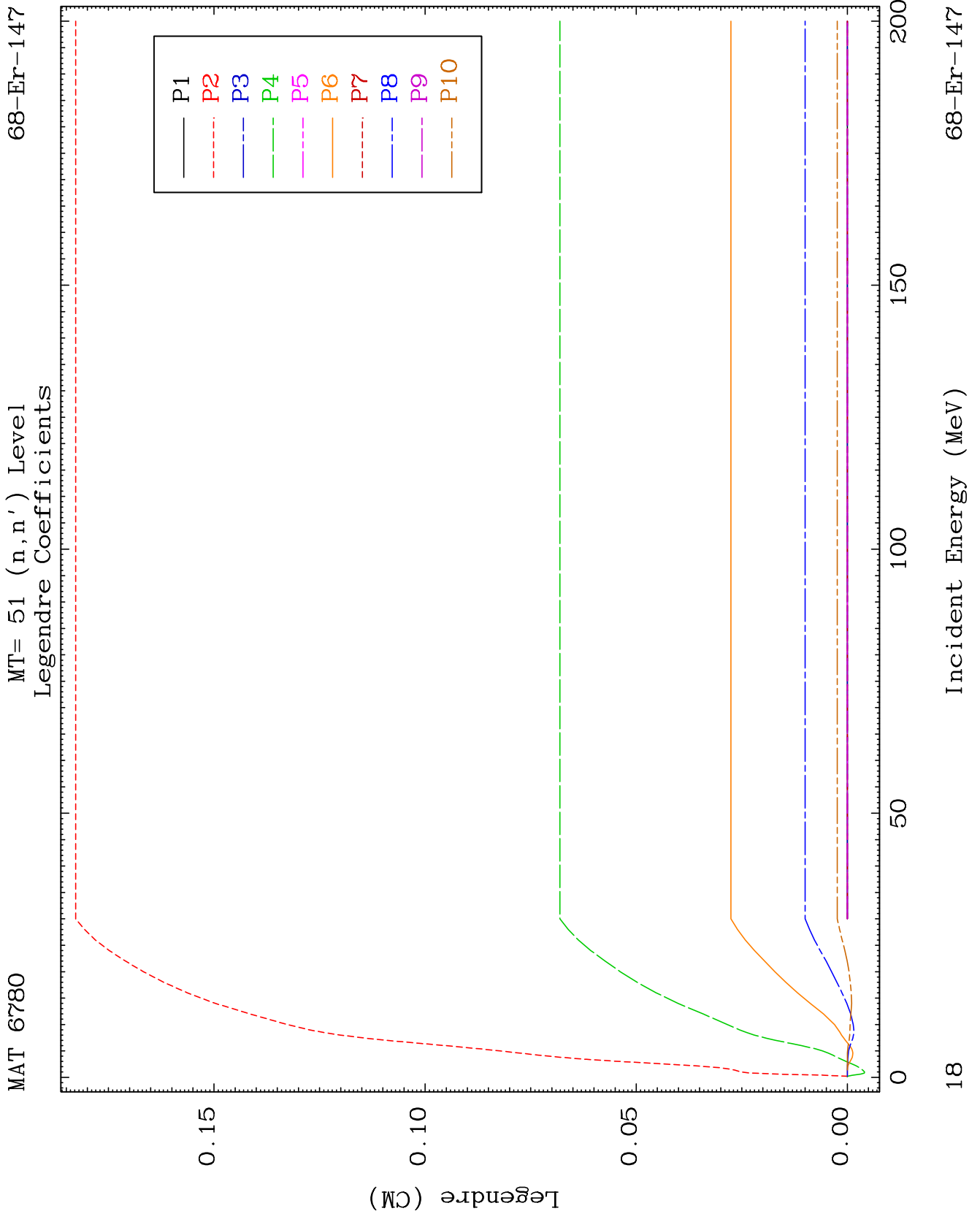


16

Incident Energy (MeV)

68-Er-147

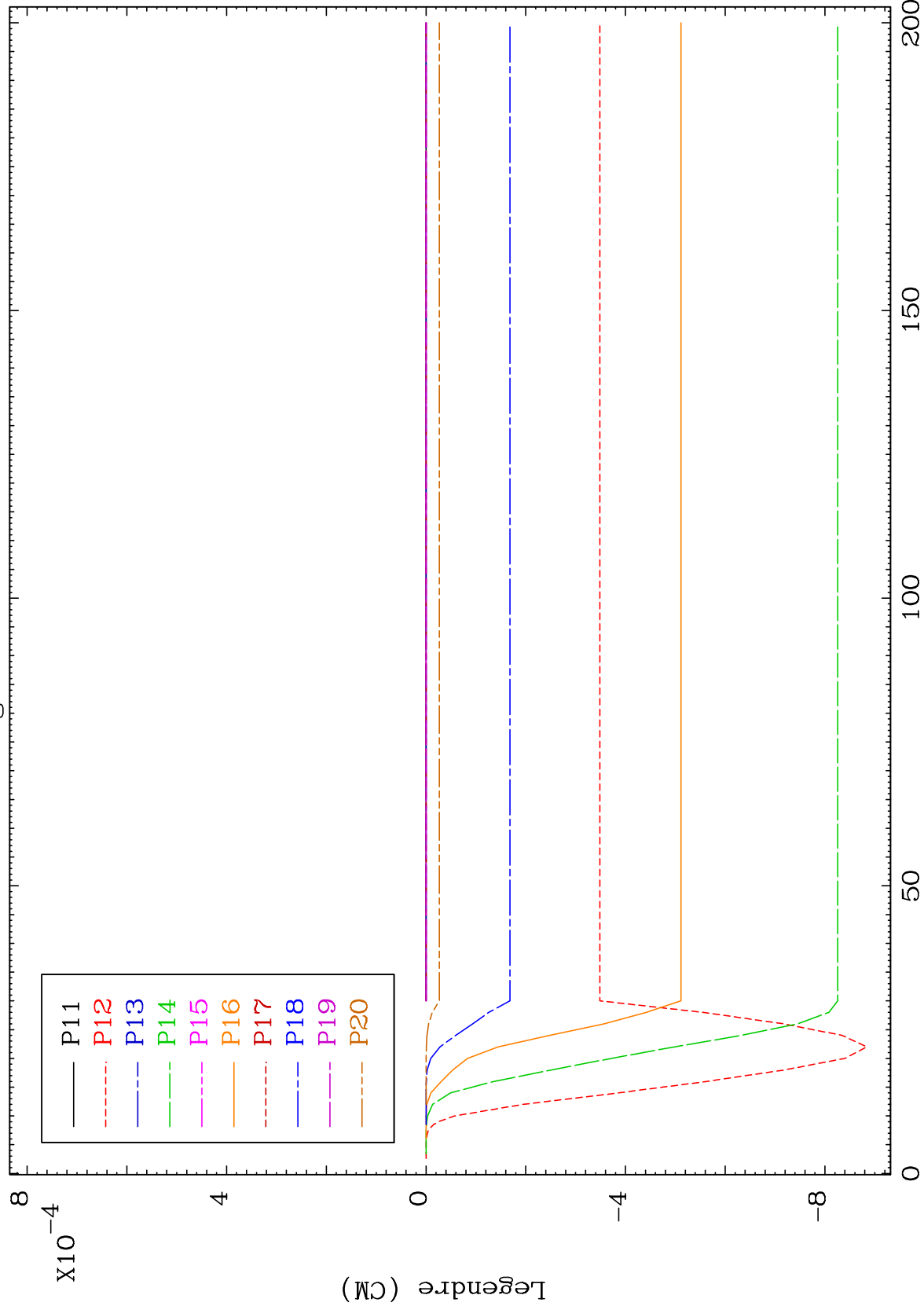




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MT= 51 (n,n') Level  
Legendre Coefficients

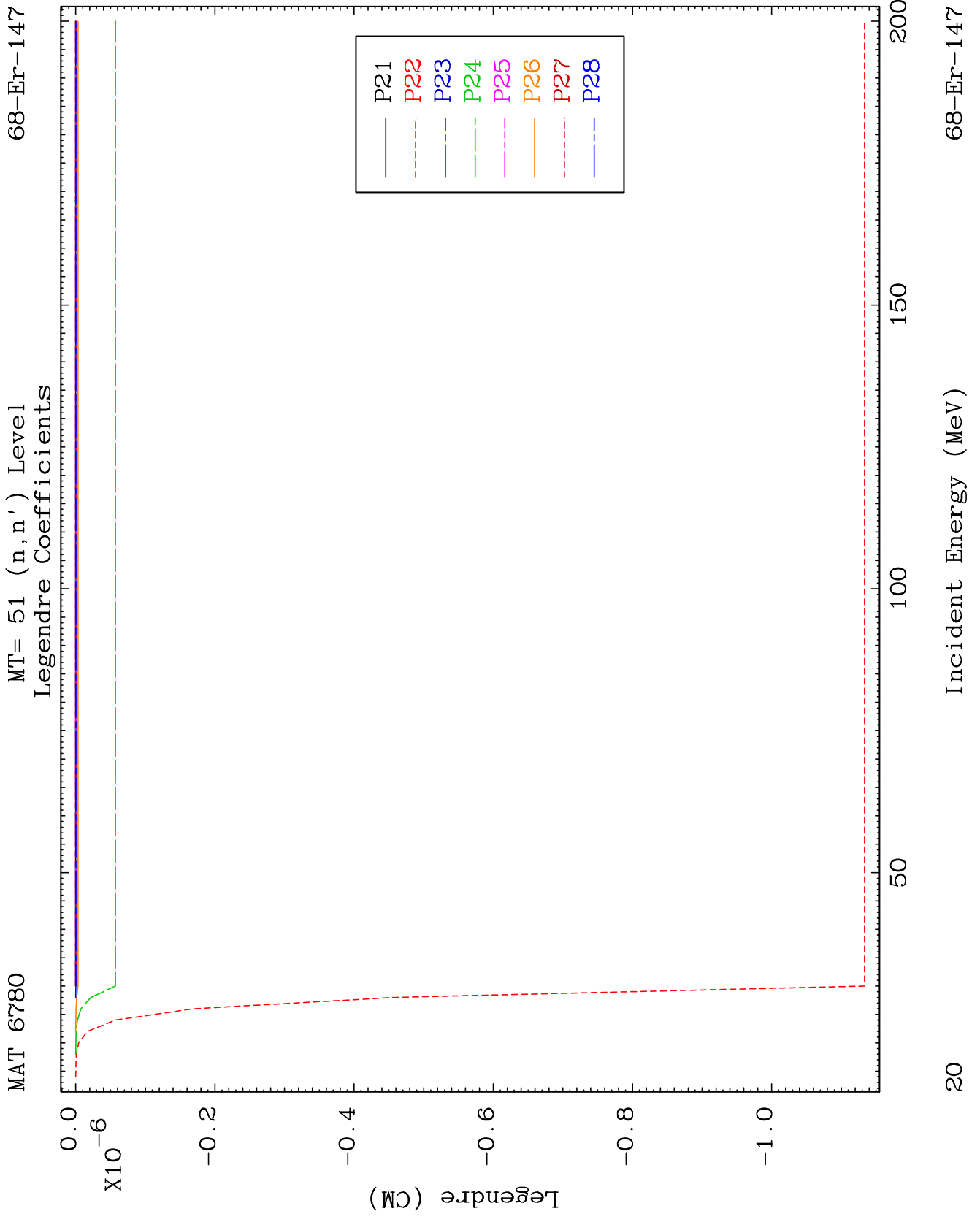
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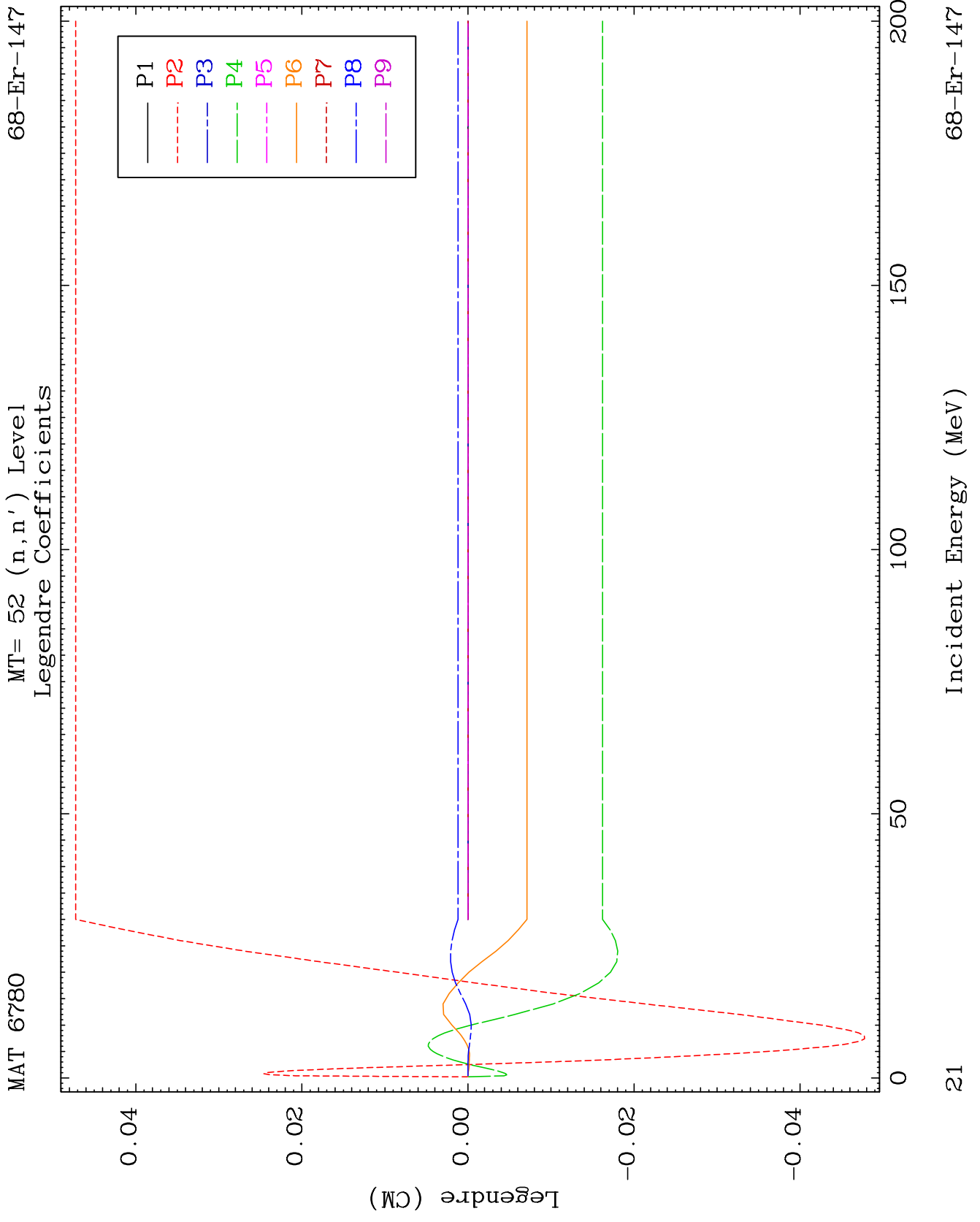


