

Program EVALPLOT  
(Version 2015-2)

by

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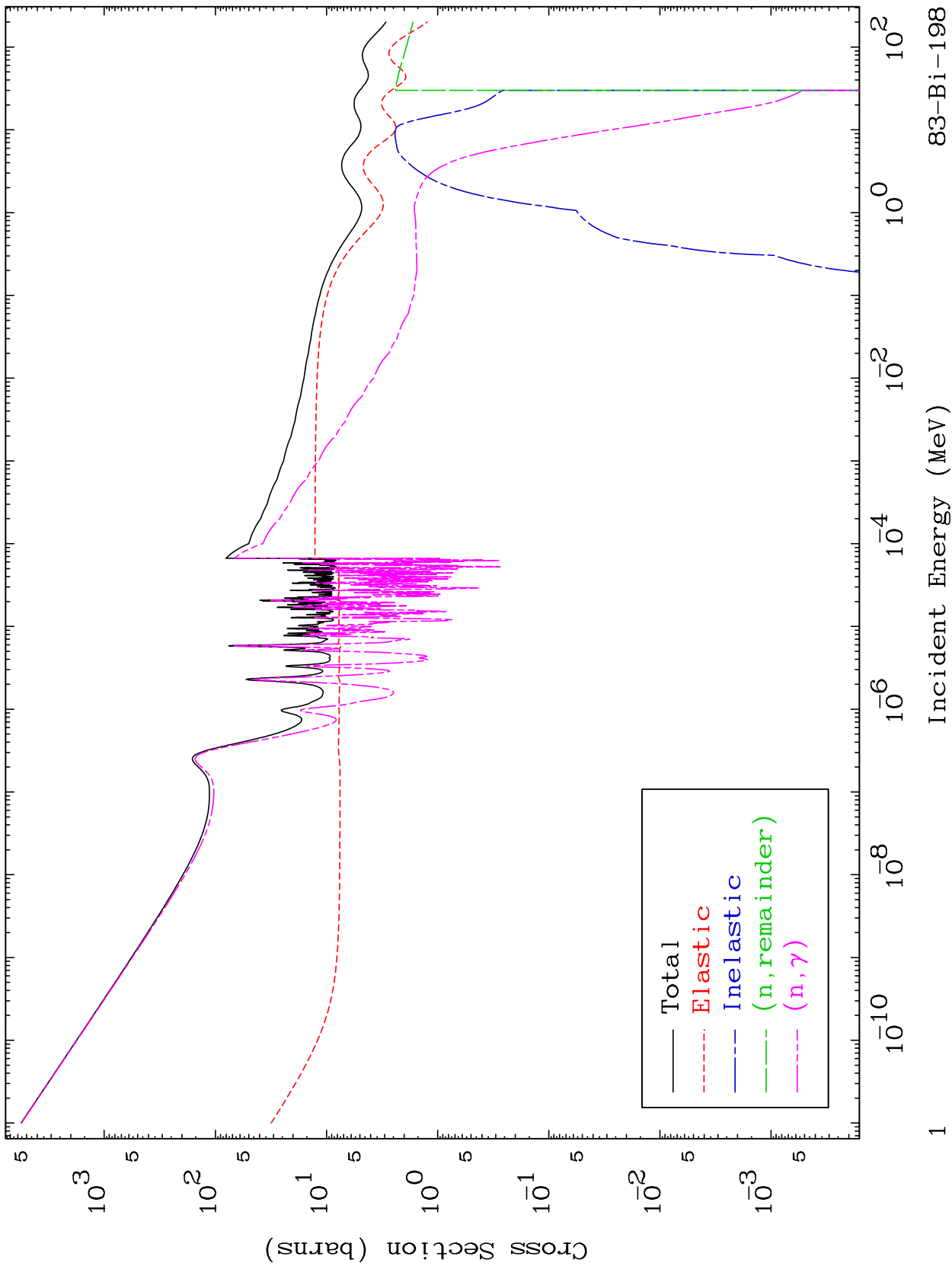
Press Mouse Button to Start