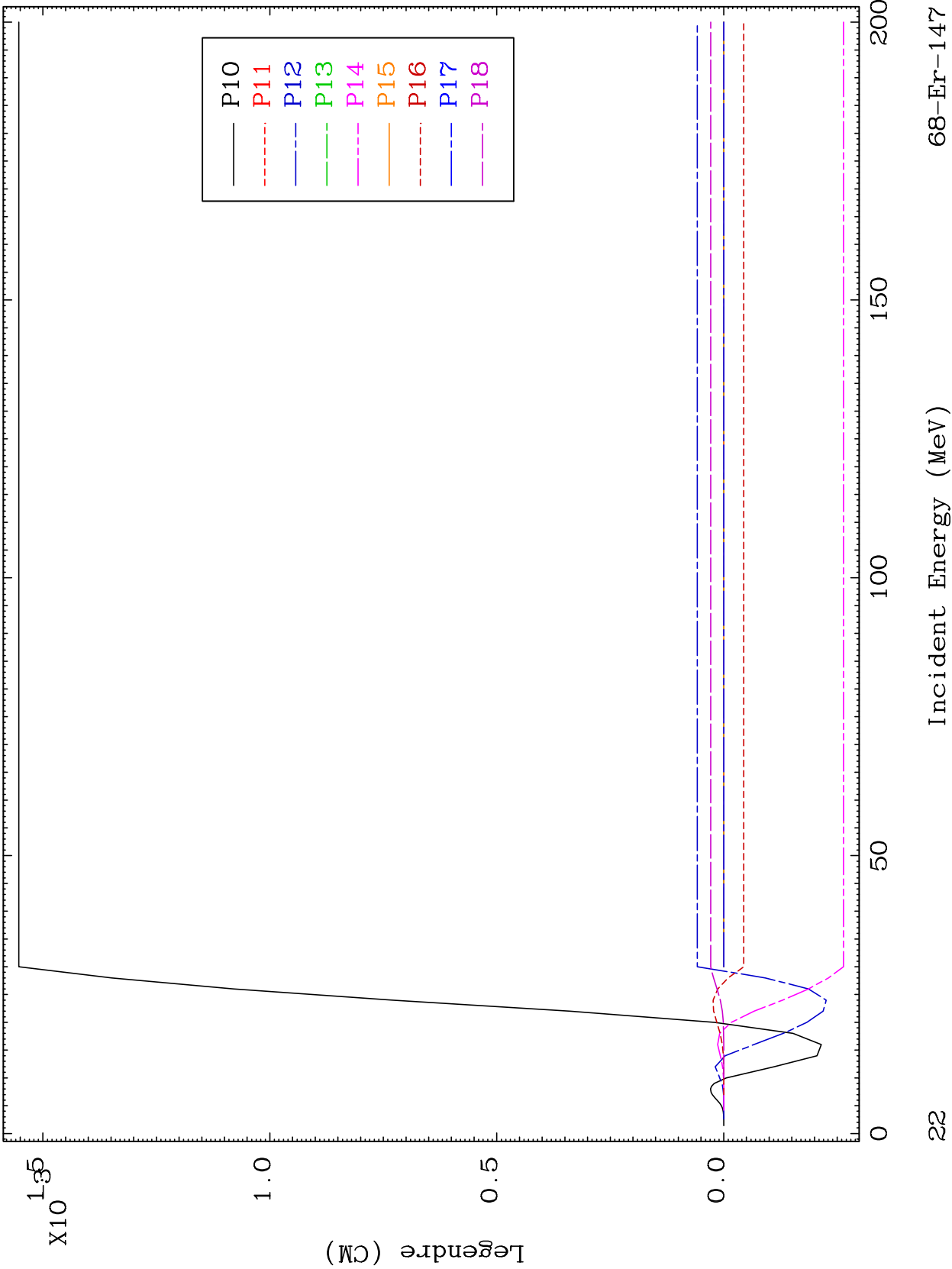
19

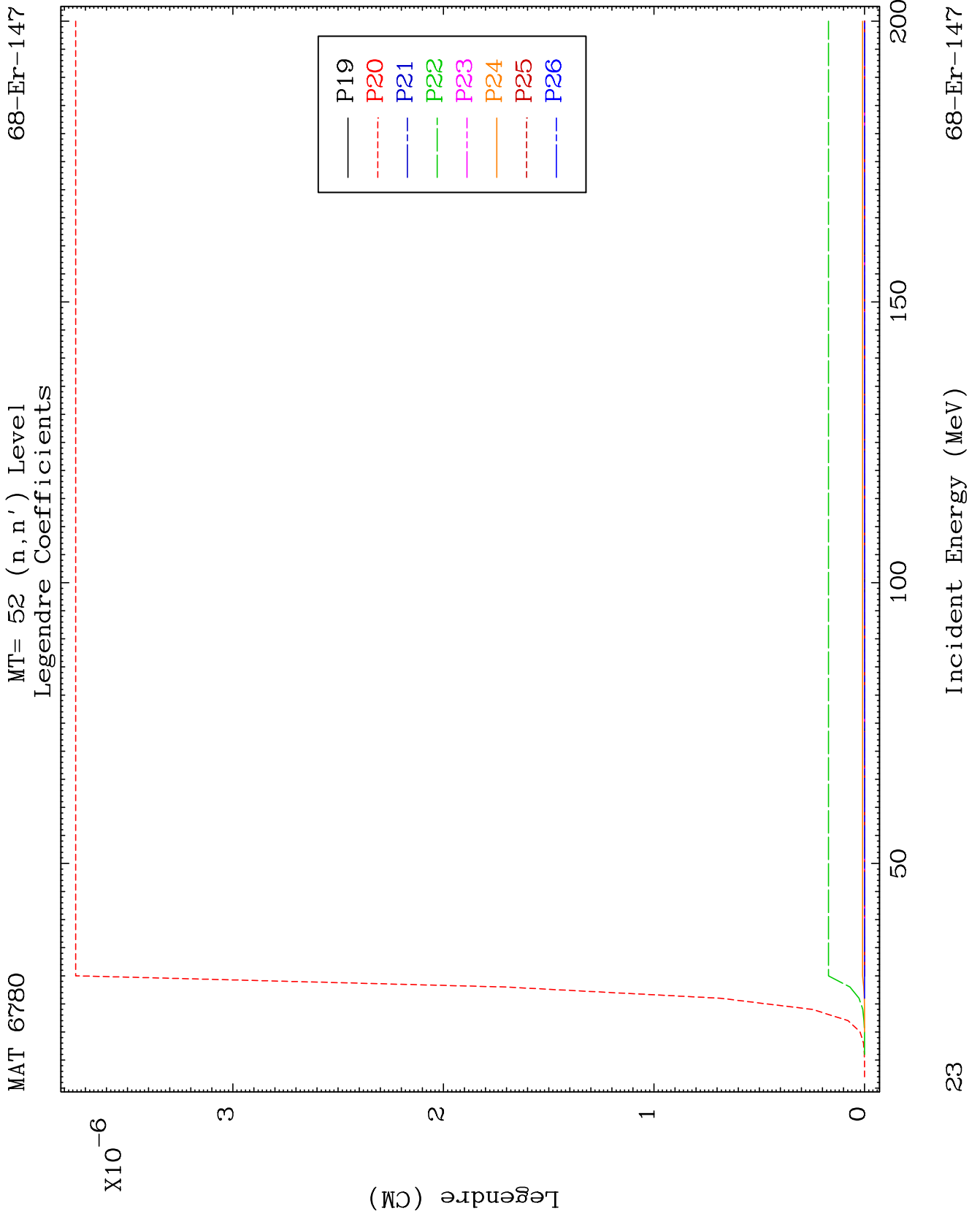
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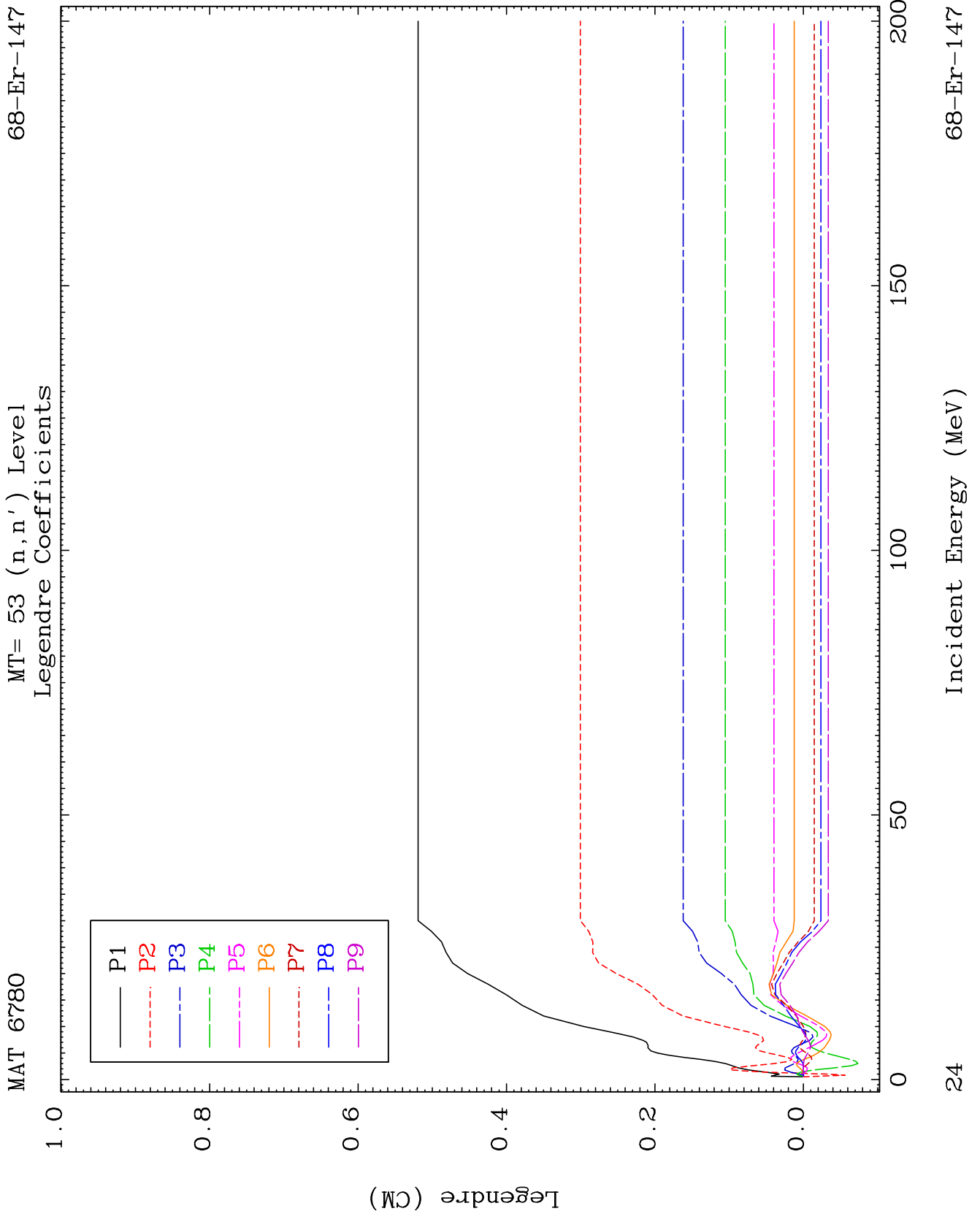
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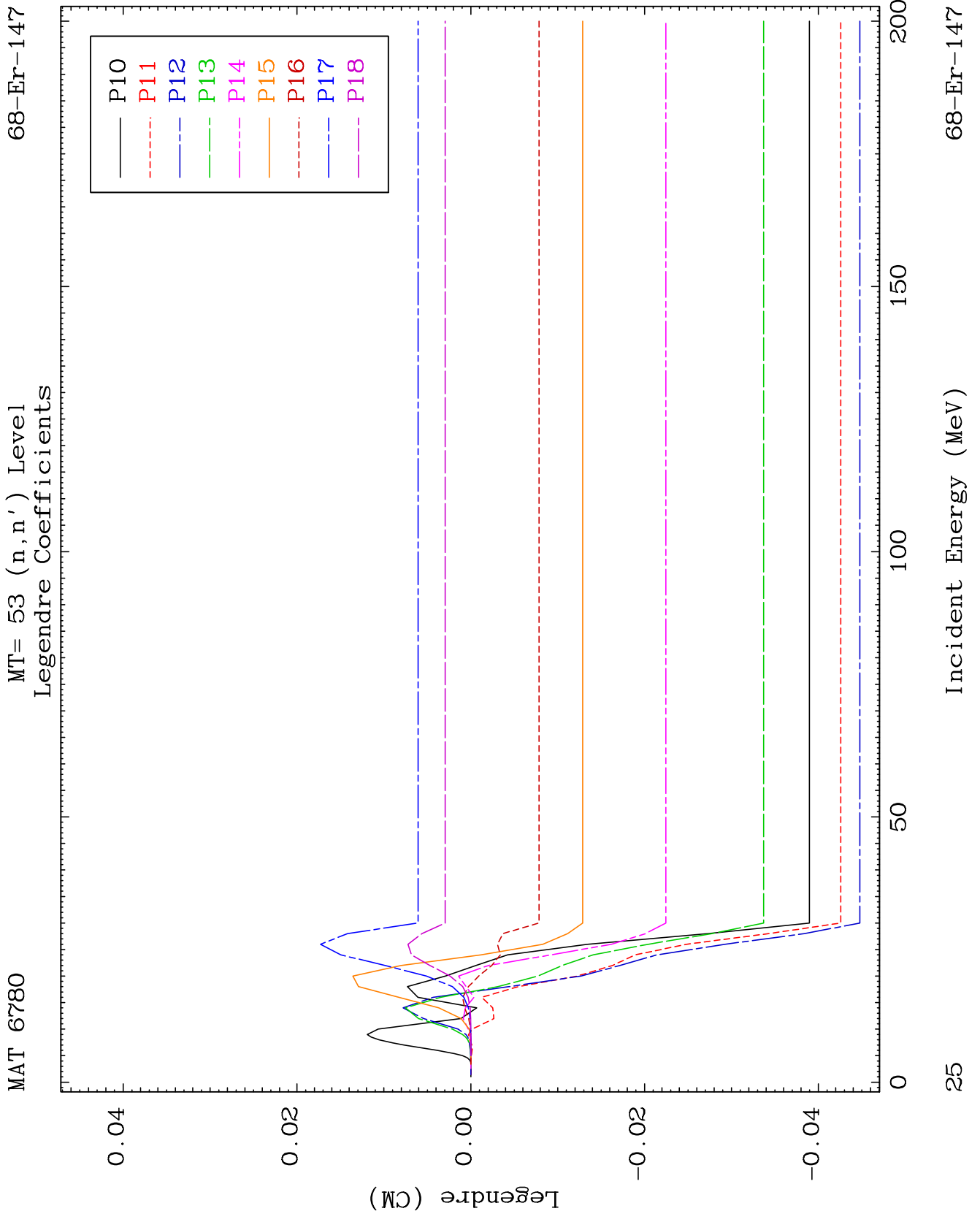