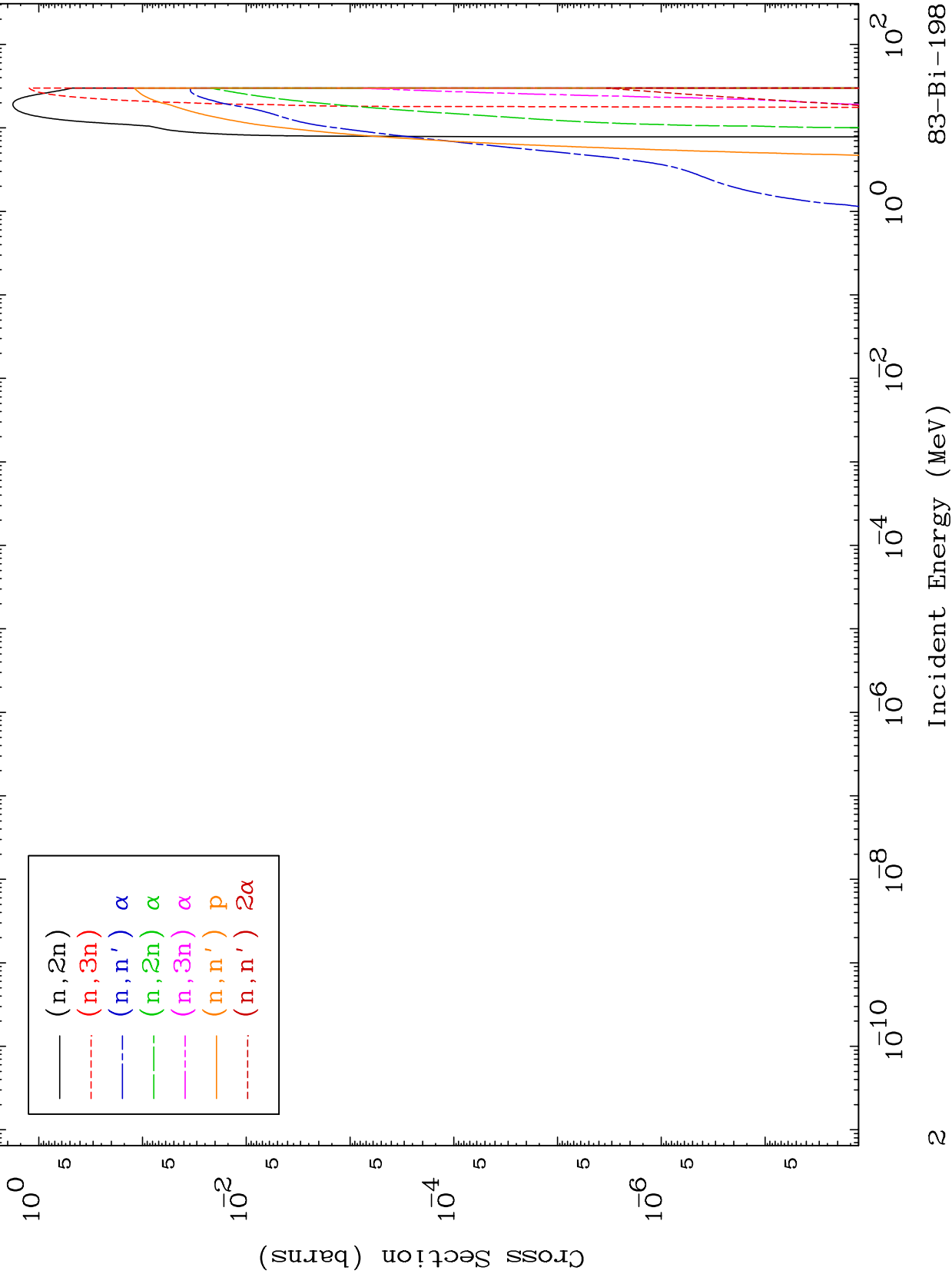
MAT 8292

Major

293 Kelvin Cross Sections

83-Bi-198

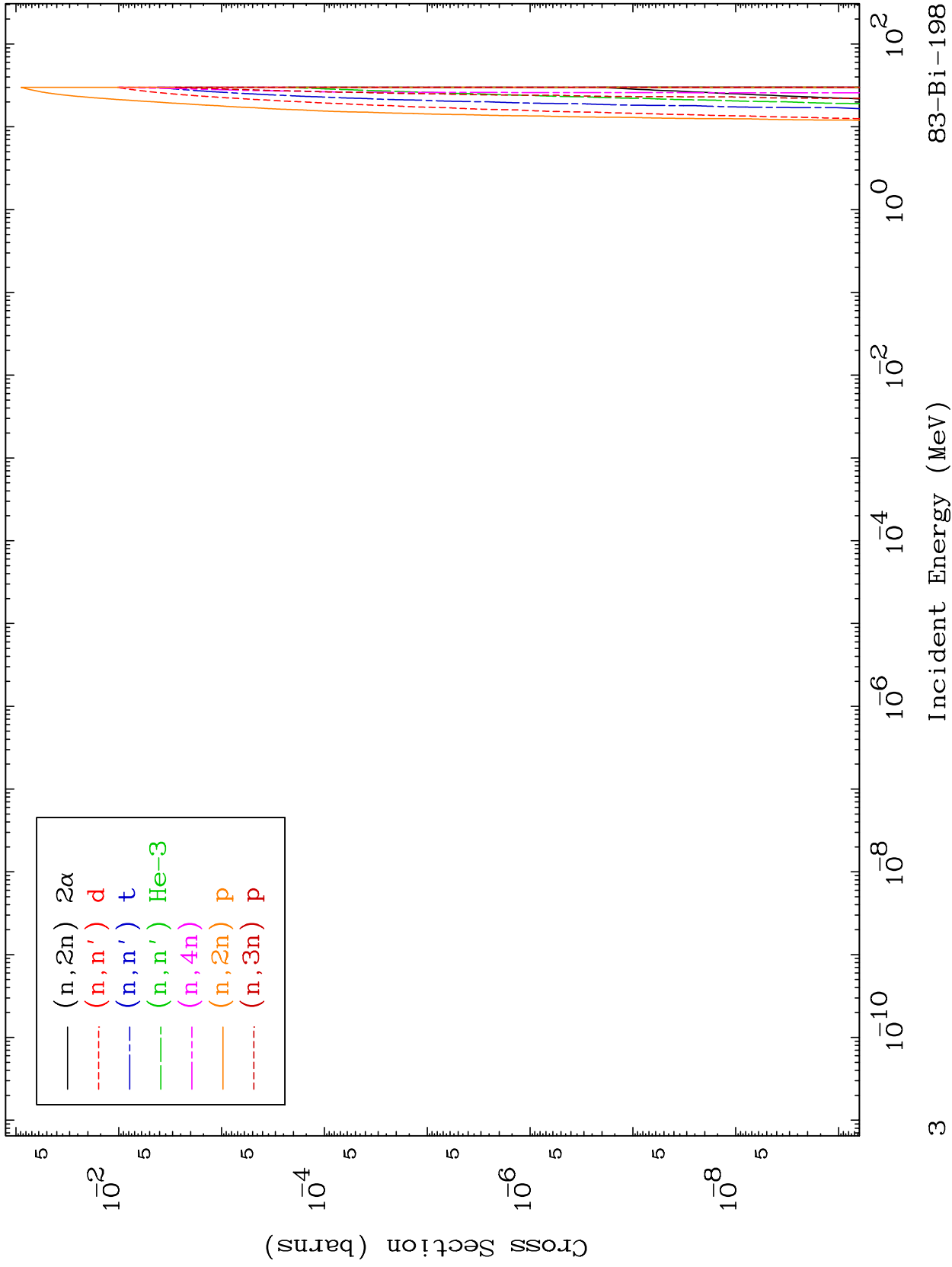




MAT 8292

Neutron Production  
293 Kelvin Cross Sections

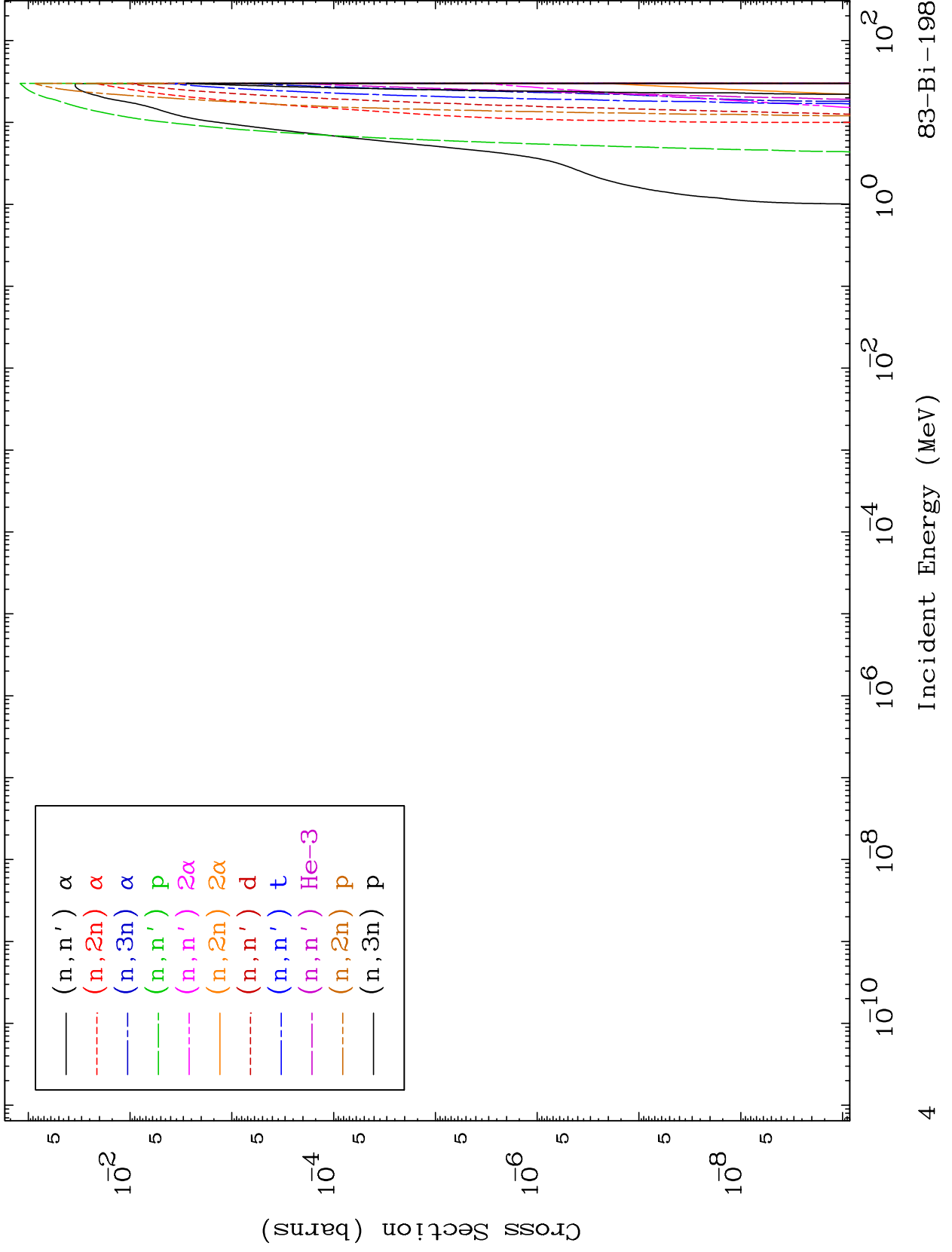
83-Bi-198

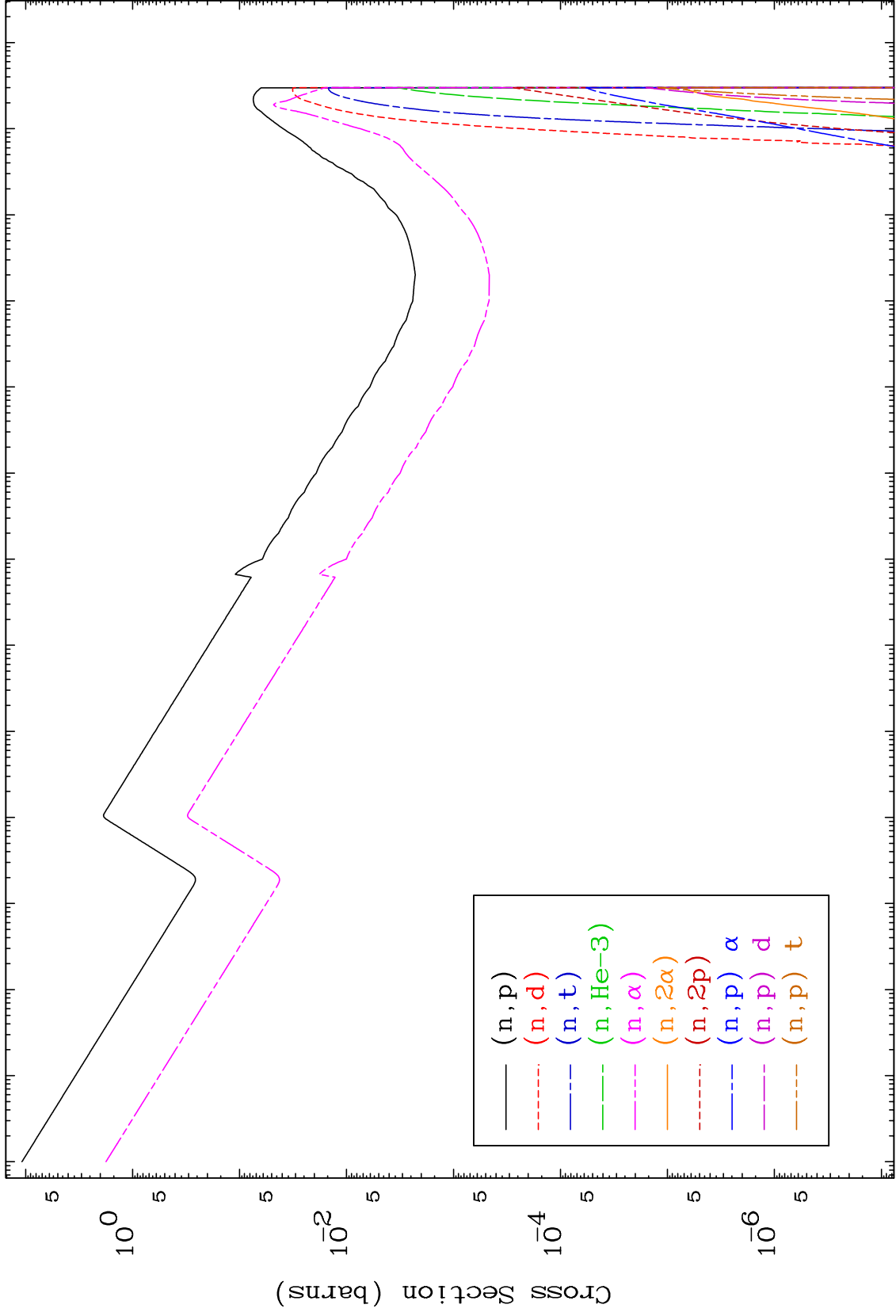


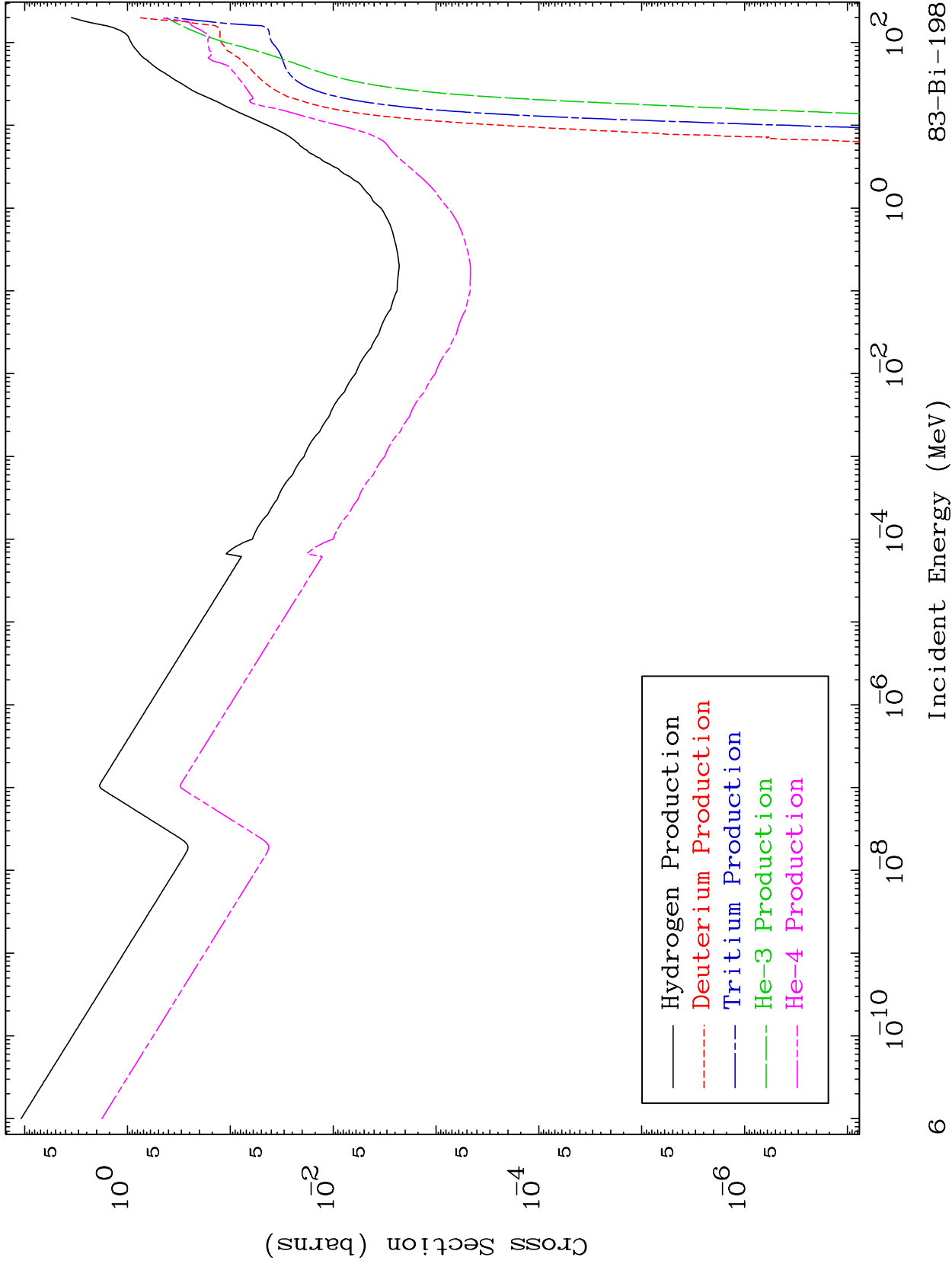
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Charged Particle  
293 Kelvin Cross Sections