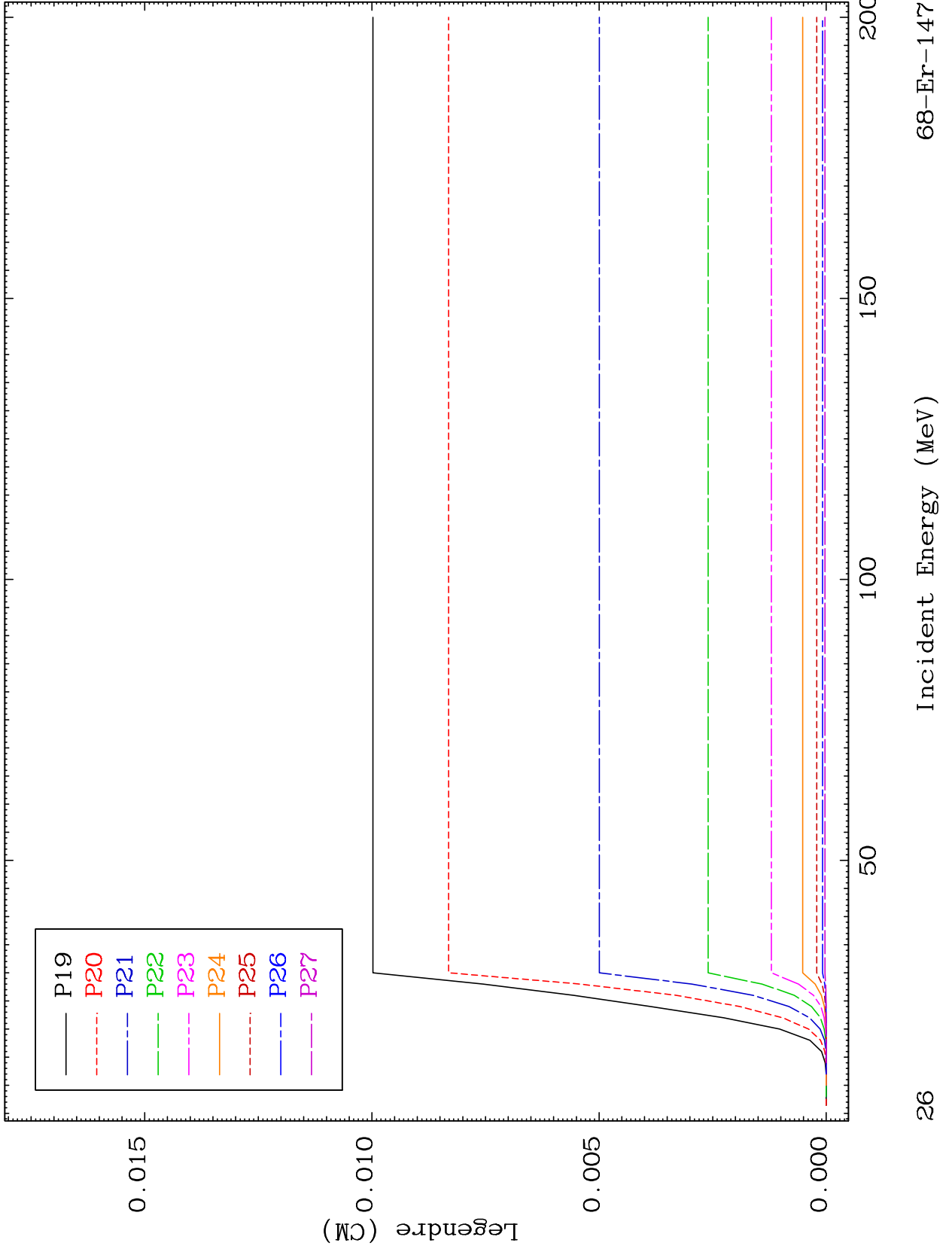


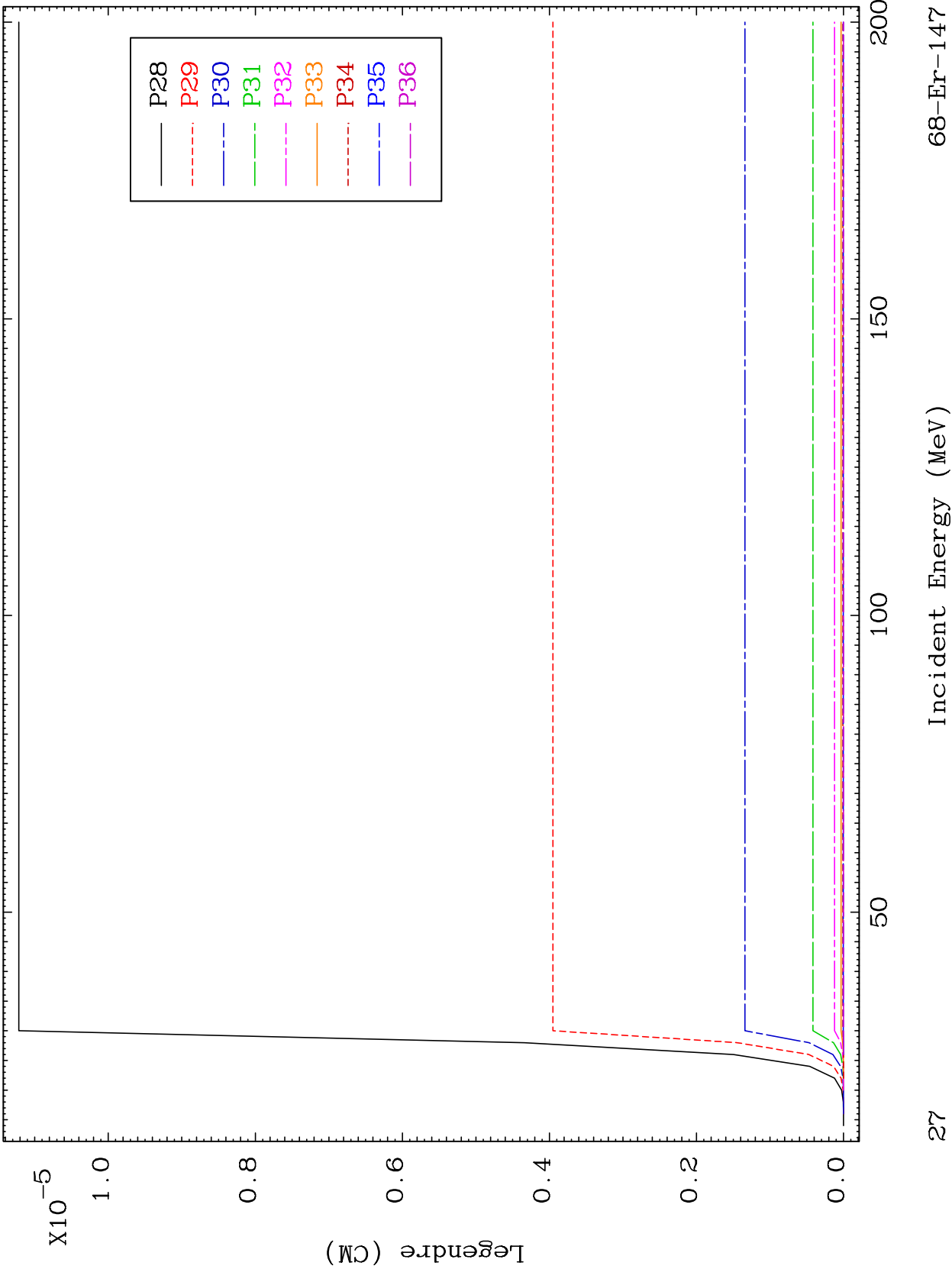








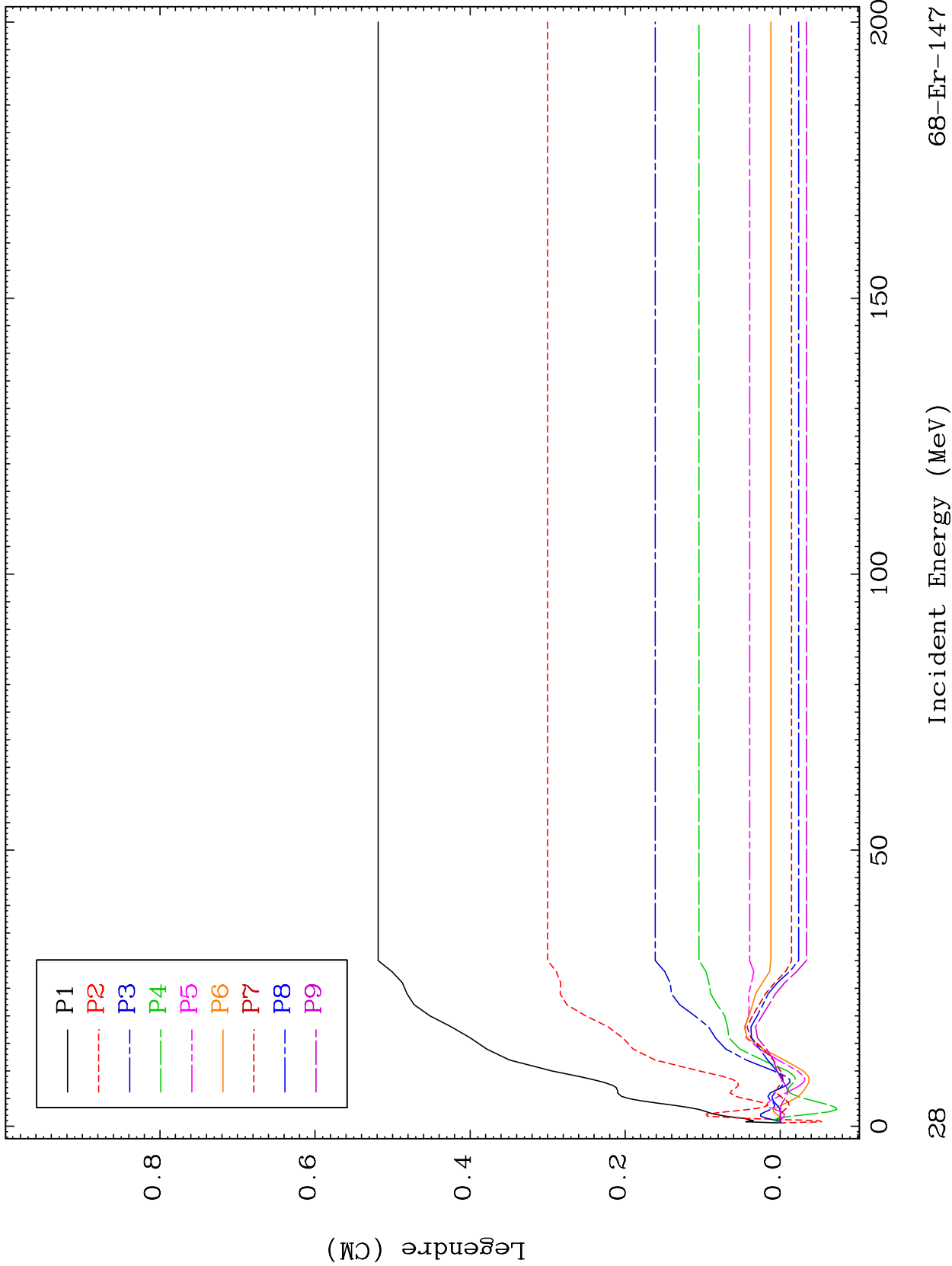




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MT= 54 (n,n') Level  
Legendre Coefficients