83-Bi-198





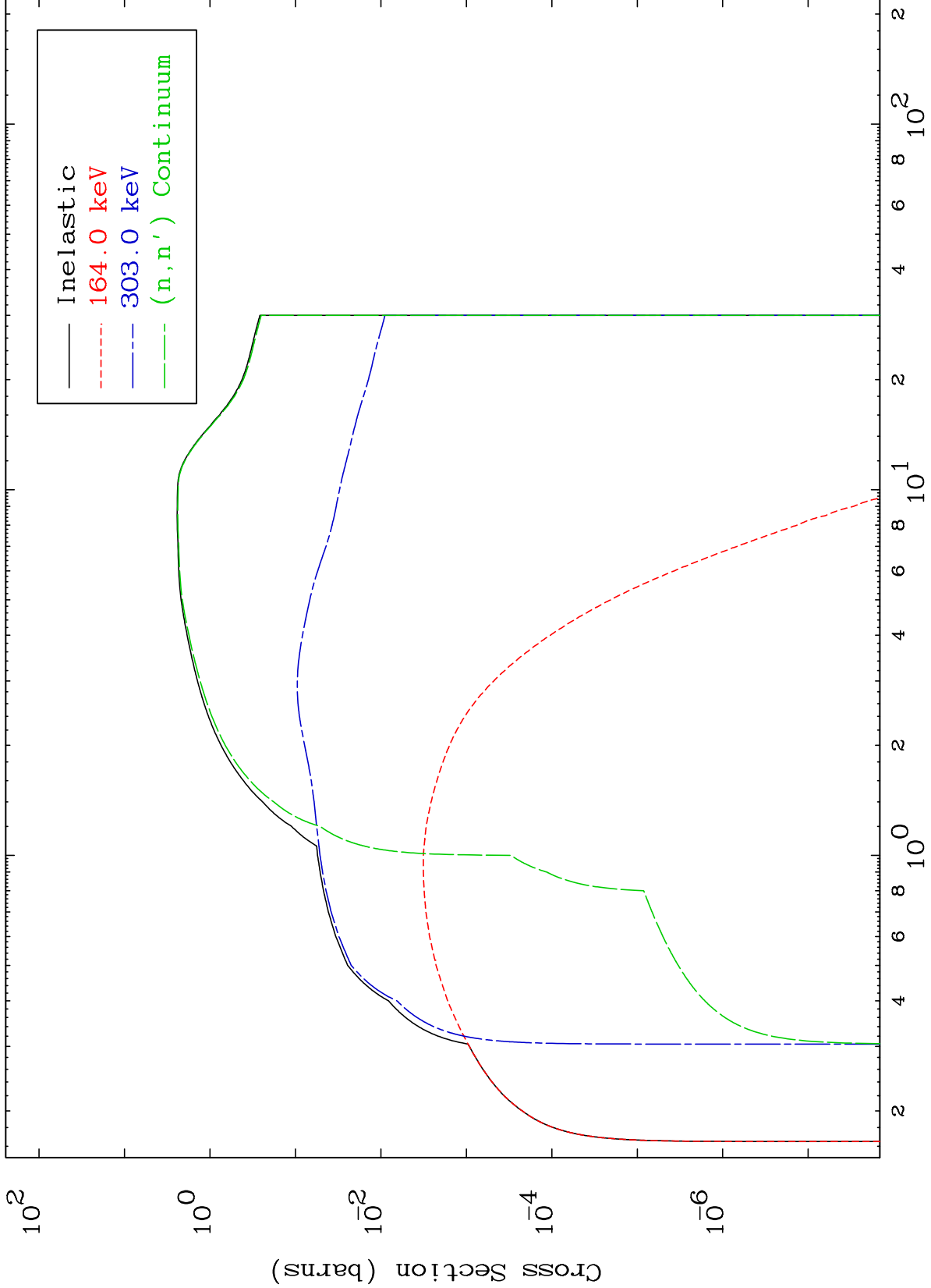


MAT 8292

(n,n') Level

83-Bi-198

293 Kelvin Cross Sections

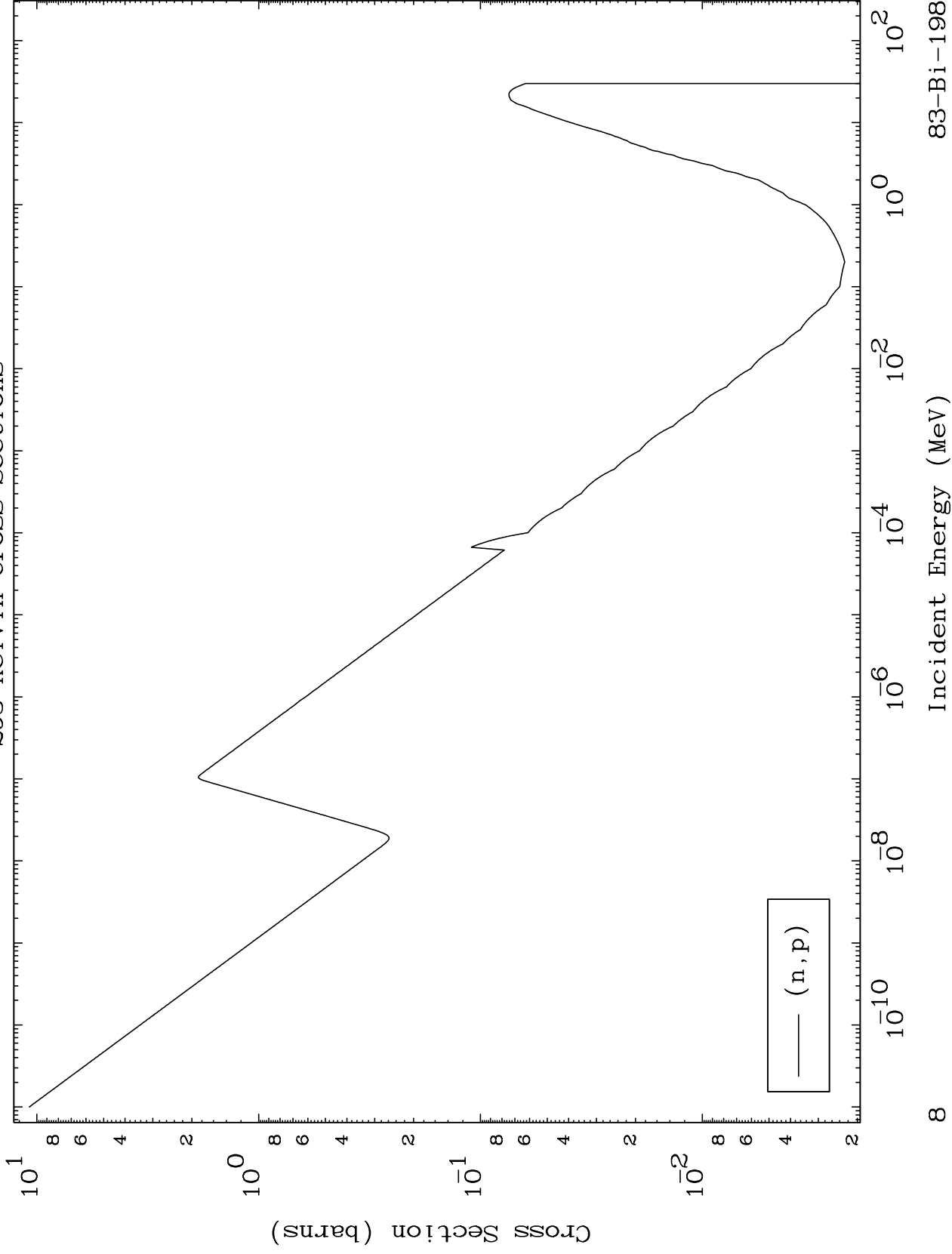




MAT 8292

(n,p) Levels  
293 Kelvin Cross Sections

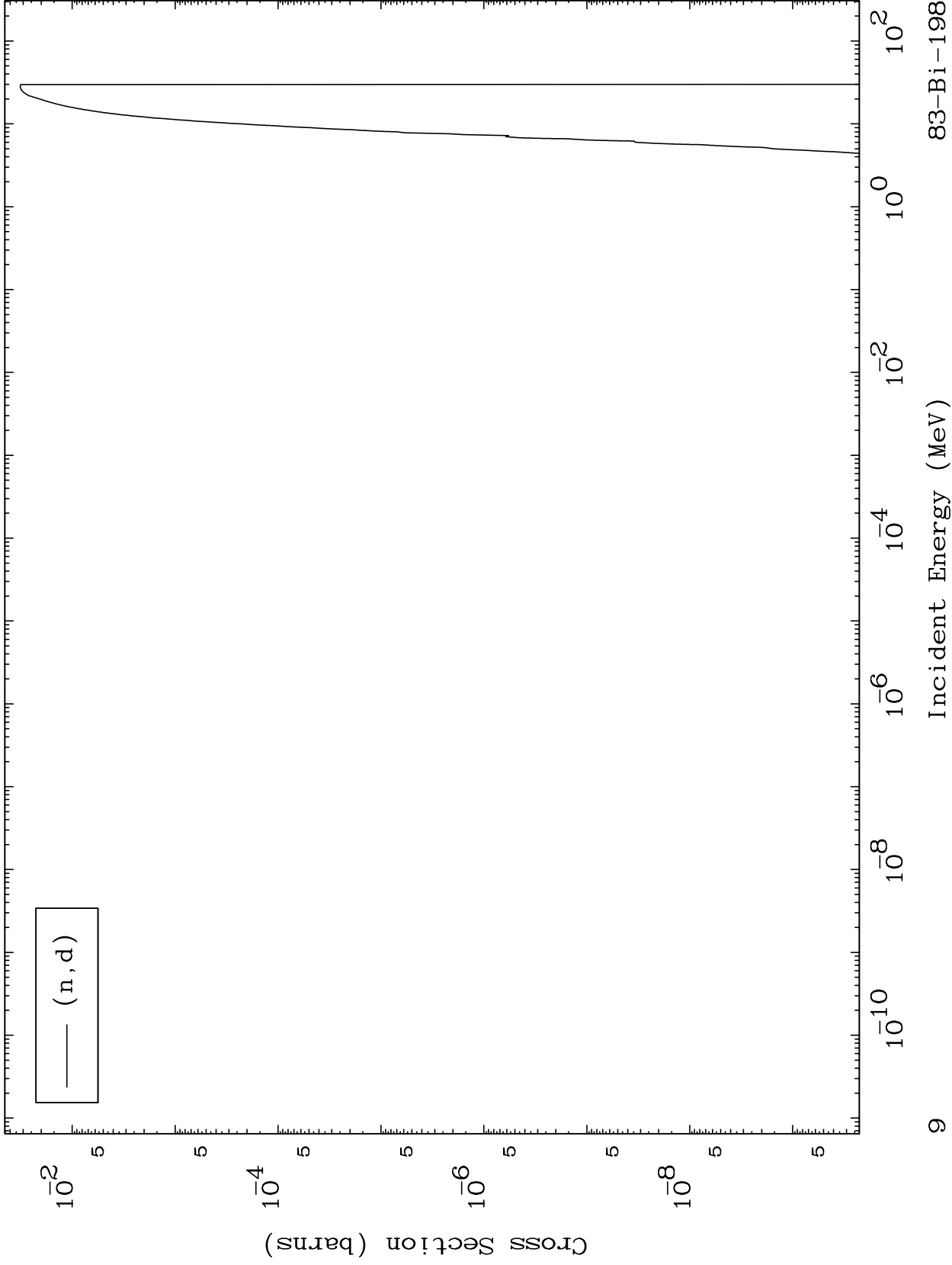
83-Bi-198



MAT 8292

(n,d) Levels  
293 Kelvin Cross Sections

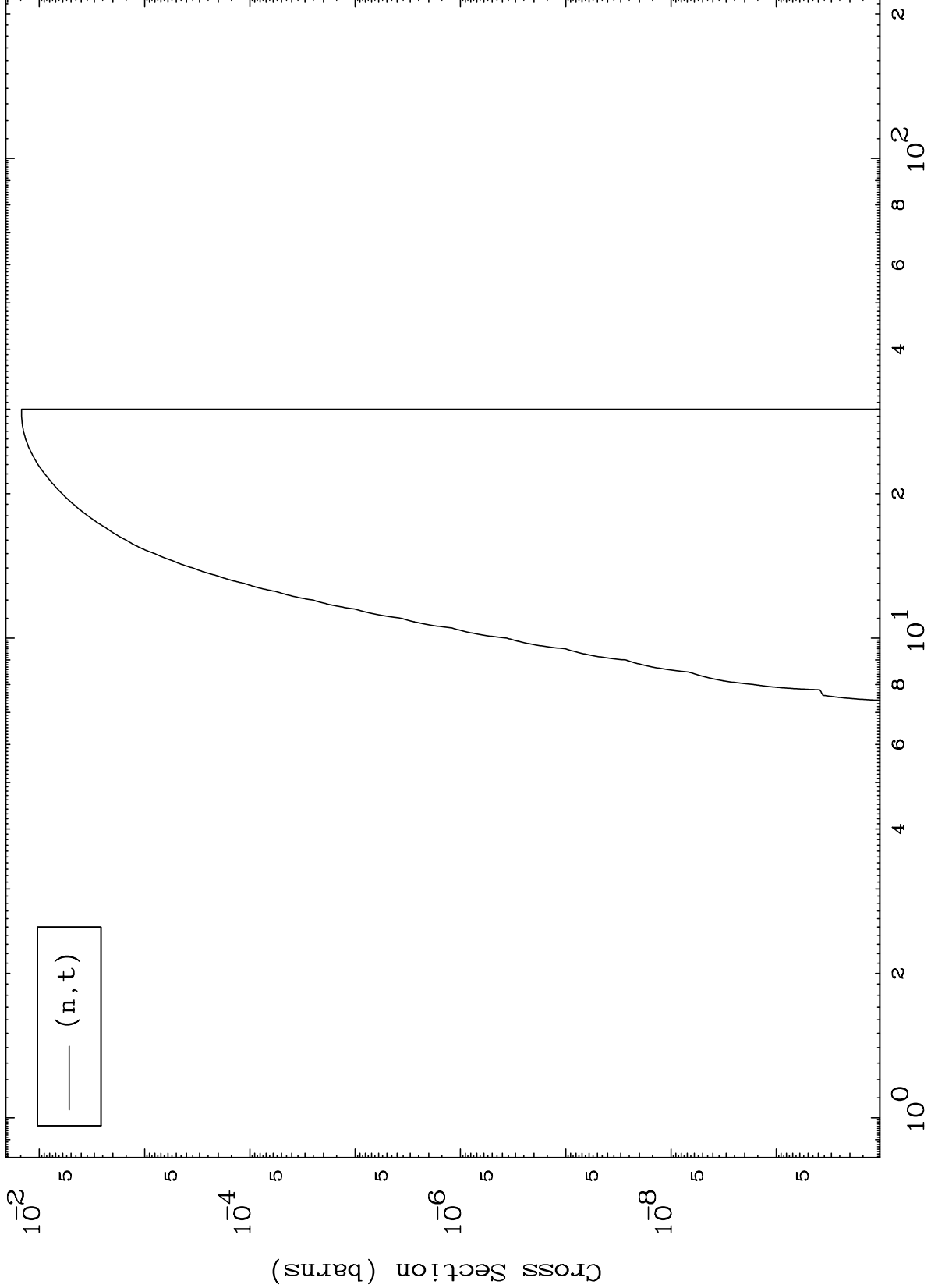
83-Bi-198