68-Er-147



68-Er-147

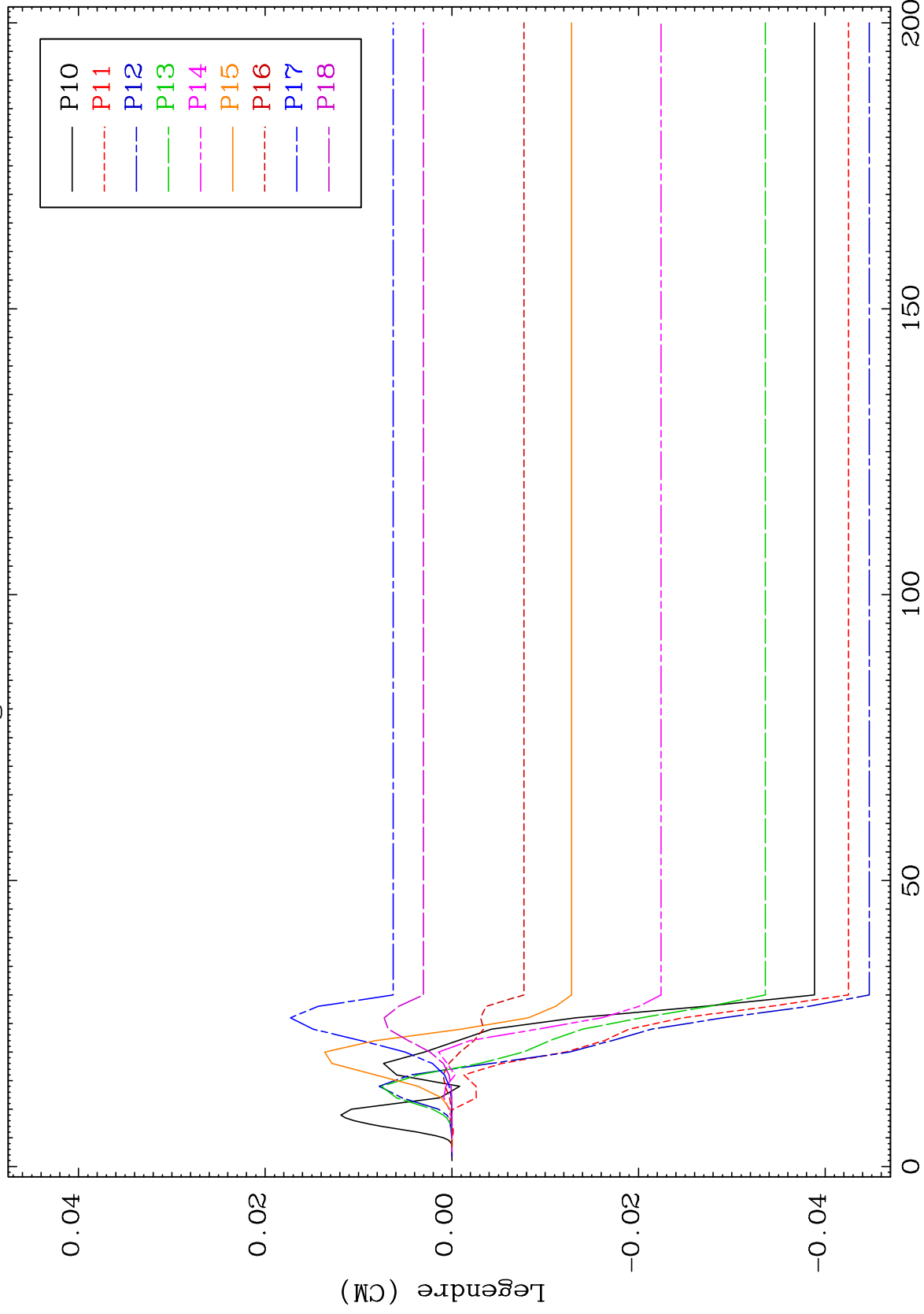
Incident Energy (MeV)

28

MAT 6780

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

68-Er-147



29

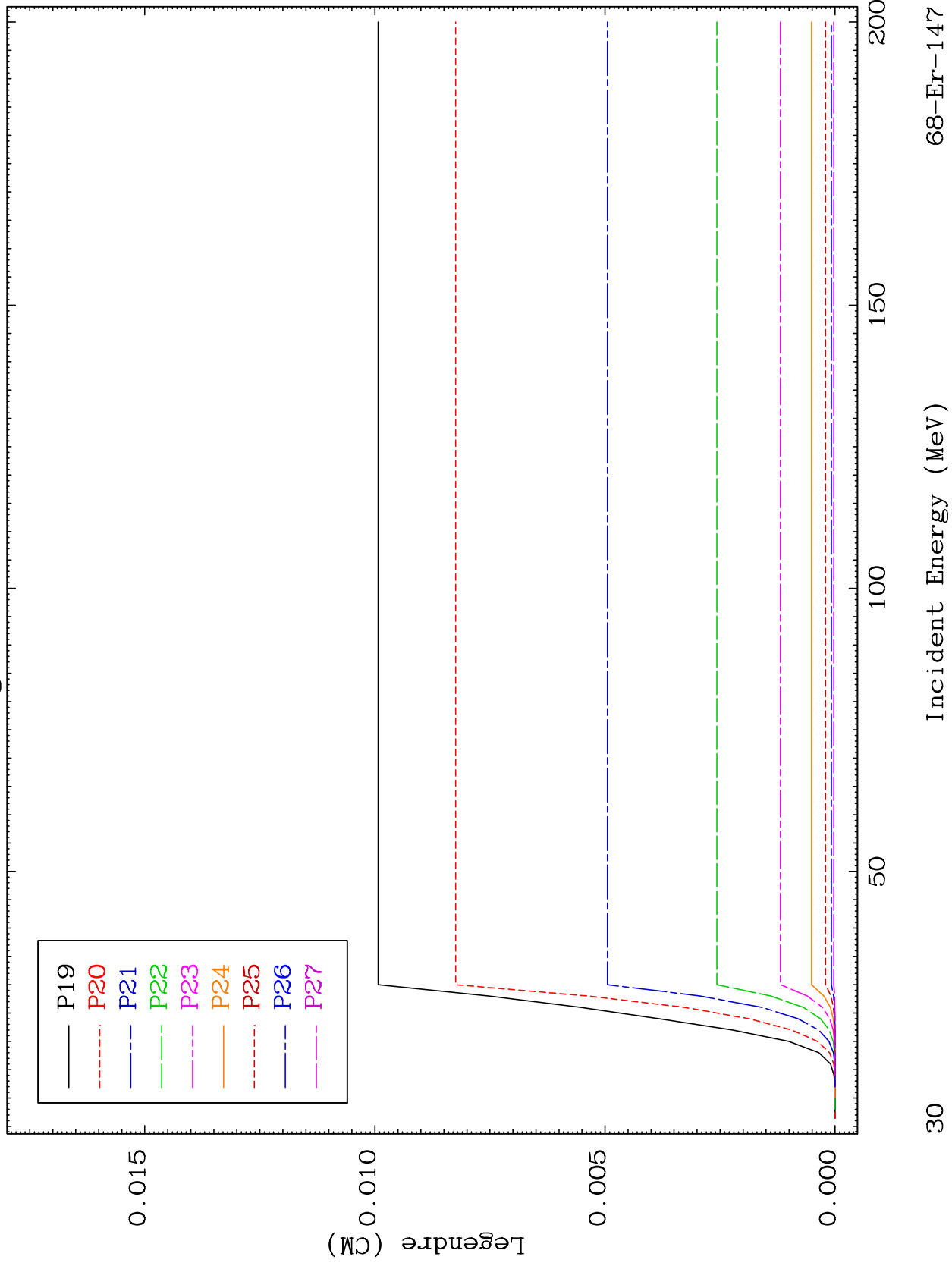
Incident Energy (MeV)