MAT 8292

(n,t) Levels  
293 Kelvin Cross Sections

83-Bi-198



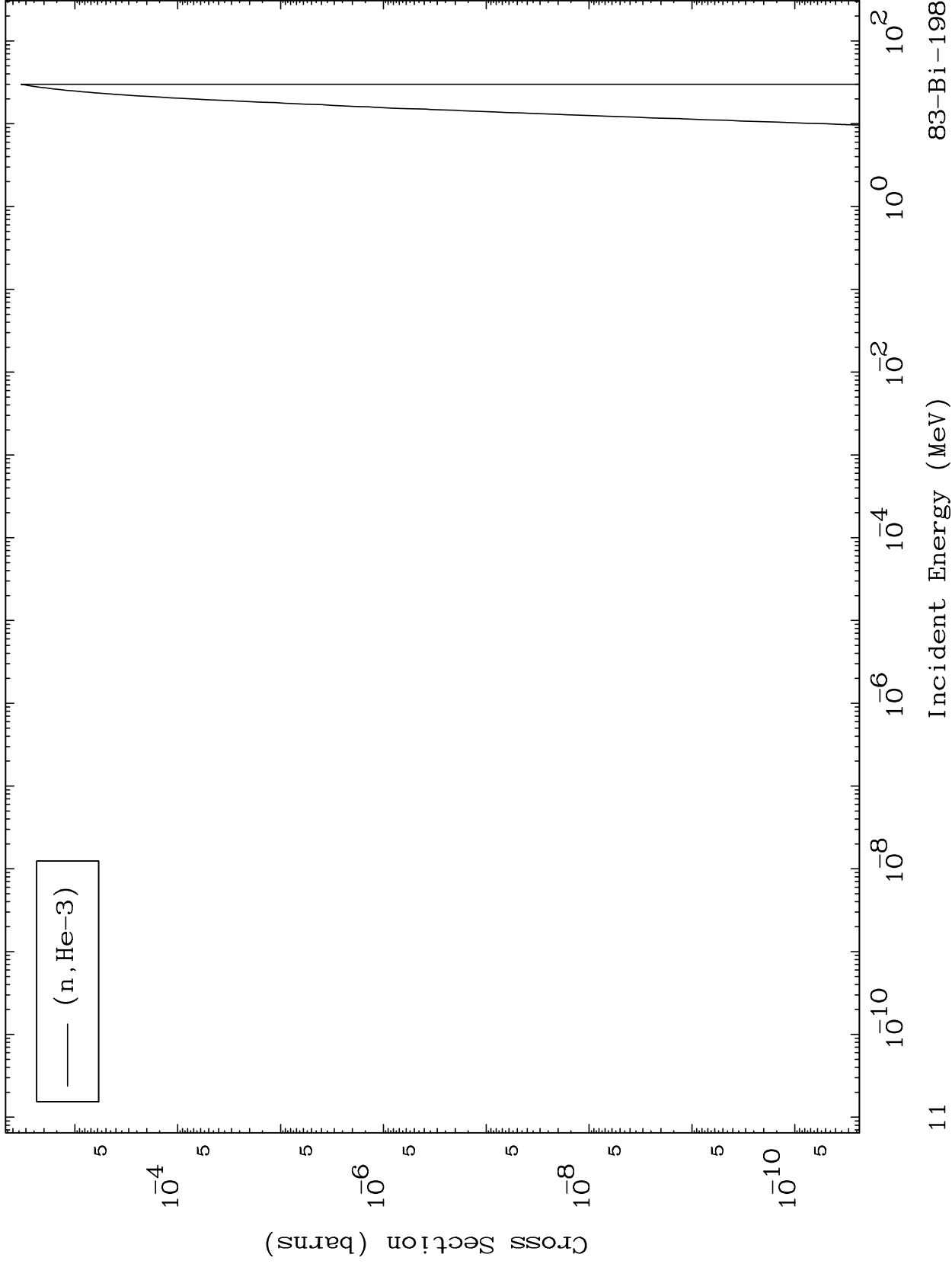
Incident Energy (MeV)

83-Bi-198

MAT 8292

(n,He3) Levels  
293 Kelvin Cross Sections

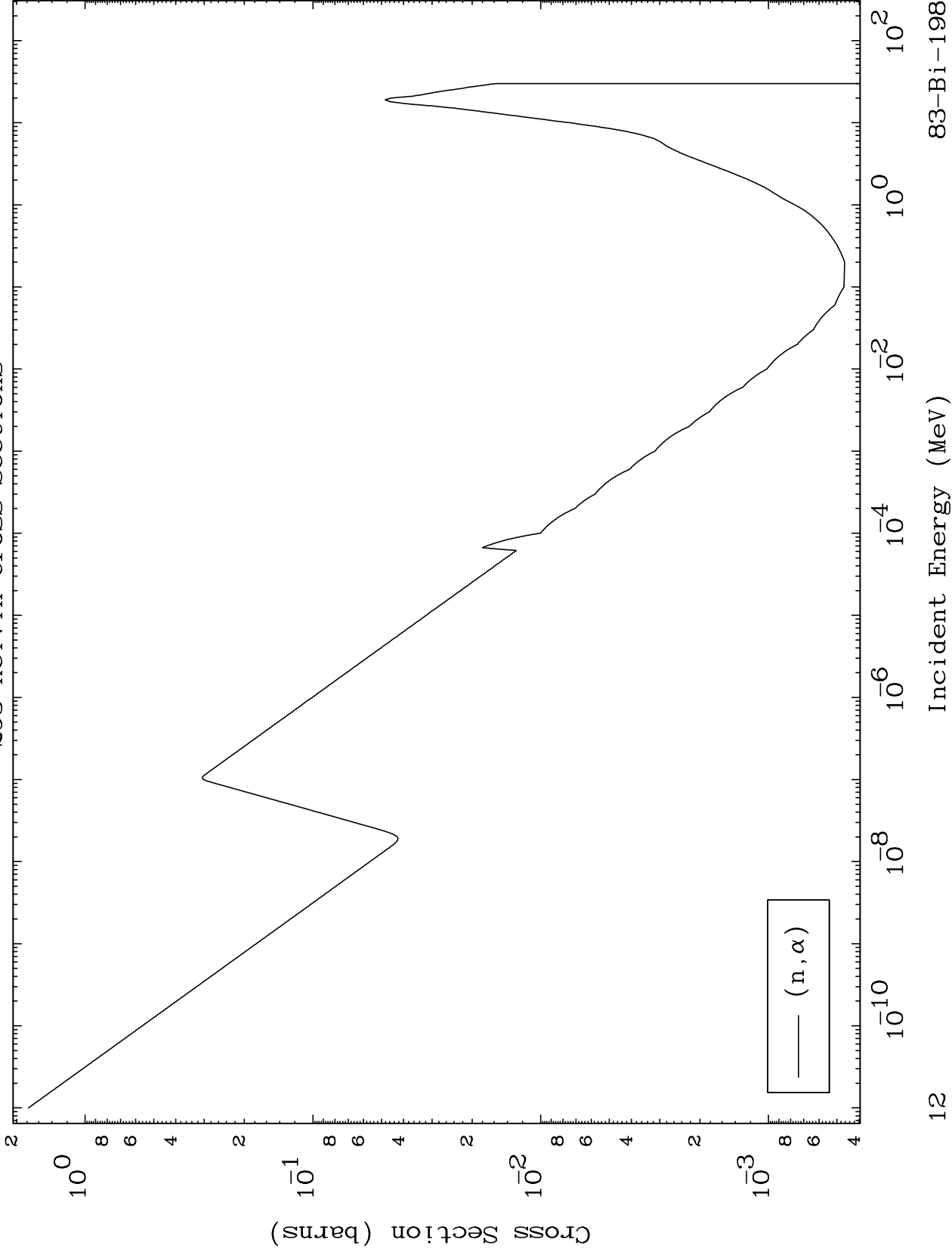
83-Bi-198

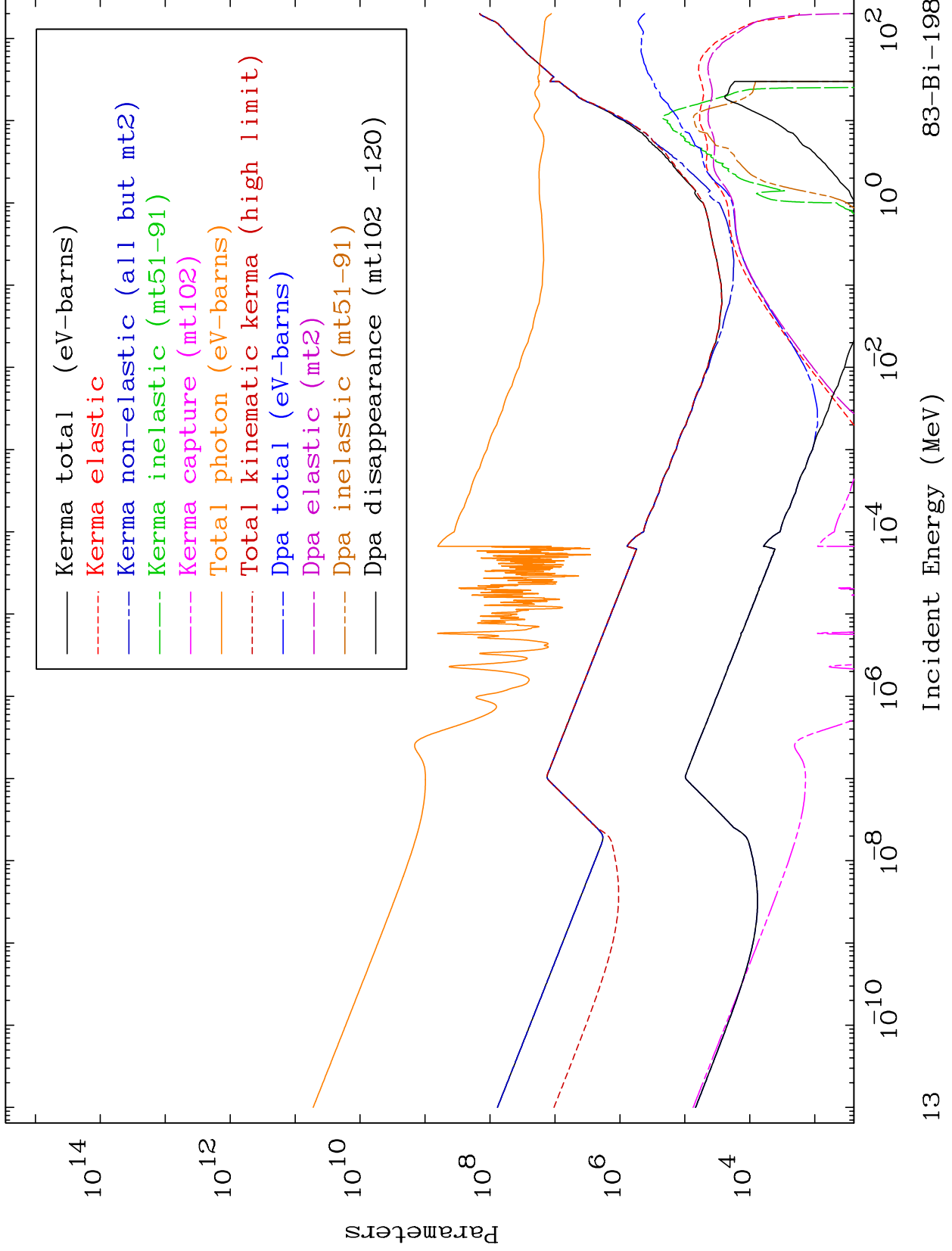


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(n,α) Levels  
293 Kelvin Cross Sections

83-Bi-198

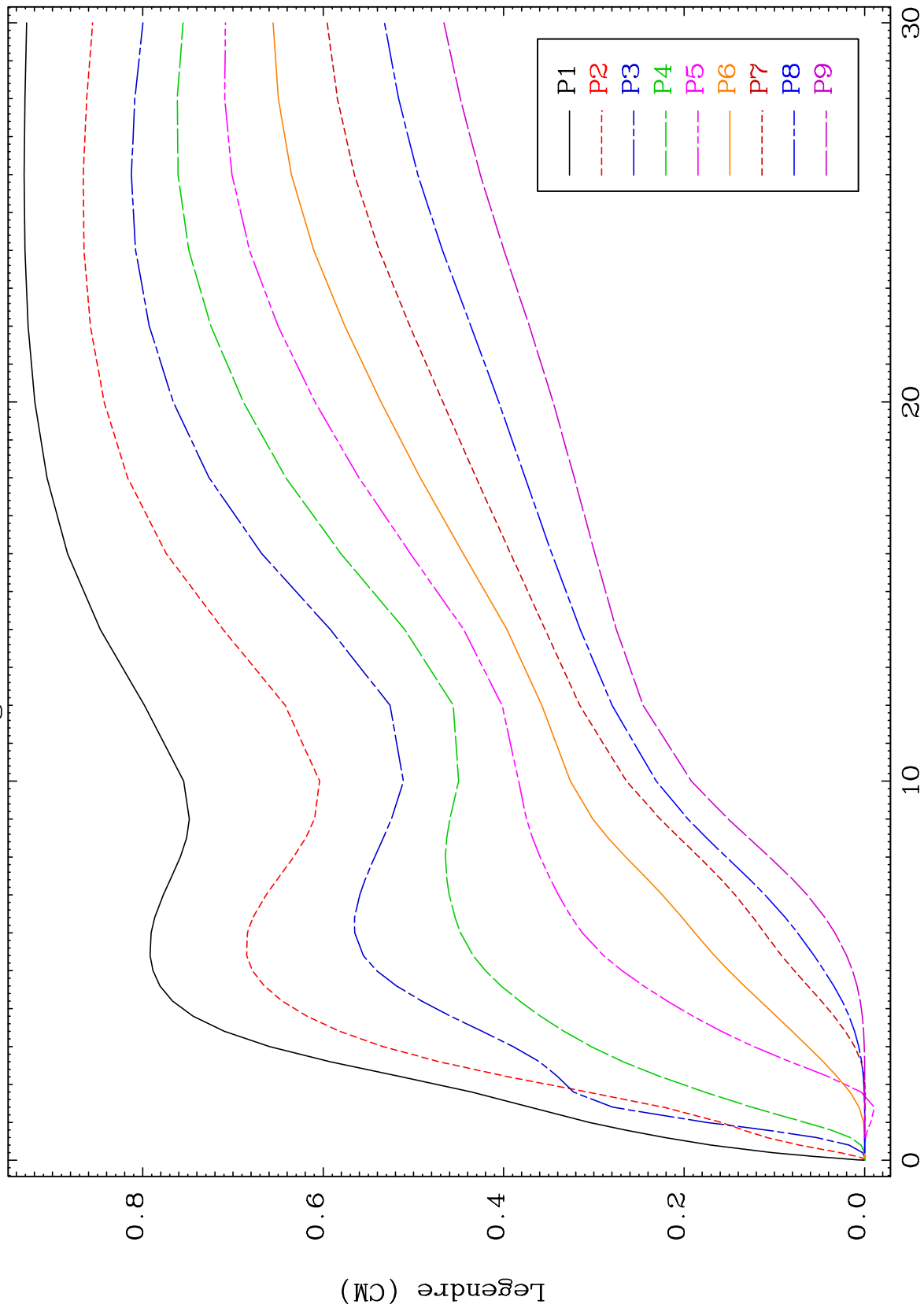




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83-Bi-198

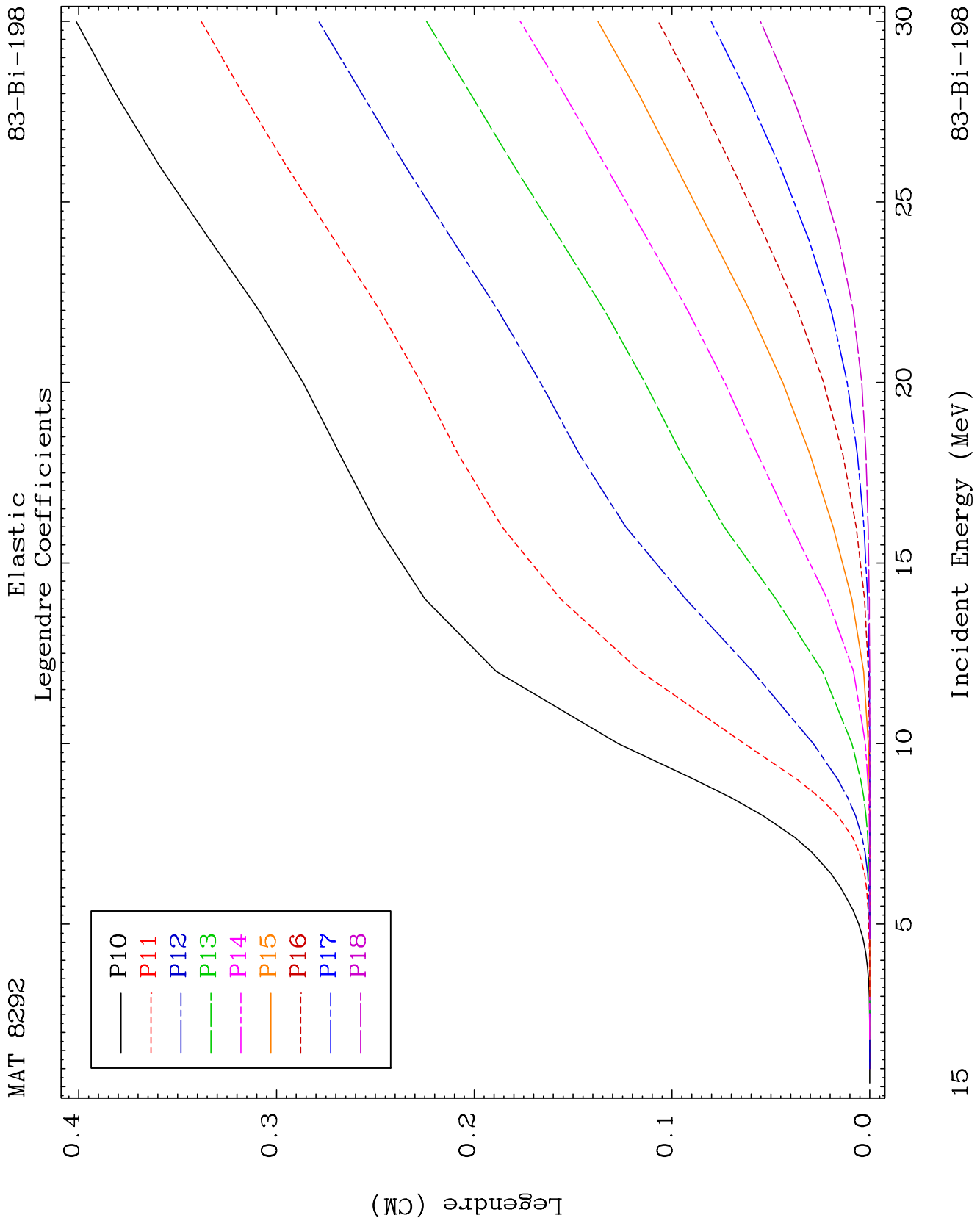
Elastic Legendre Coefficients



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Incident Energy (MeV)

83-Bi-198

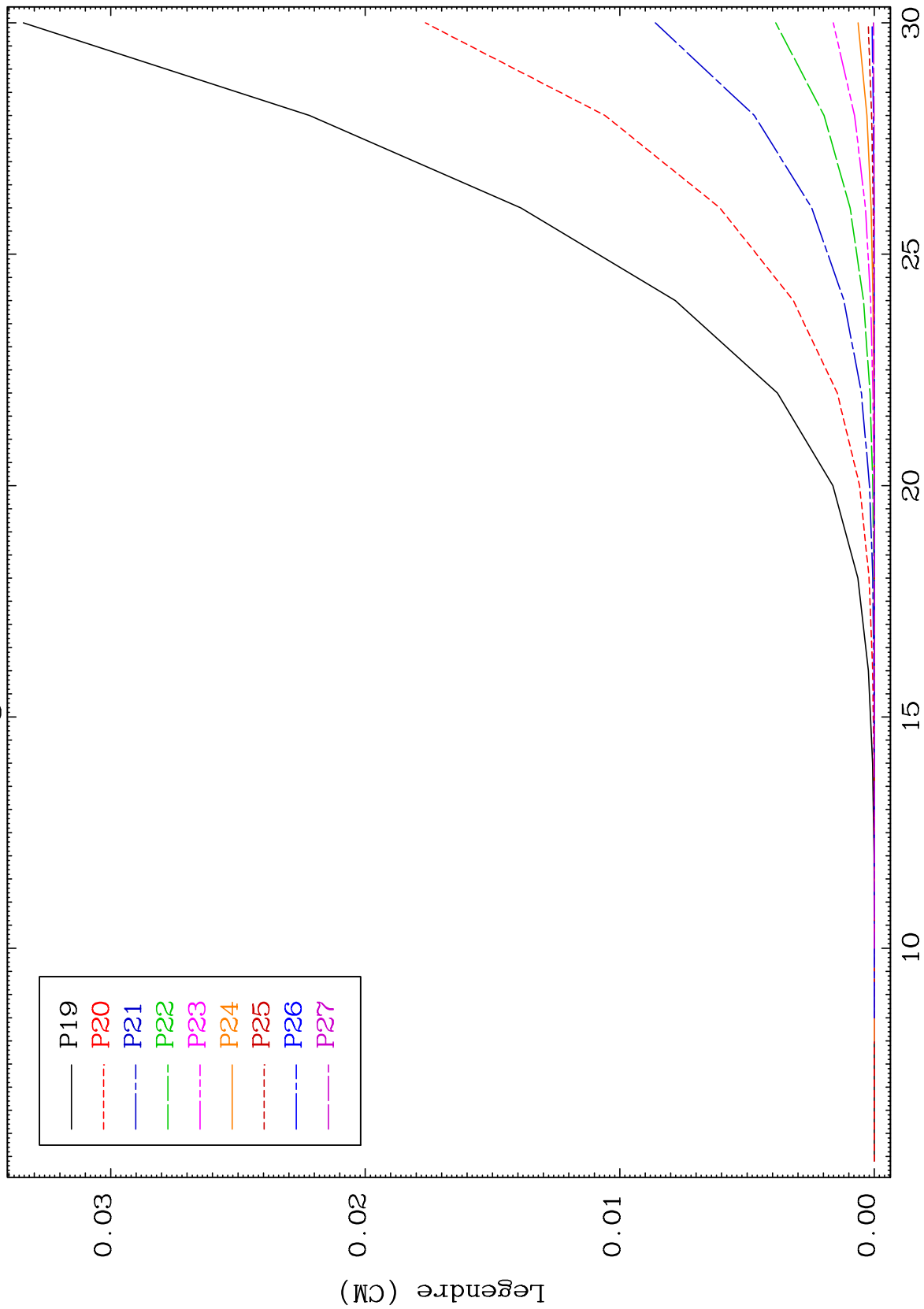




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### Elastic Legendre Coefficients

83-Bi-198



16

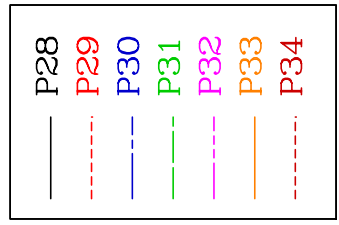
Incident Energy (MeV)

83-Bi-198

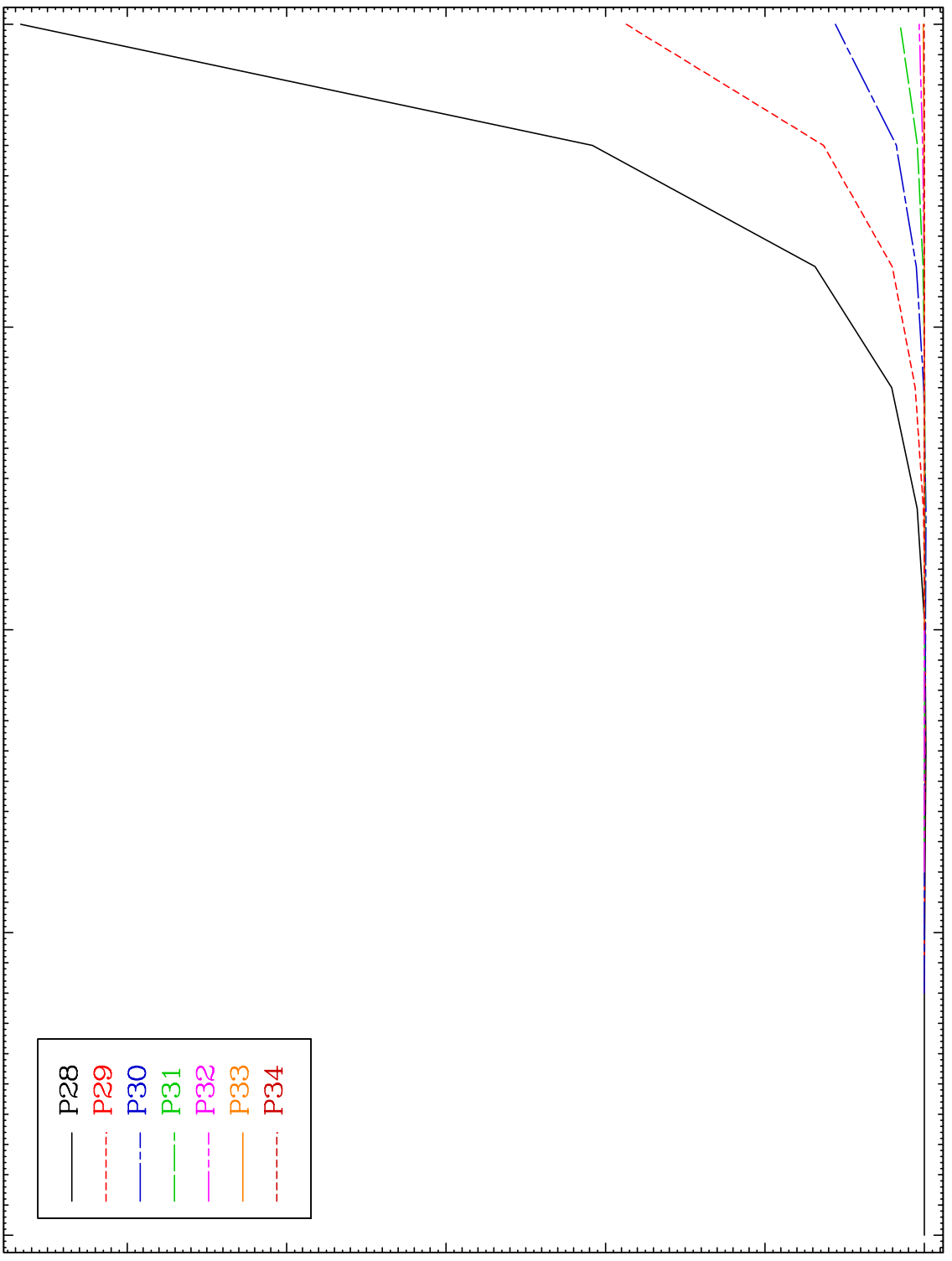
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Elastic Legendre Coefficients