68-Er-147

MAT 6780

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

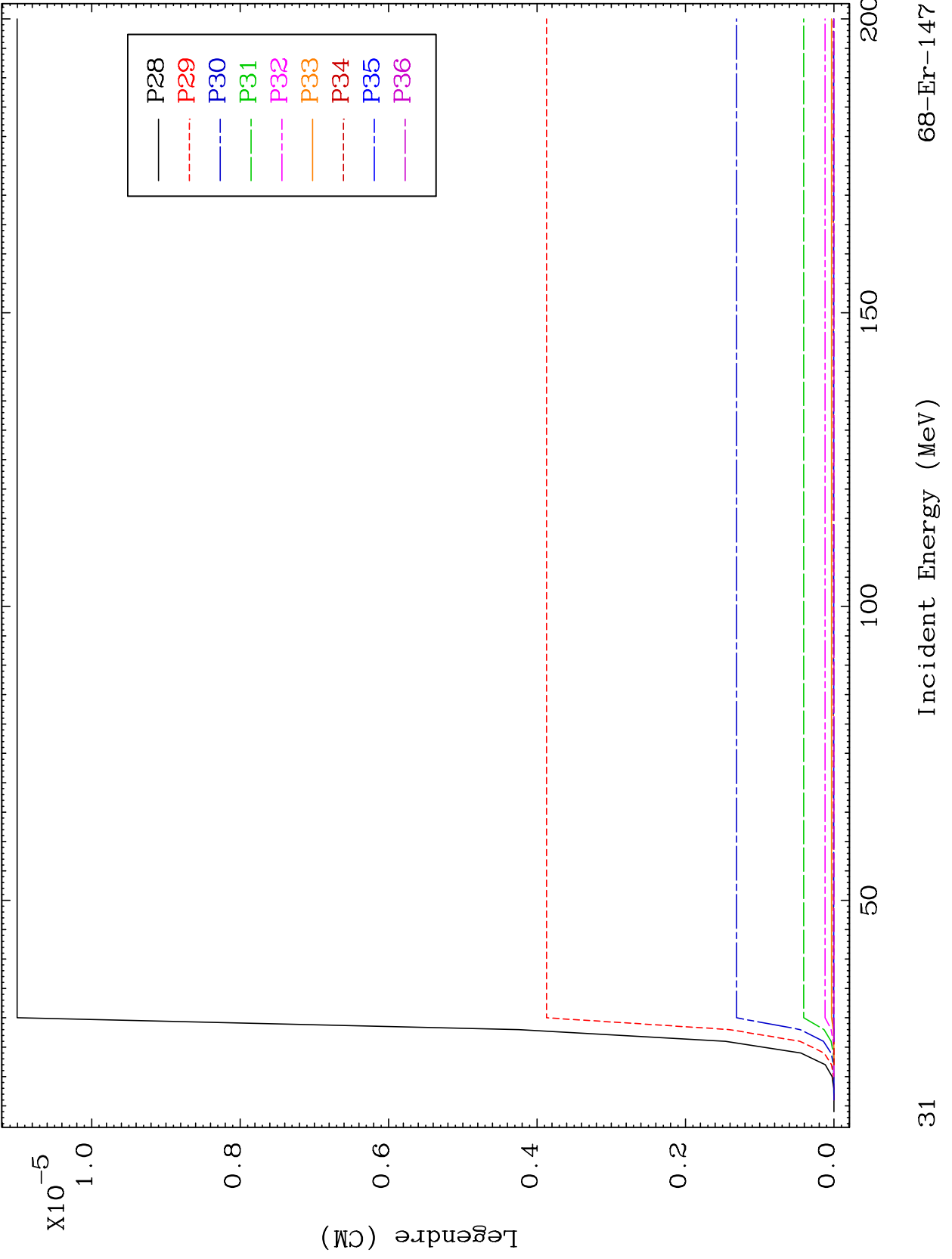
68-Er-147



68-Er-147

Incident Energy (MeV)

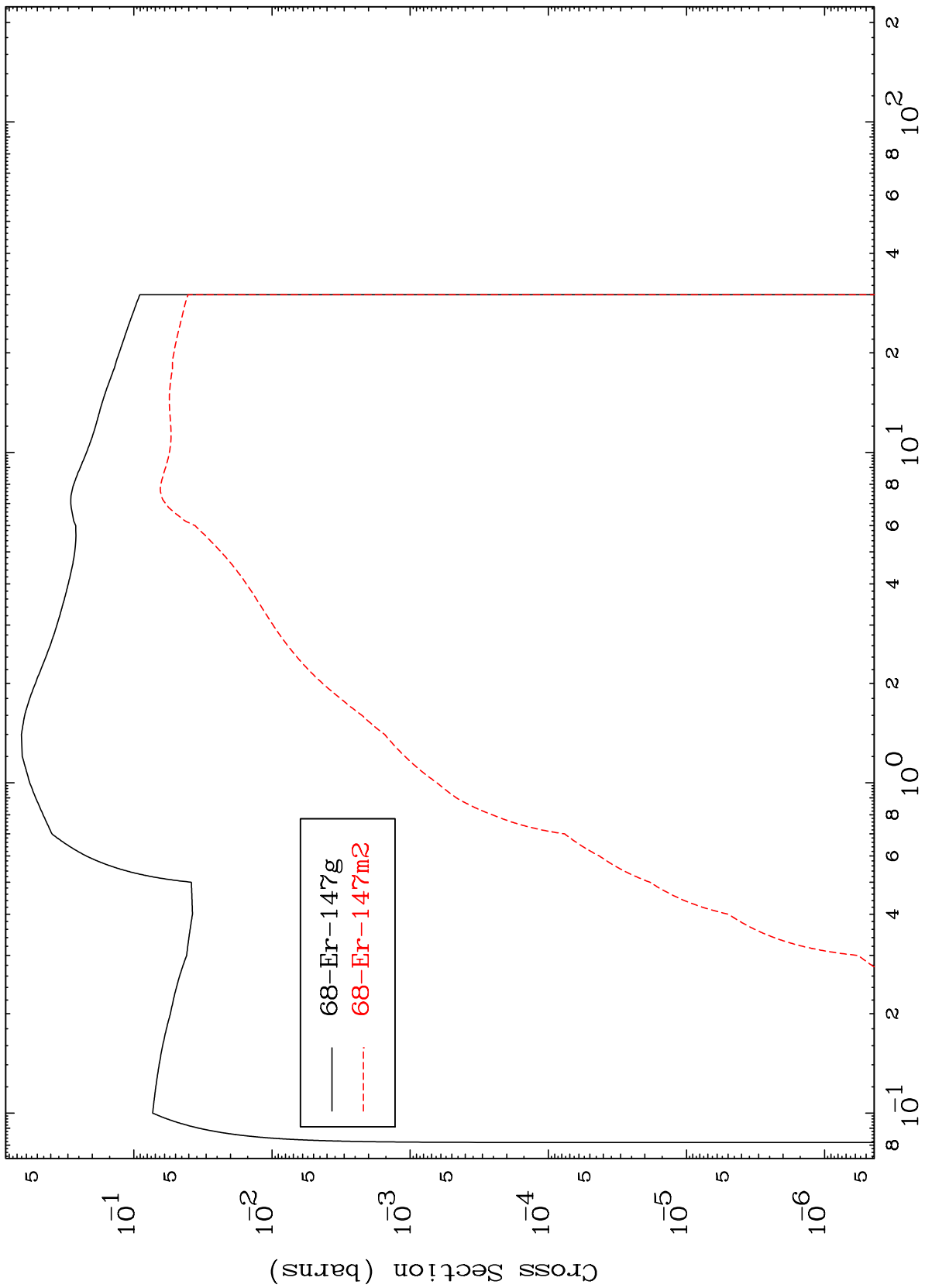
30



MAT 6780

68-Er-147

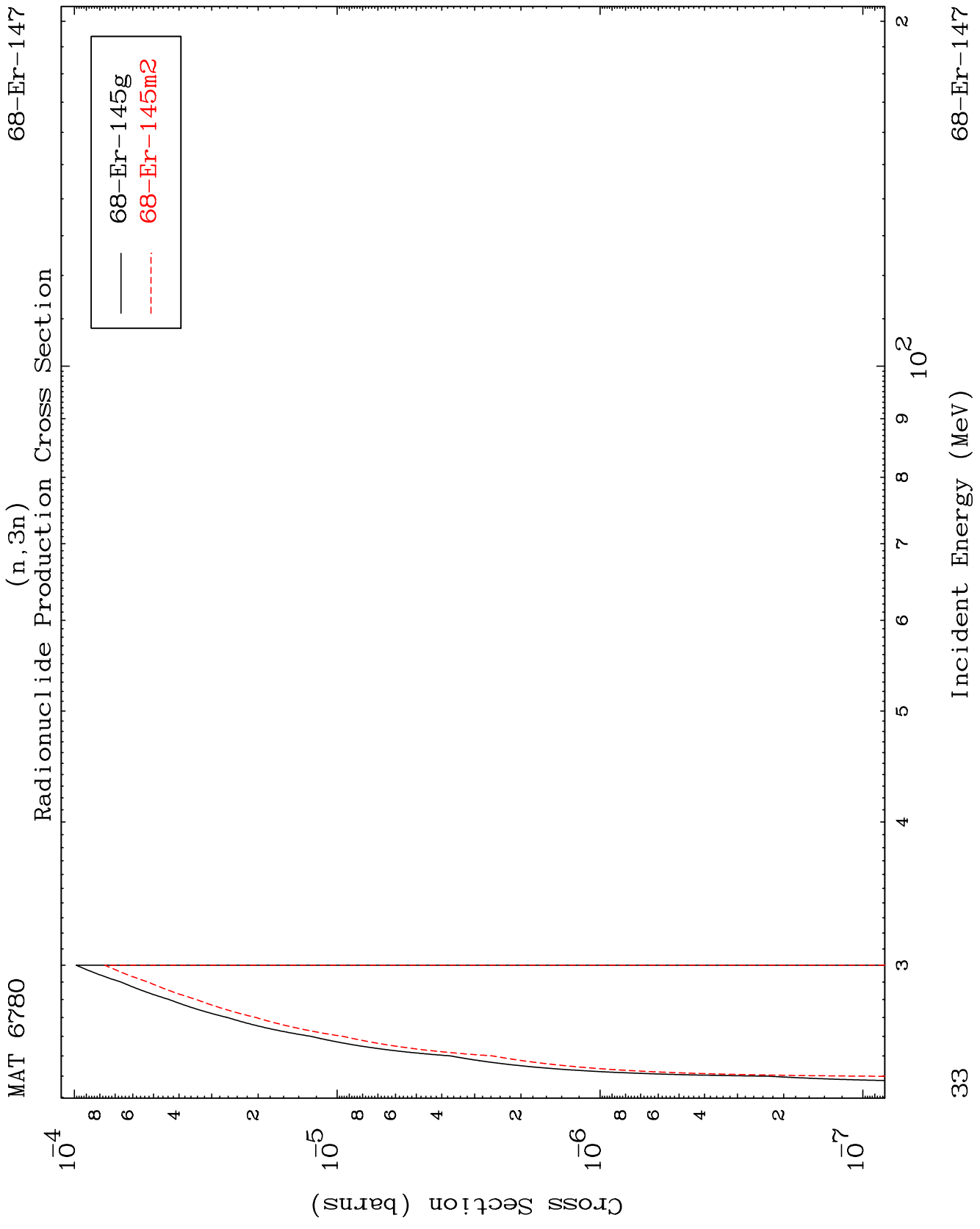
Inelastic  
Radionuclide Production Cross Section