83-Bi-198



$\times 10^{-5}$   
1.0  
0.8  
0.6  
0.4  
0.2  
0.0

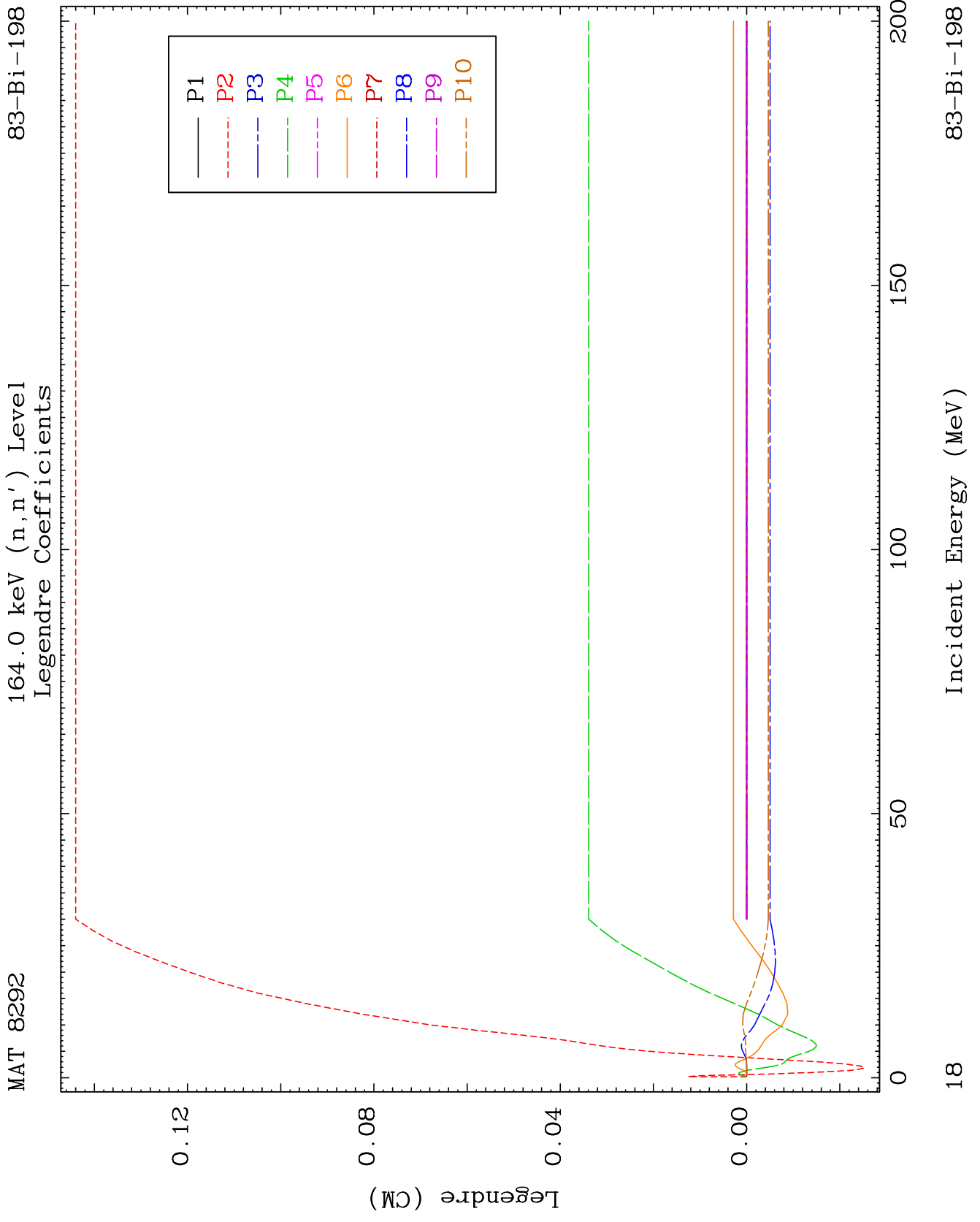


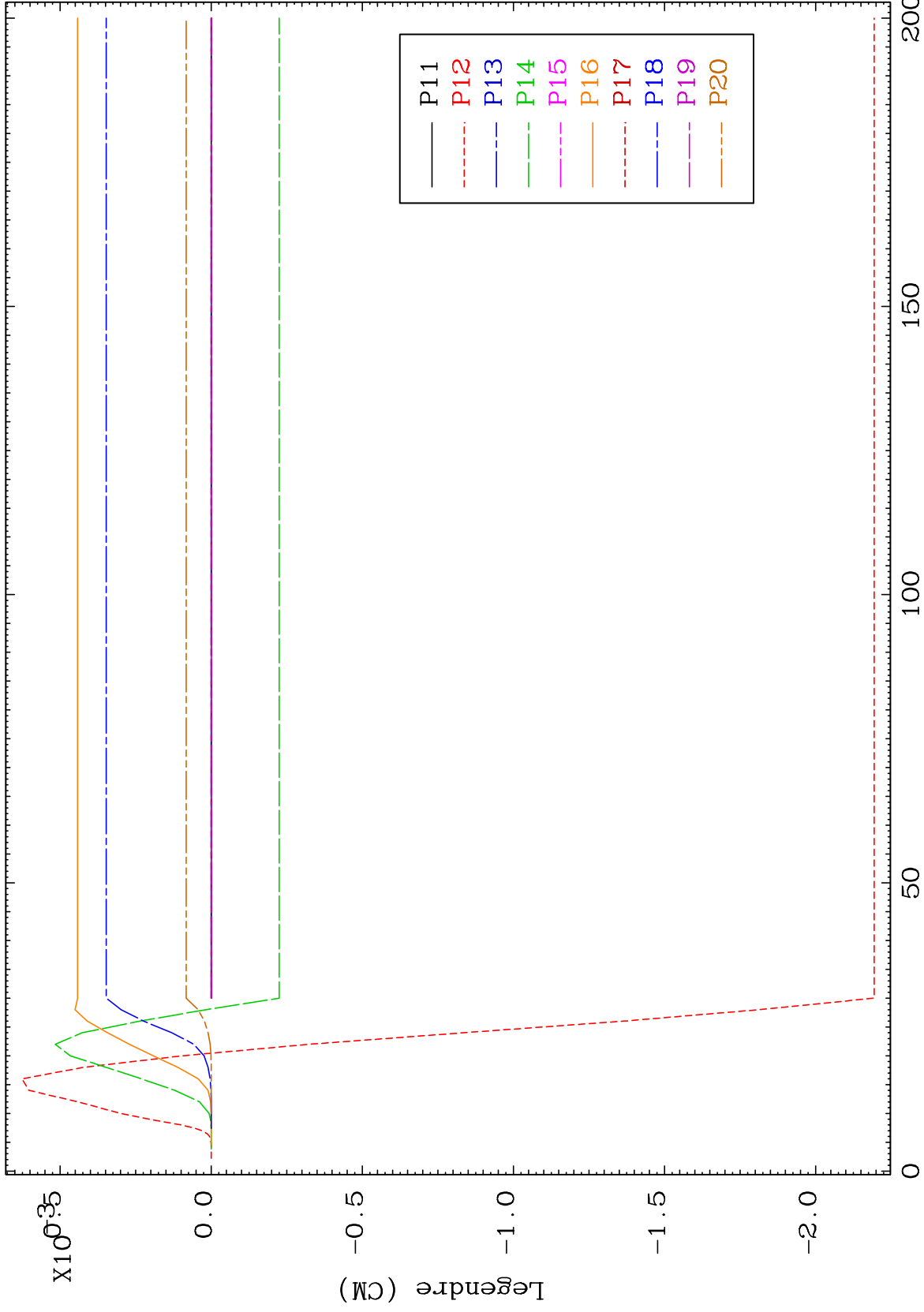
10 15 20 25 30

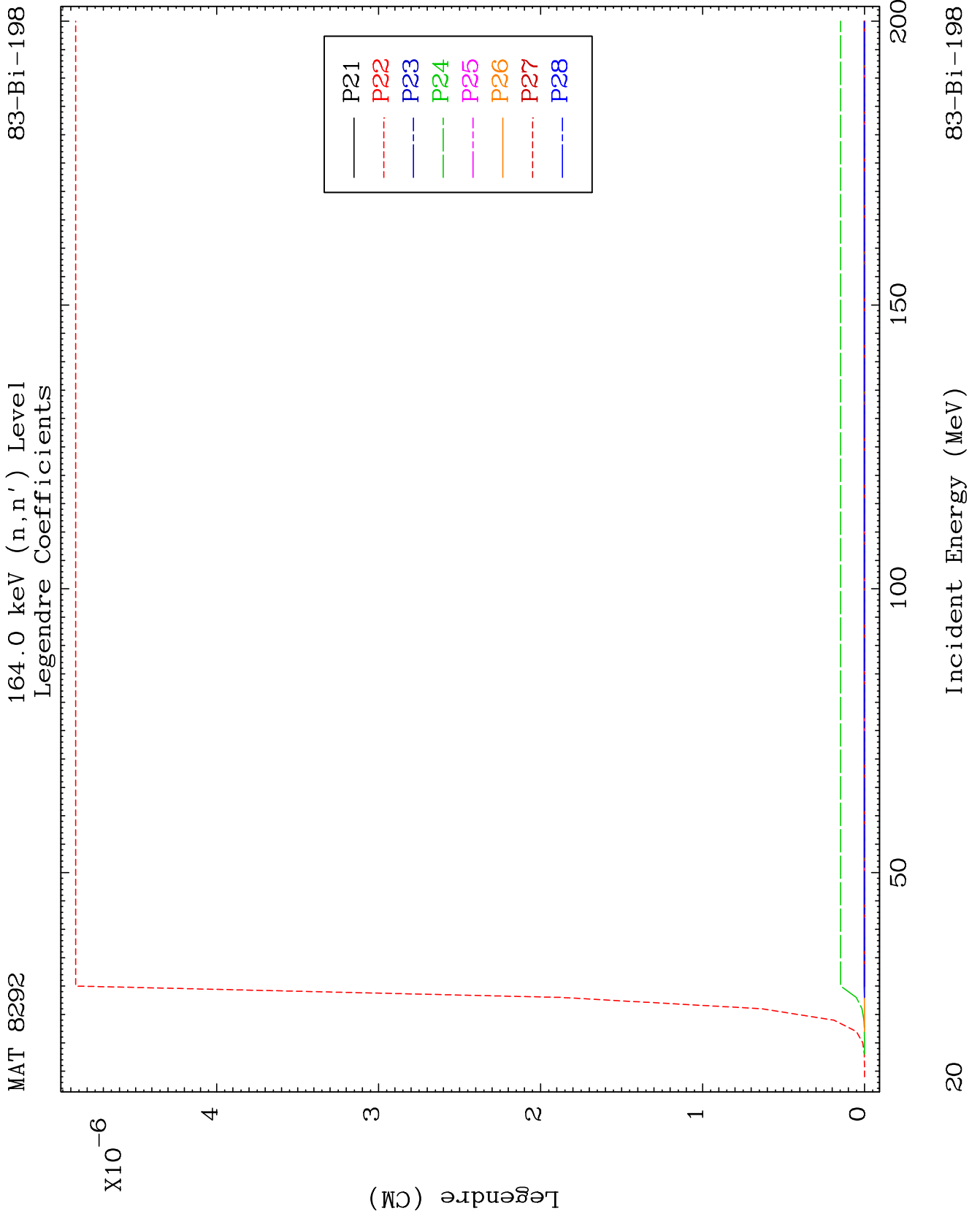
Incident Energy (MeV)

83-Bi-198

17



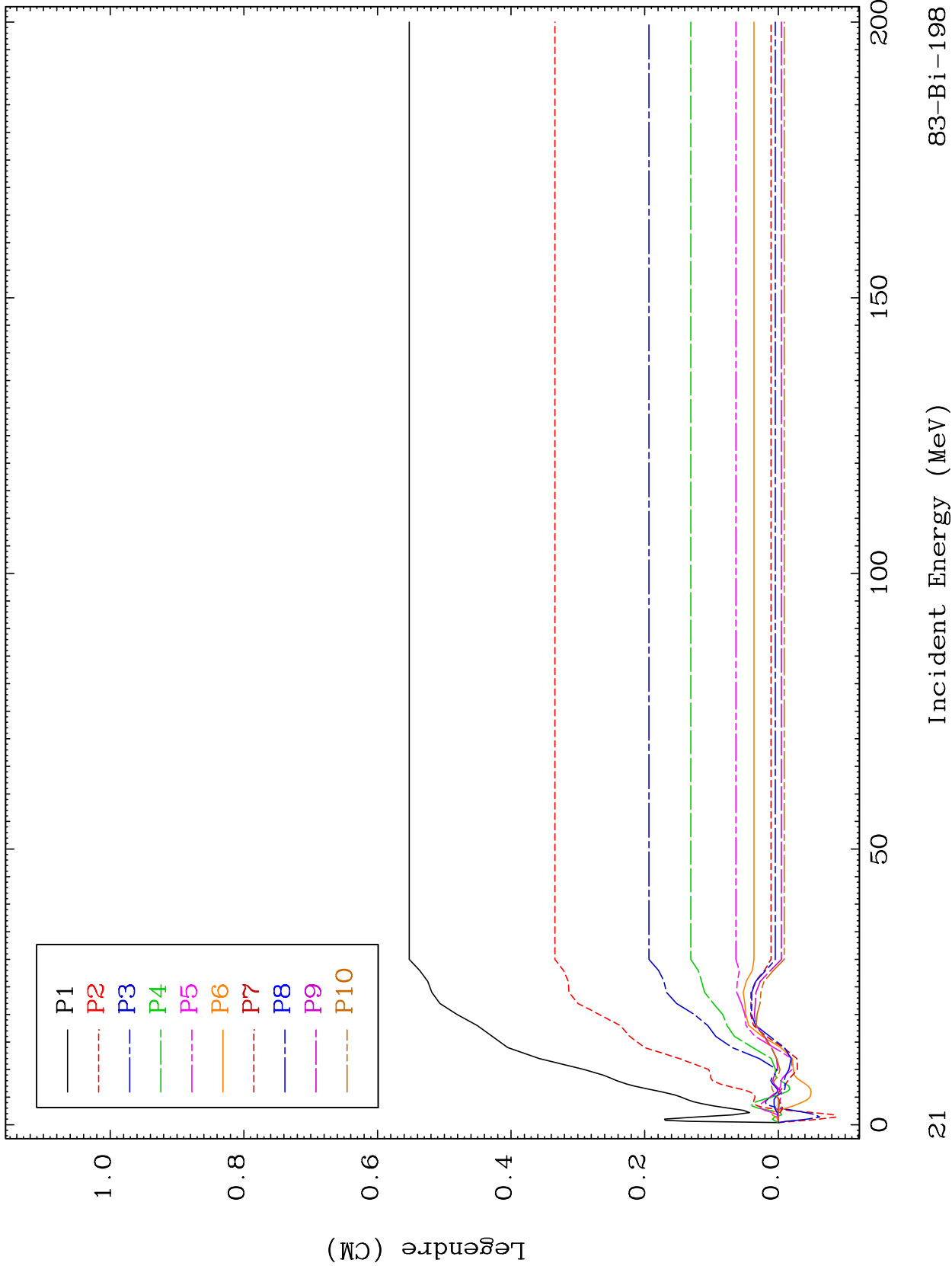




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303.0 keV (n,n') Level  
Legendre Coefficients

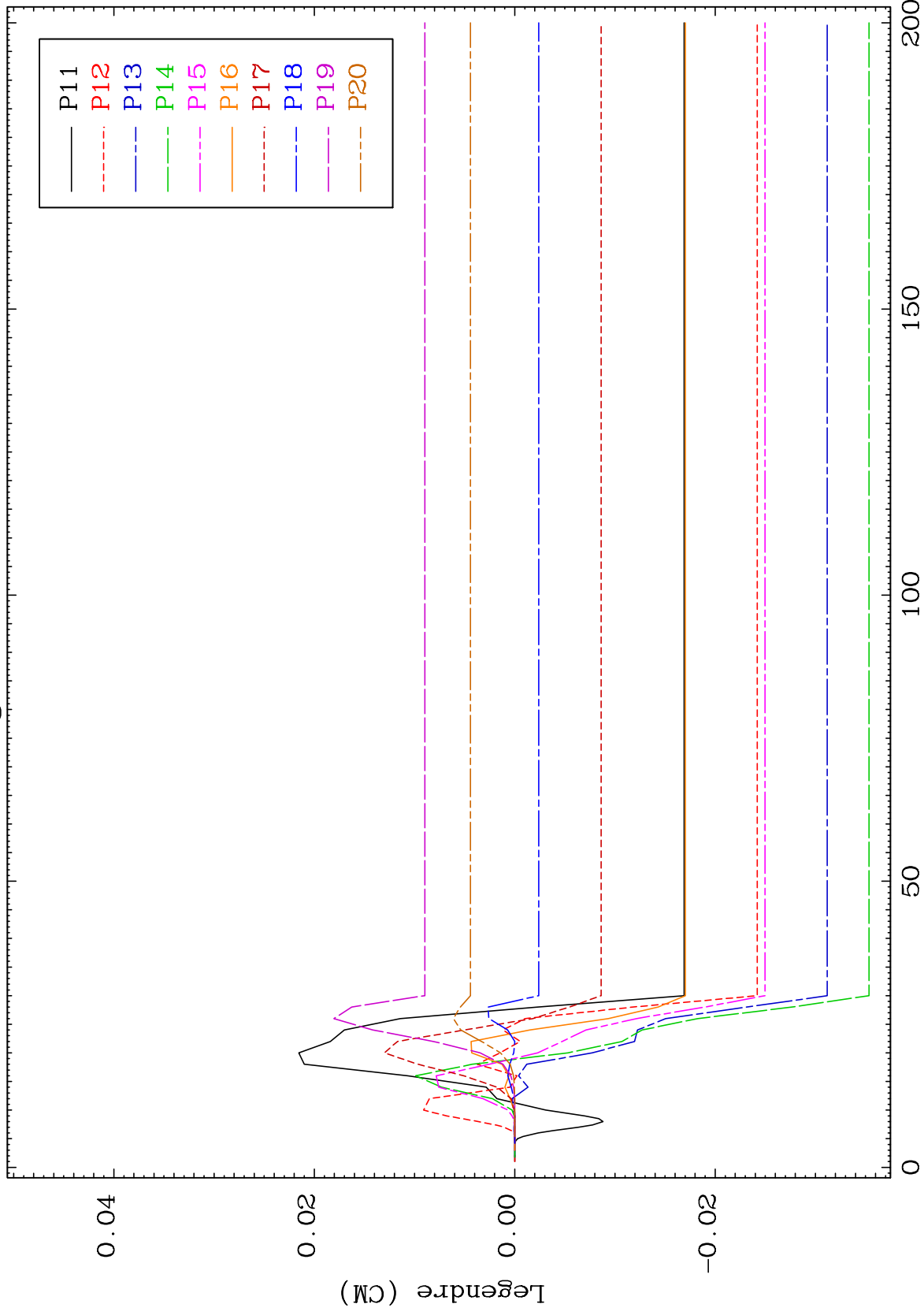
83-Bi-198



MAT 8292

303.0 keV (n,n') Level  
Legendre Coefficients

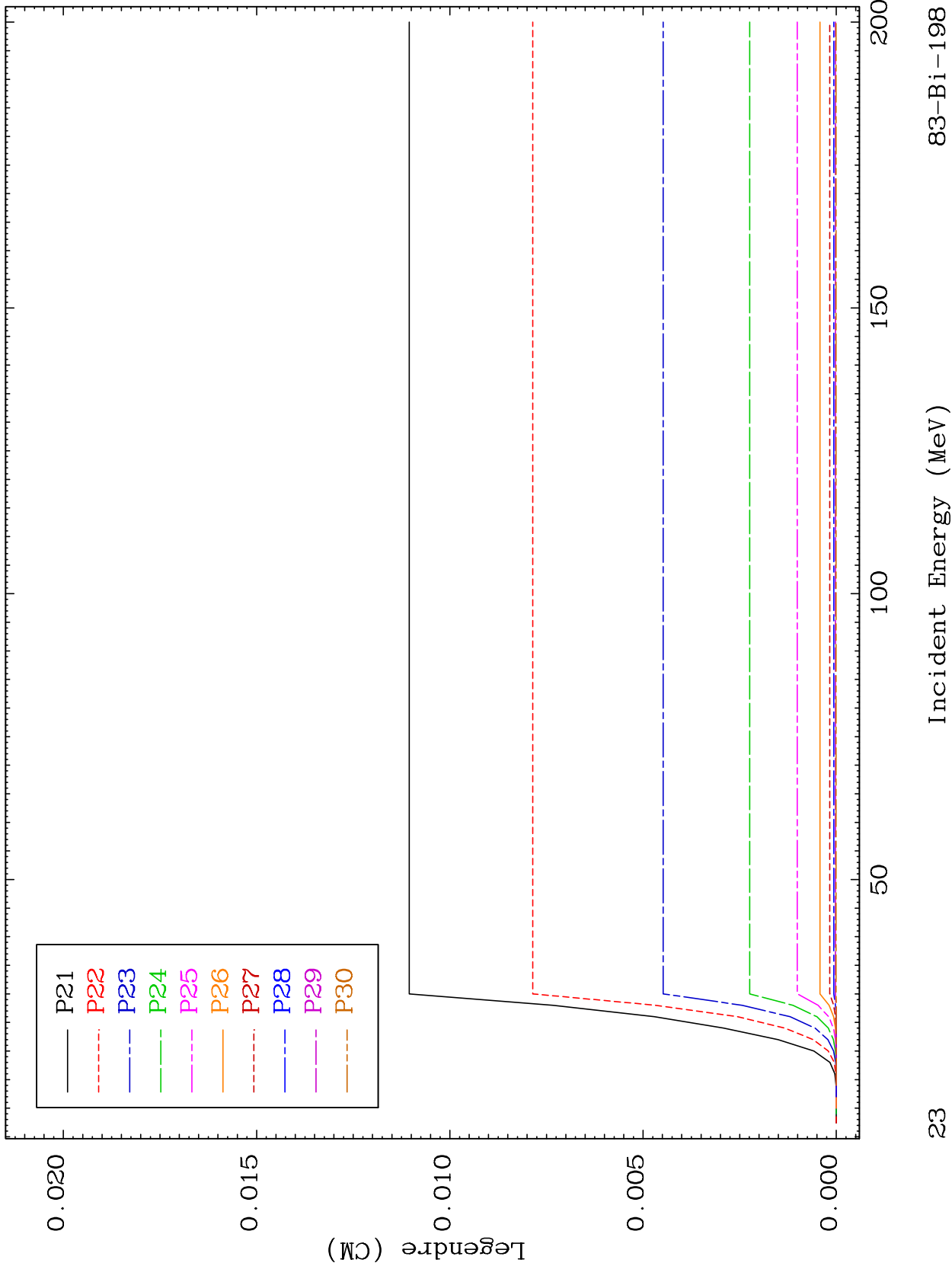
83-Bi-198



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Incident Energy (MeV)