68-Er-147

Incident Energy (MeV)

32

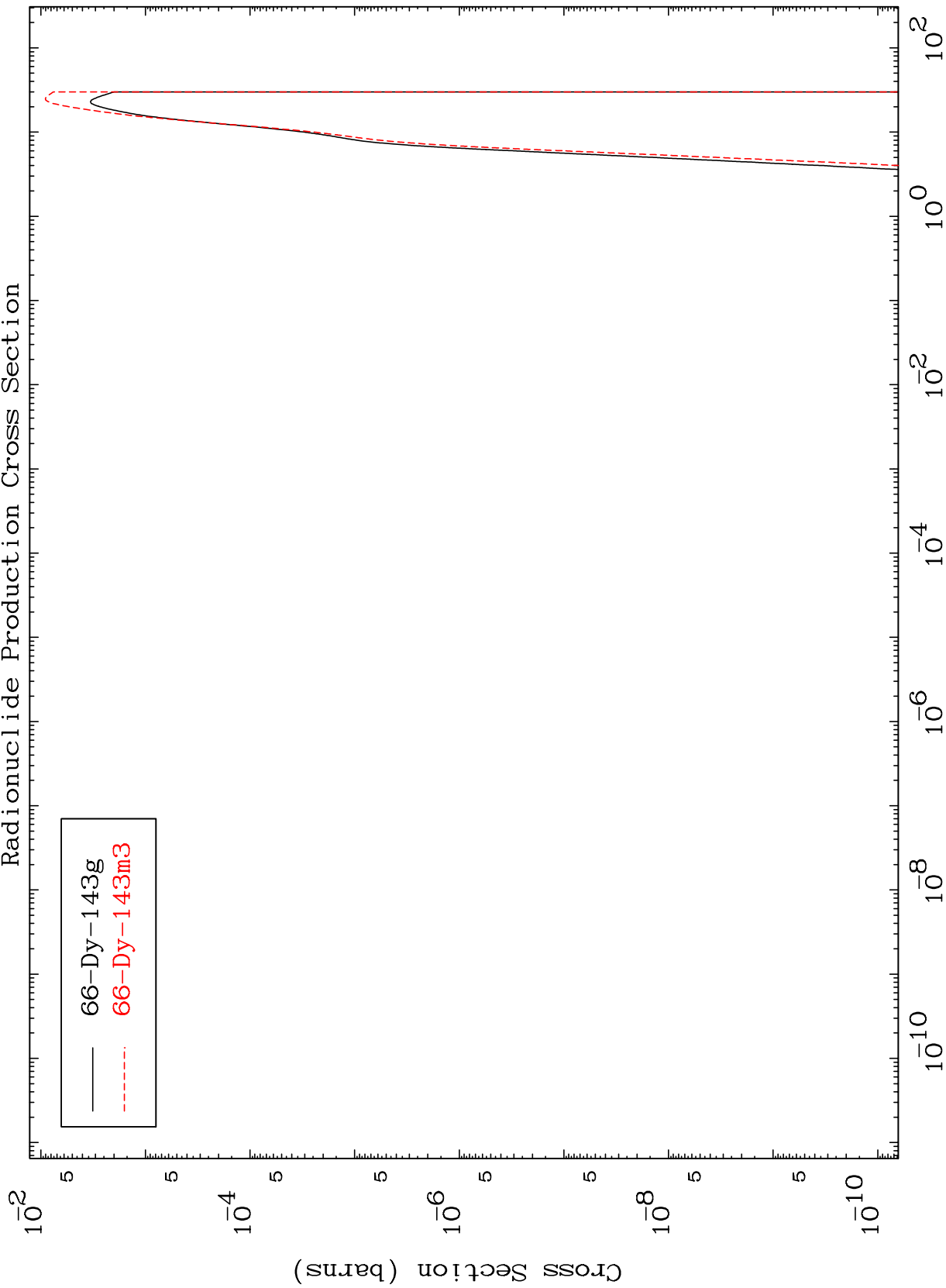


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$(n, n') \alpha$

68-Er-147

Radionuclide Production Cross Section

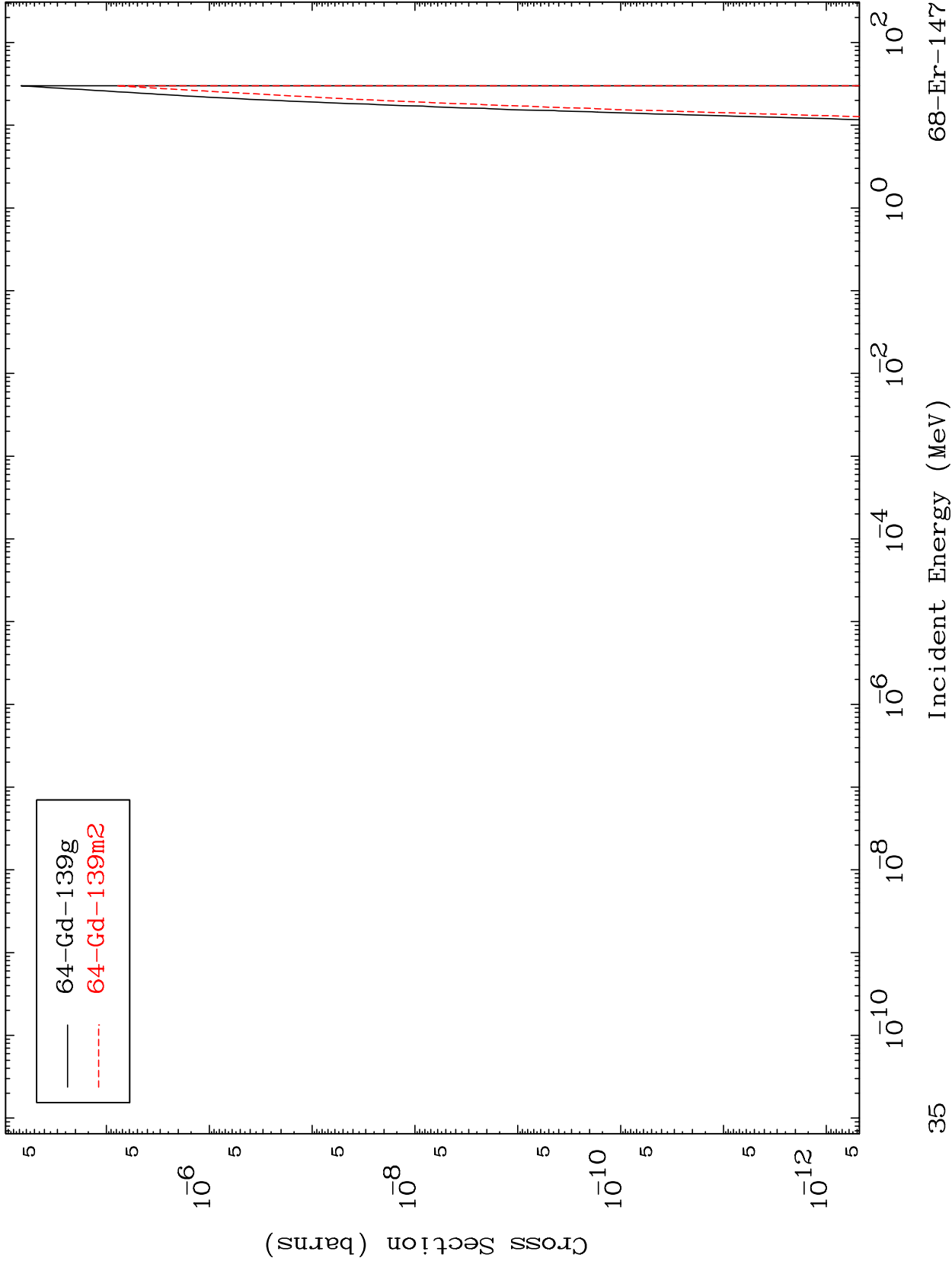


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(n,n') 2α

68-Er-147

Radionuclide Production Cross Section

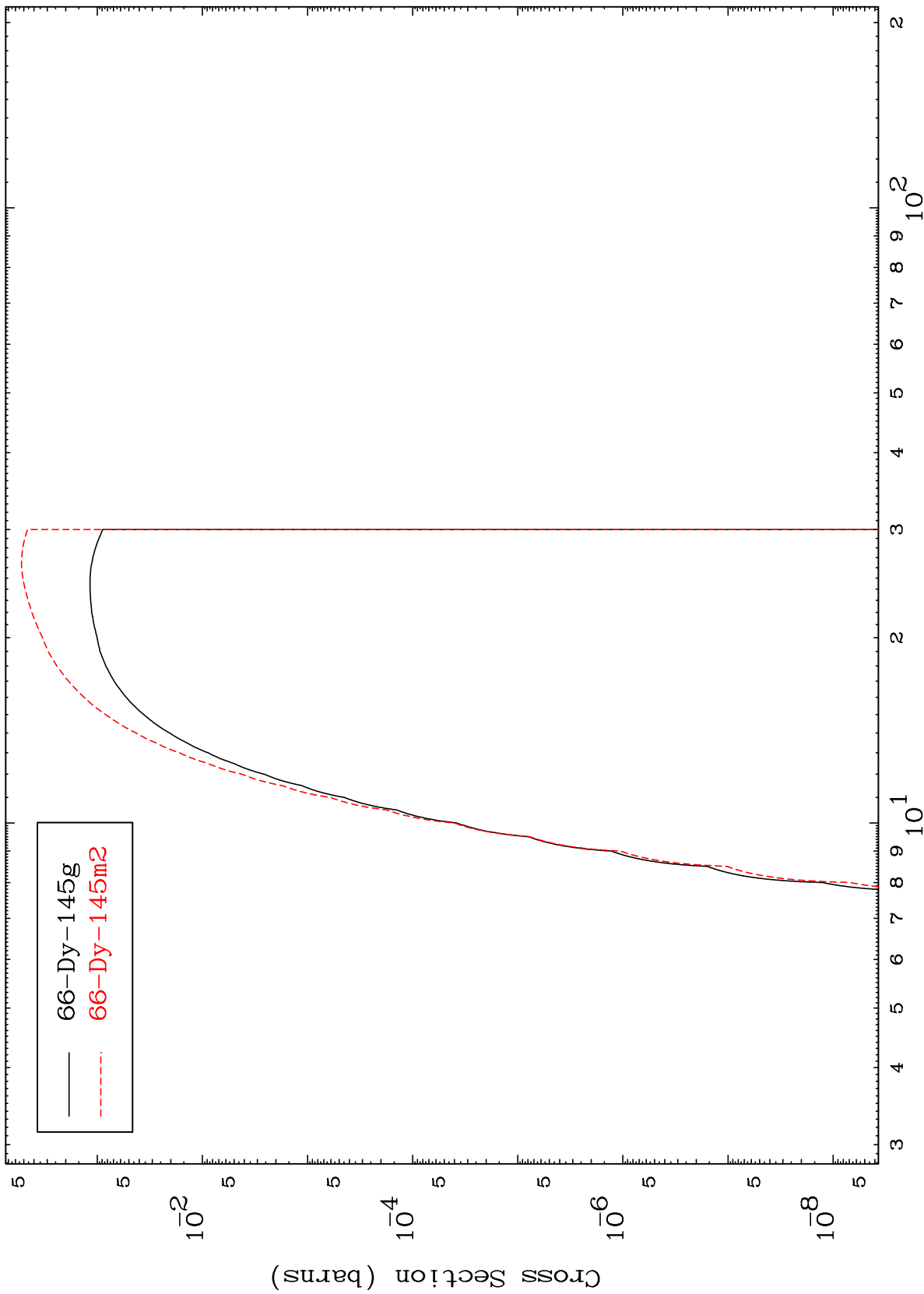


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68-Er-147

(n,2n) p

Radionuclide Production Cross Section



66-Dy-145g  
66-Dy-145m2

68-Er-147

Incident Energy (MeV)

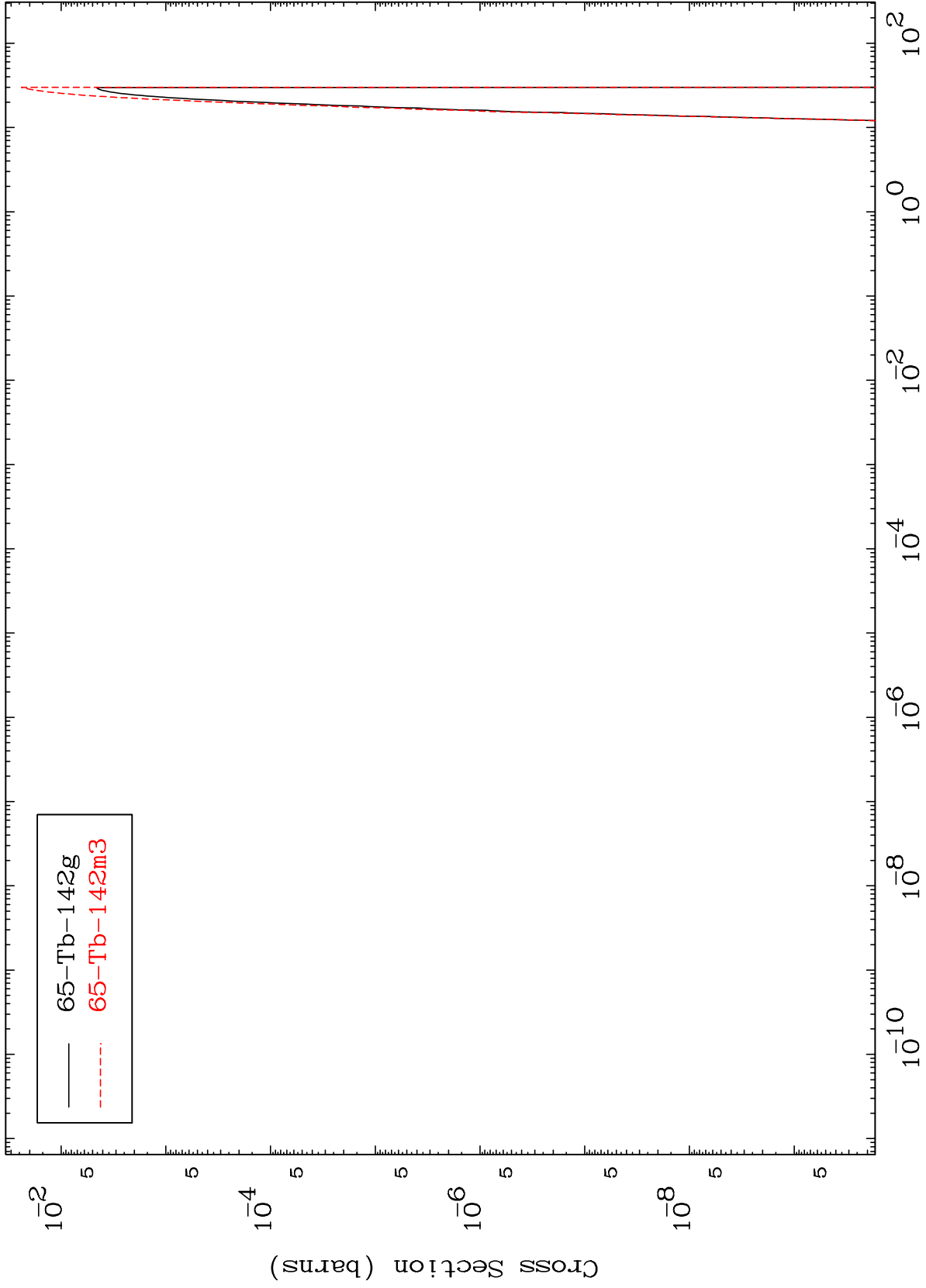
36

MAT 6780

(n,n') p  $\alpha$

68-Er-147

Radionuclide Production Cross Section



65-Tb-142g  
65-Tb-142m3

Incident Energy (MeV)

68-Er-147

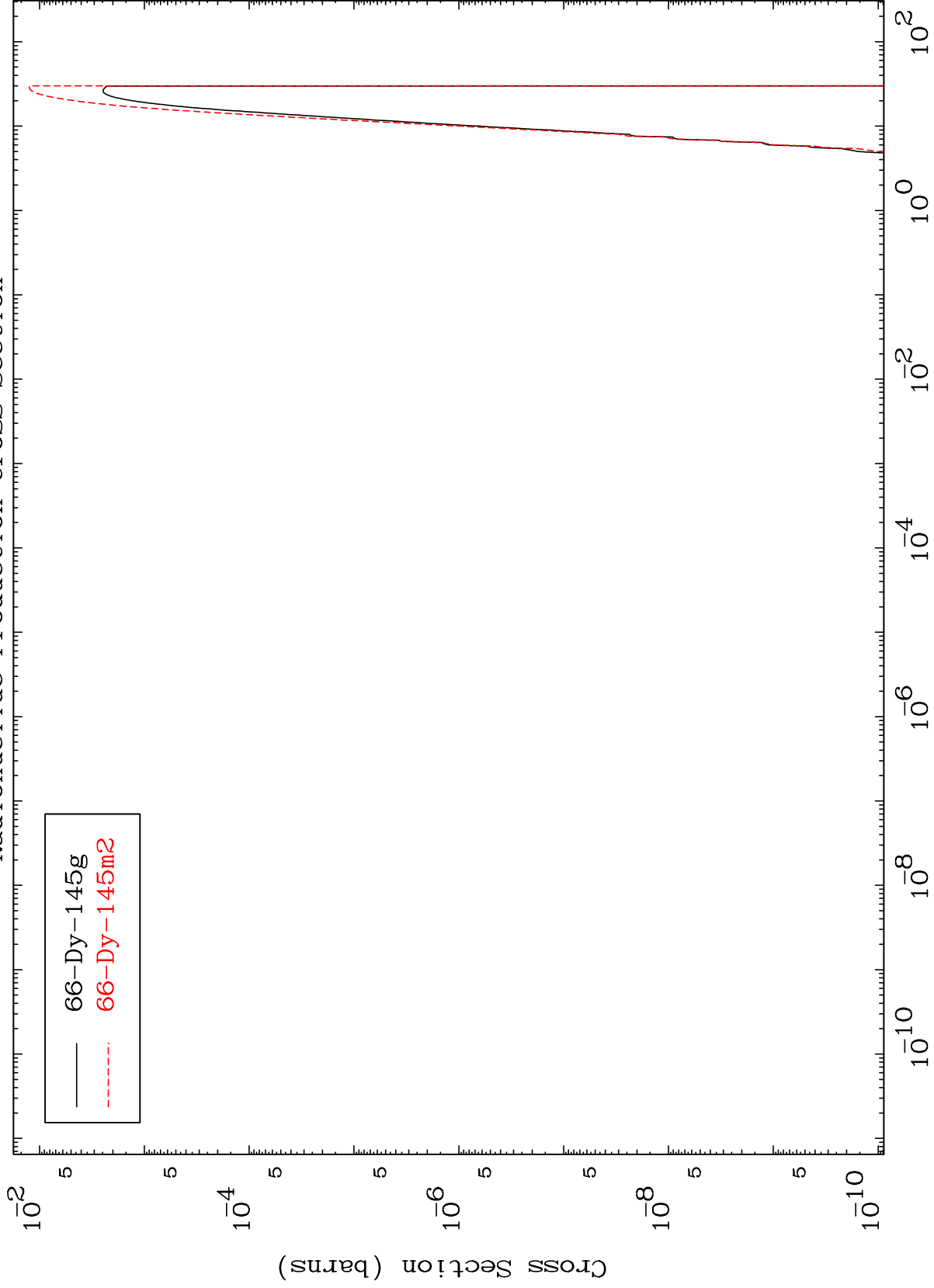
37

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(n,He-3)

68-Er-147

Radionuclide Production Cross Section



38

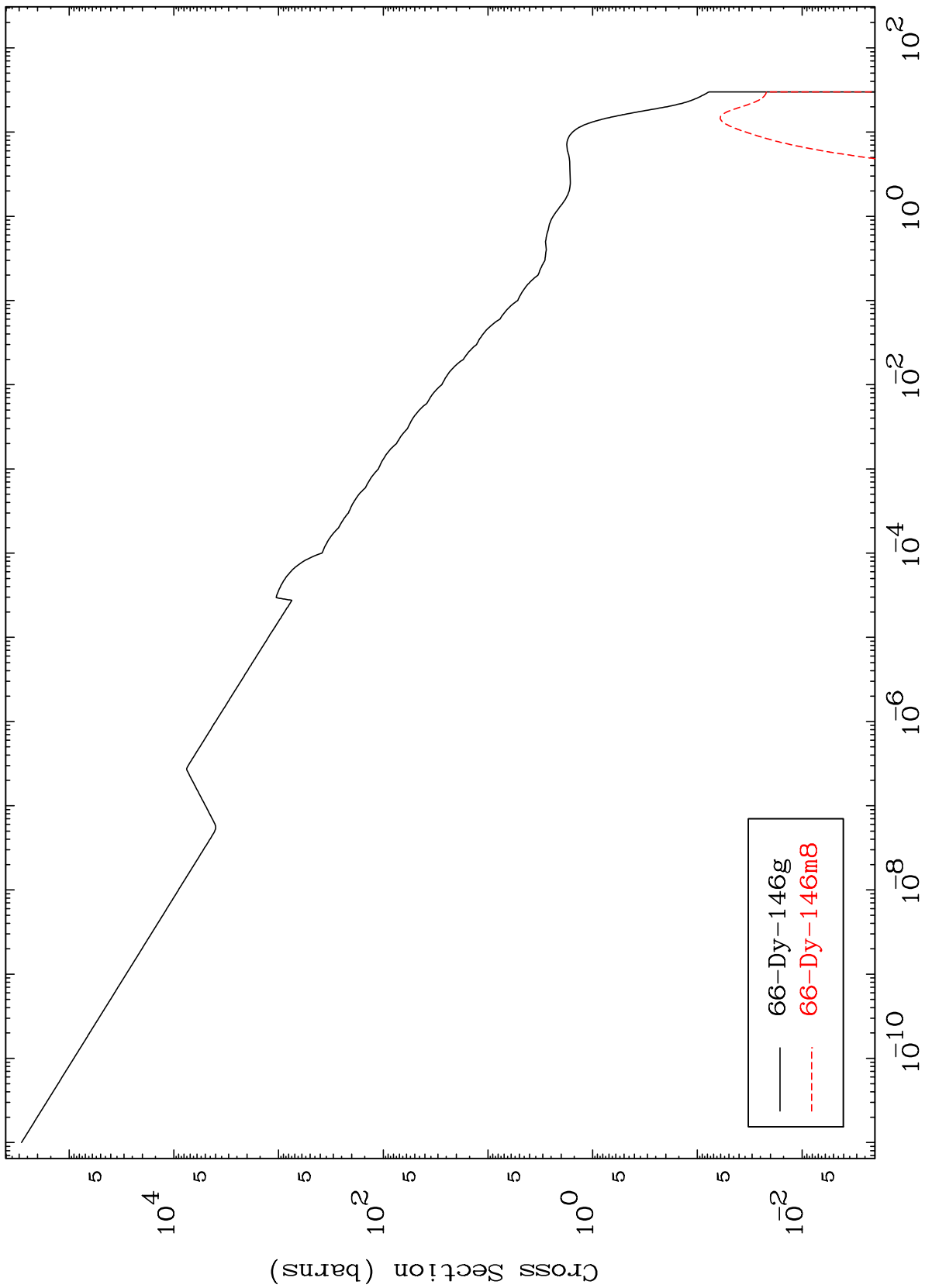
Incident Energy (MeV)

68-Er-147

MAT 6780

68-Er-147

(n,2p)  
Radionuclide Production Cross Section



68-Er-147

Incident Energy (MeV)

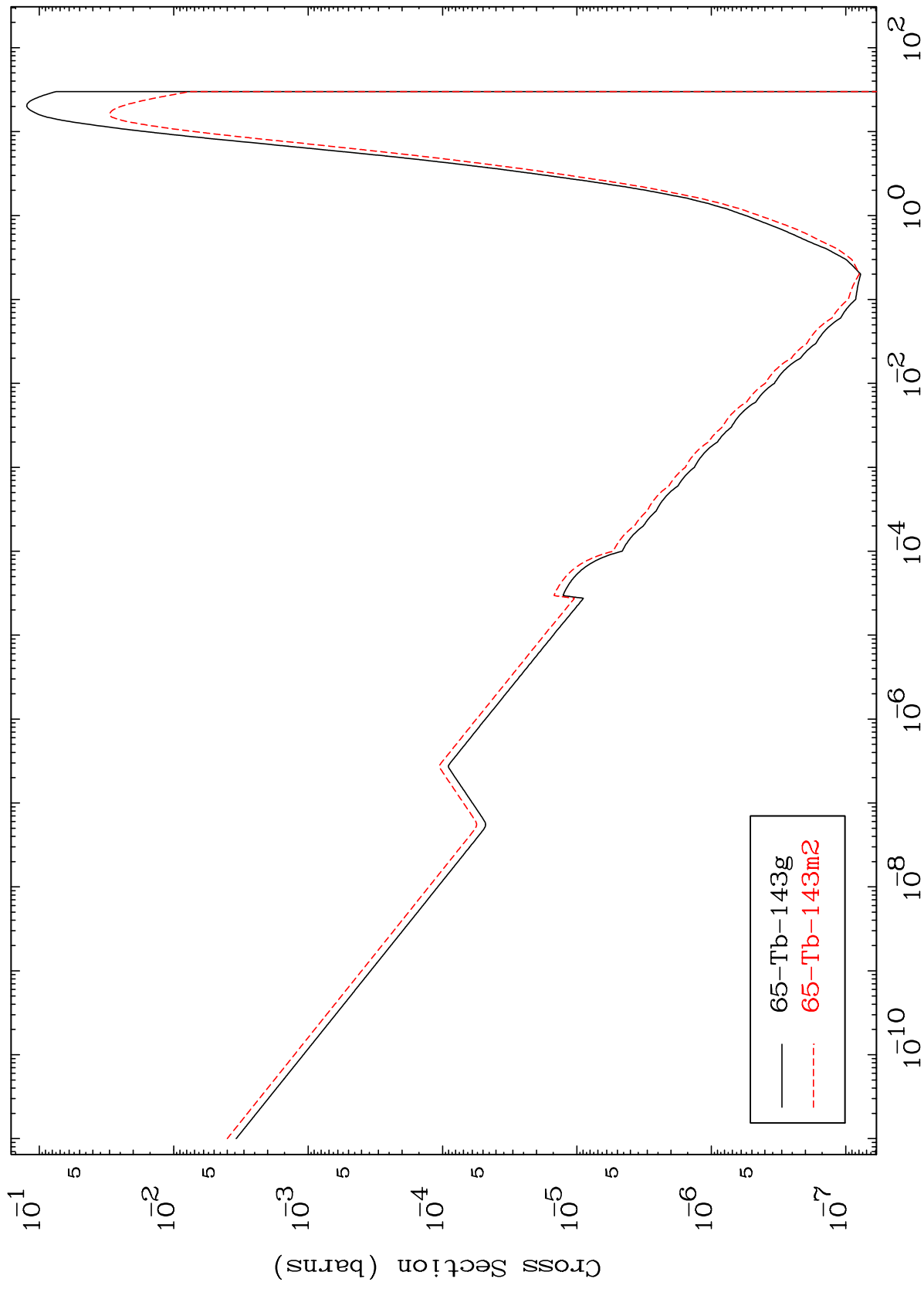
39

MAT 6780

(n,p)  $\alpha$

68-Er-147

Radionuclide Production Cross Section



40

Incident Energy (MeV)

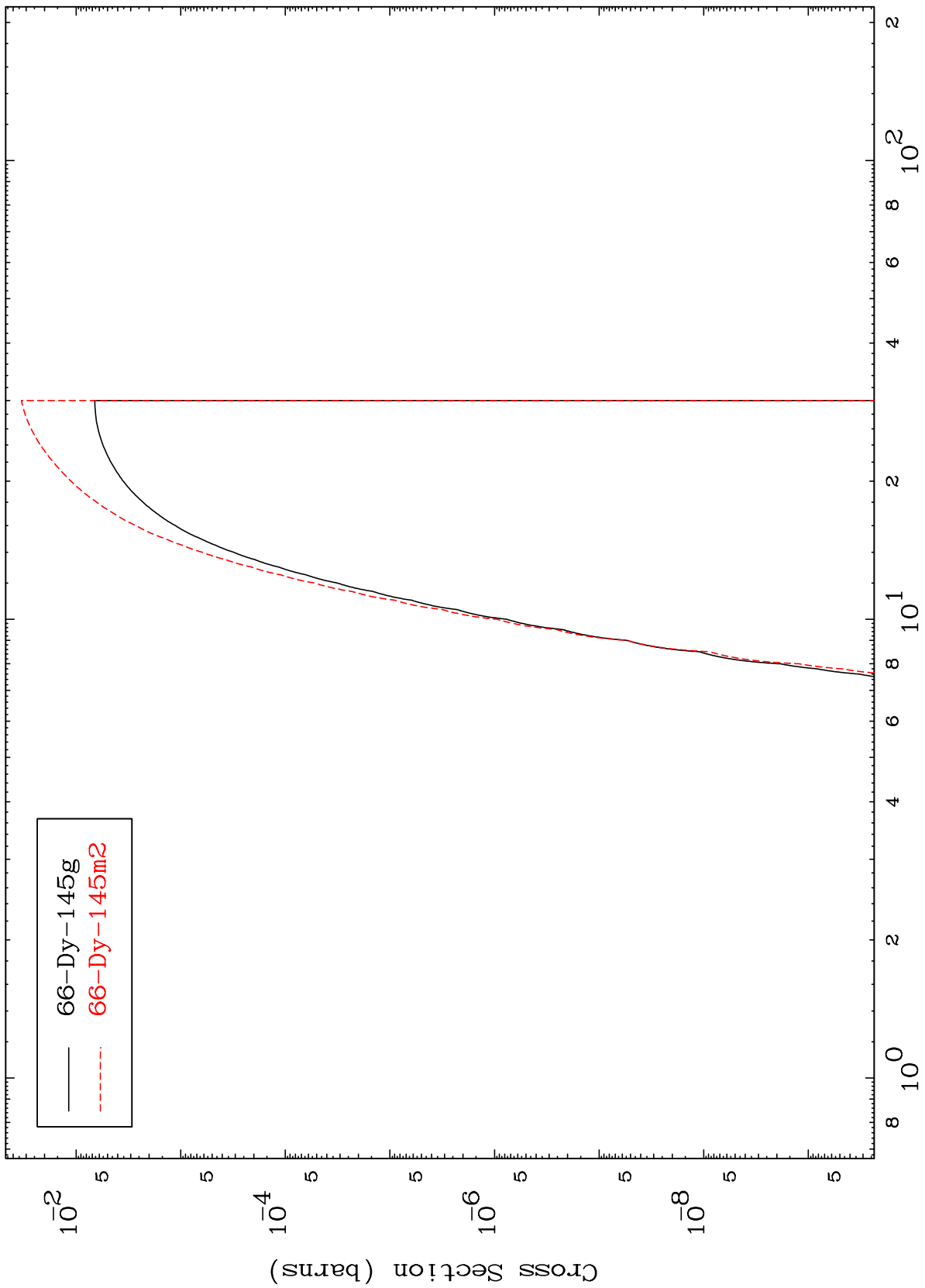
68-Er-147

MAT 6780

(n,p) d

68-Er-147

Radionuclide Production Cross Section



41

Incident Energy (MeV)

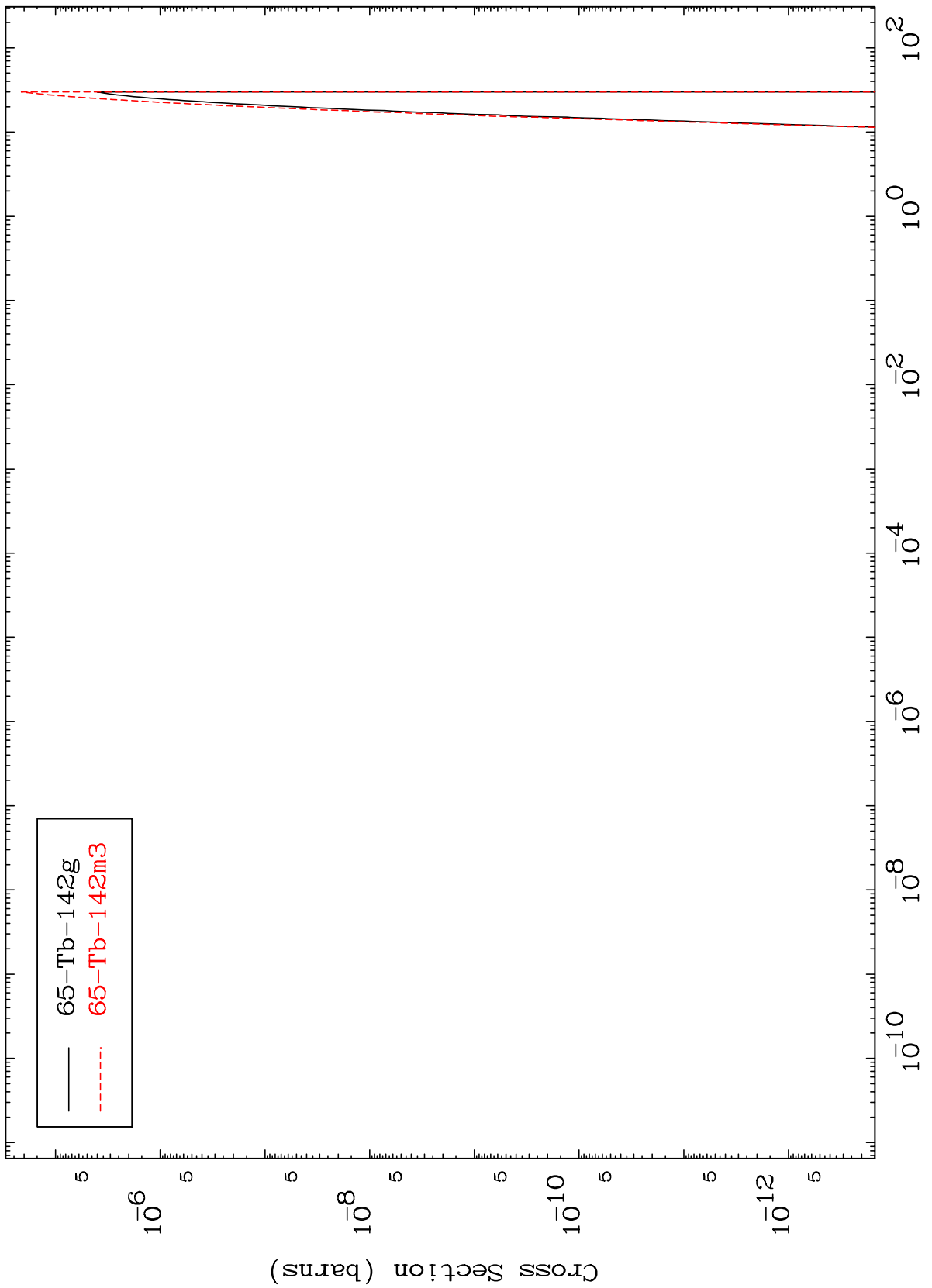
68-Er-147

MAT 6780

(n,d)  $\alpha$

68-Er-147

Radionuclide Production Cross Section



65-Tb-142g  
65-Tb-142m3