83-Bi-198

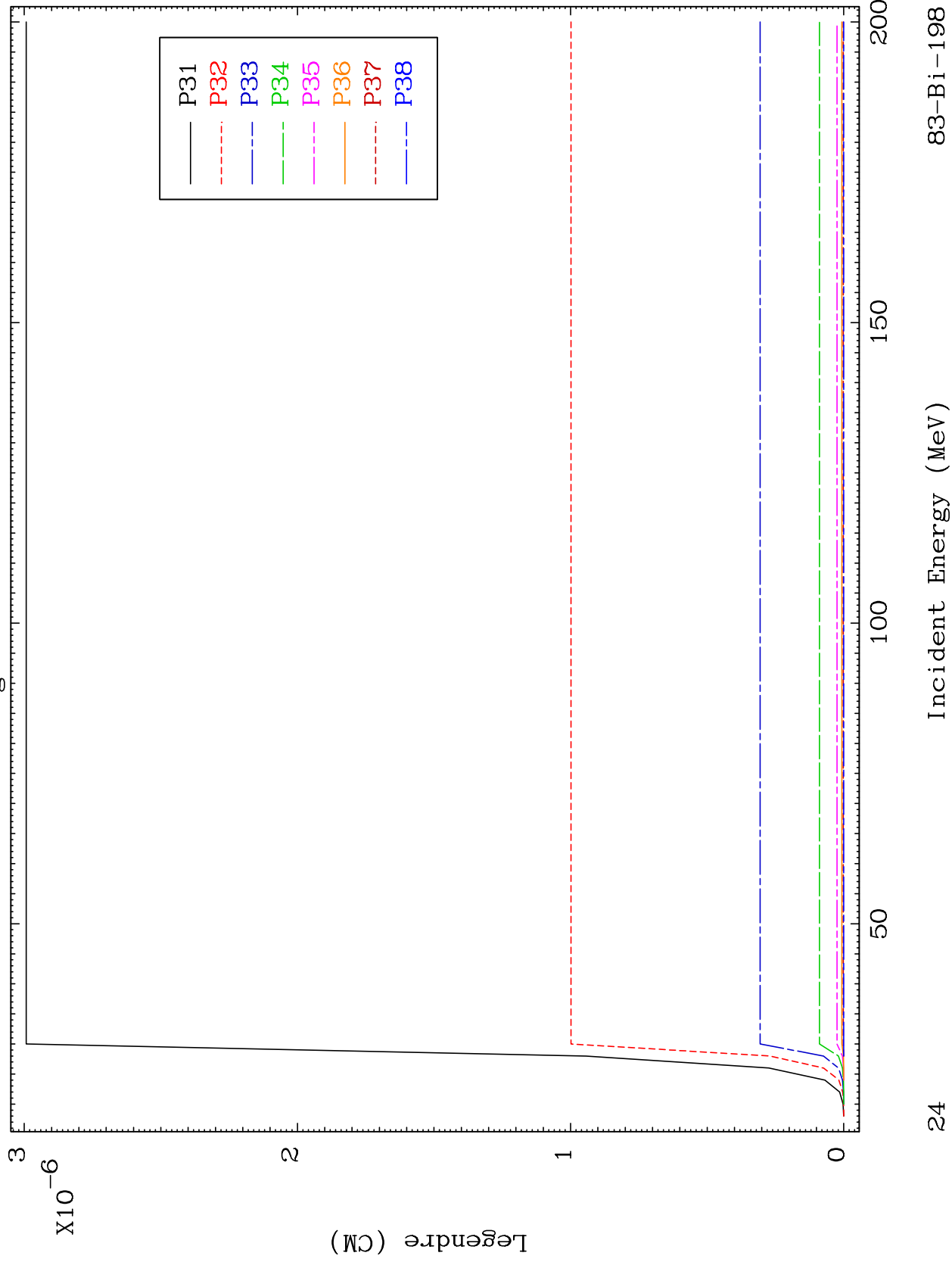




MAT 8292

303.0 keV (n,n') Level  
Legendre Coefficients

83-Bi-198



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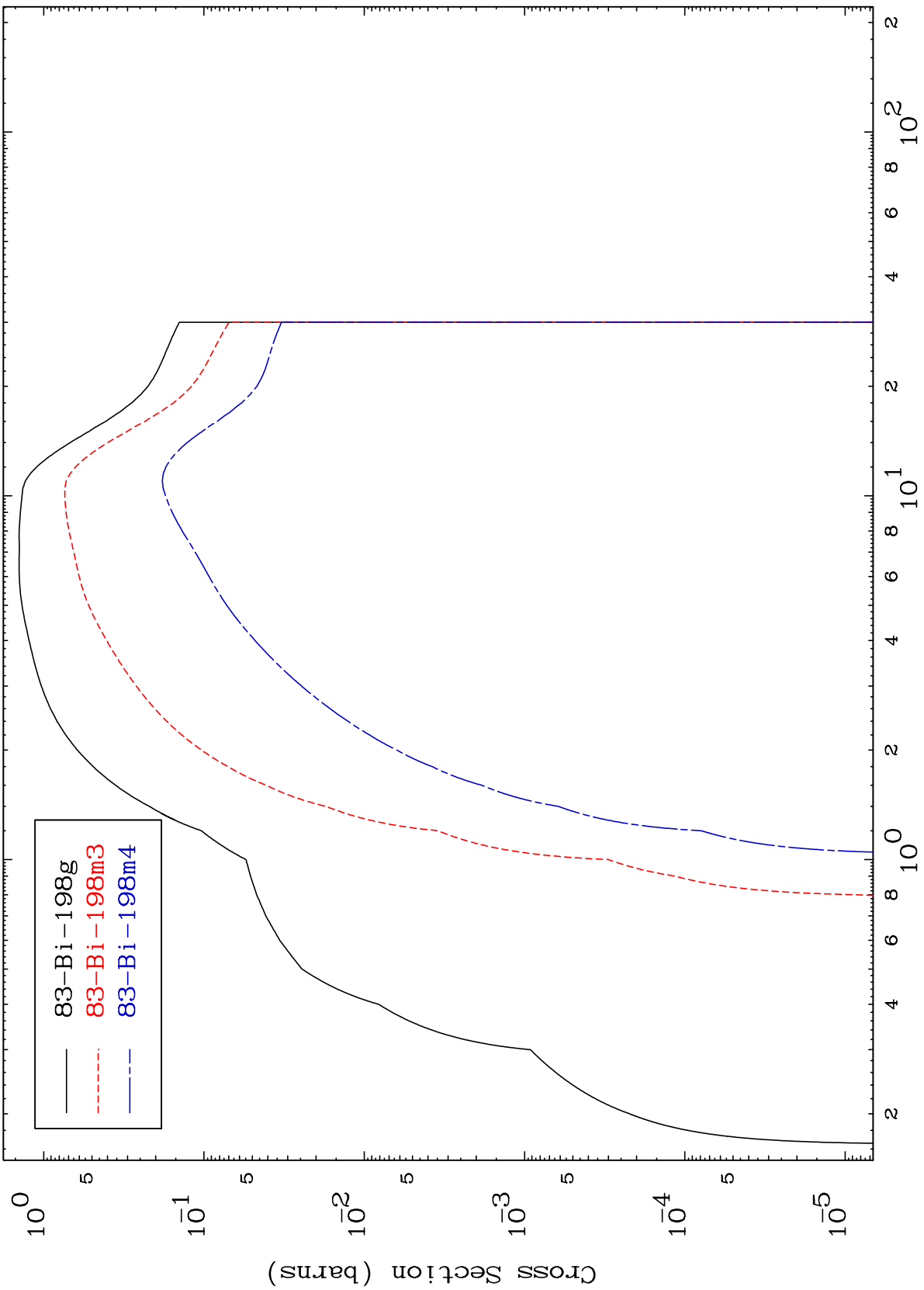
Incident Energy (MeV)

83-Bi-198

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83-Bi-198

Radionuclide Production Cross Section



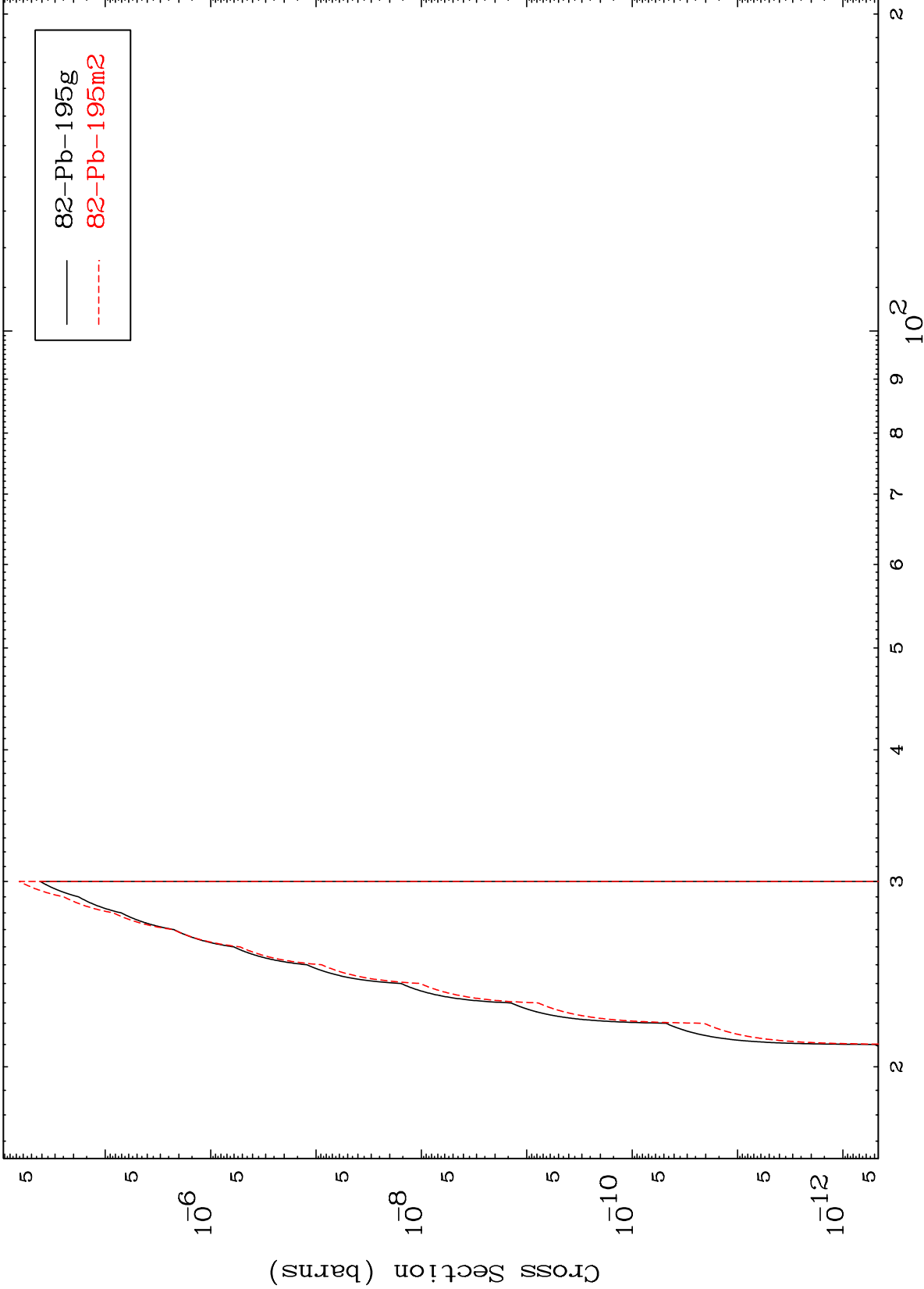
83-Bi-198g  
83-Bi-198m3  
83-Bi-198m4

83-Bi-198

Incident Energy (MeV)

25

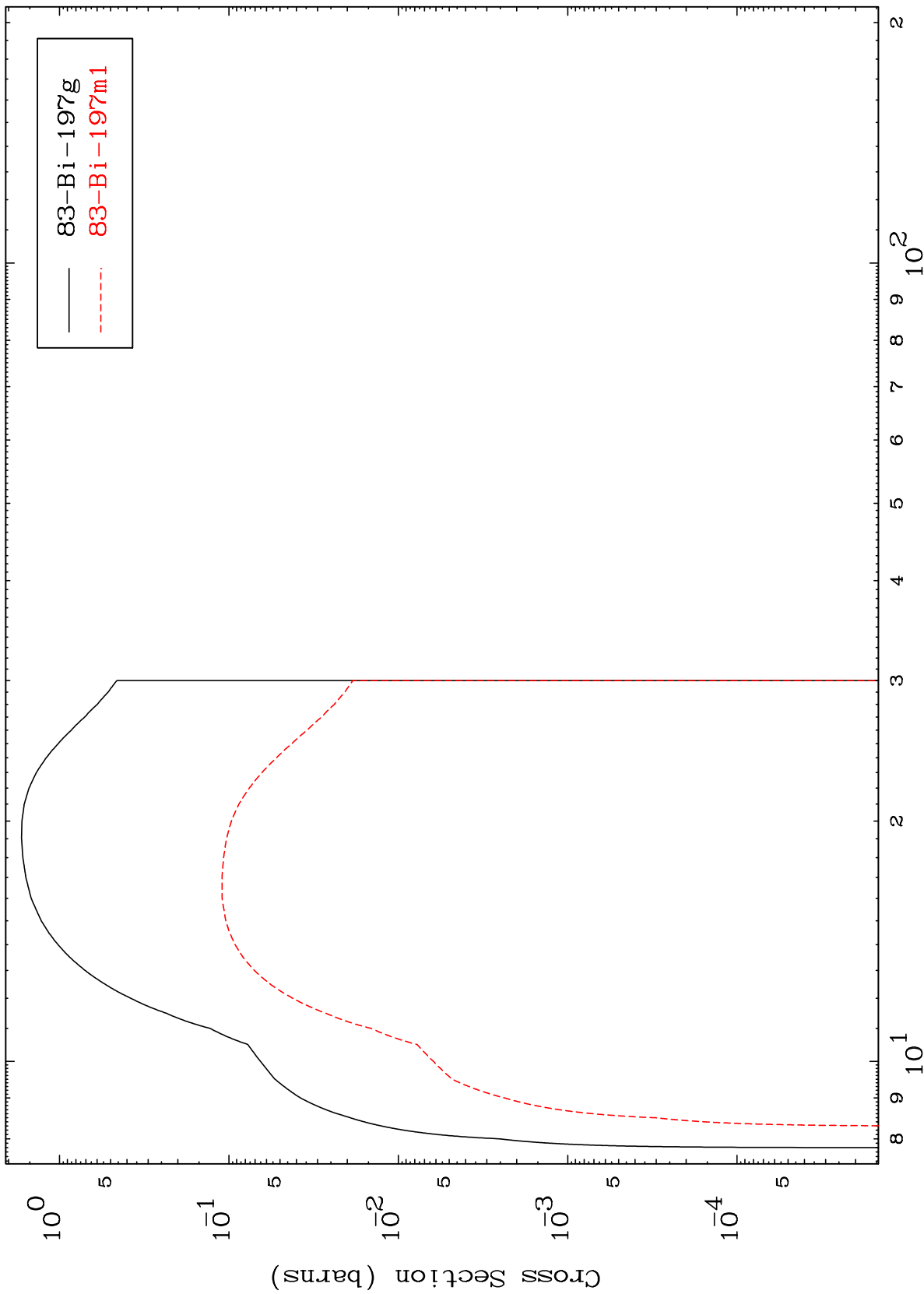
Radionuclide Production Cross Section



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83-Bi-198

(n,2n)  
Radionuclide Production Cross Section

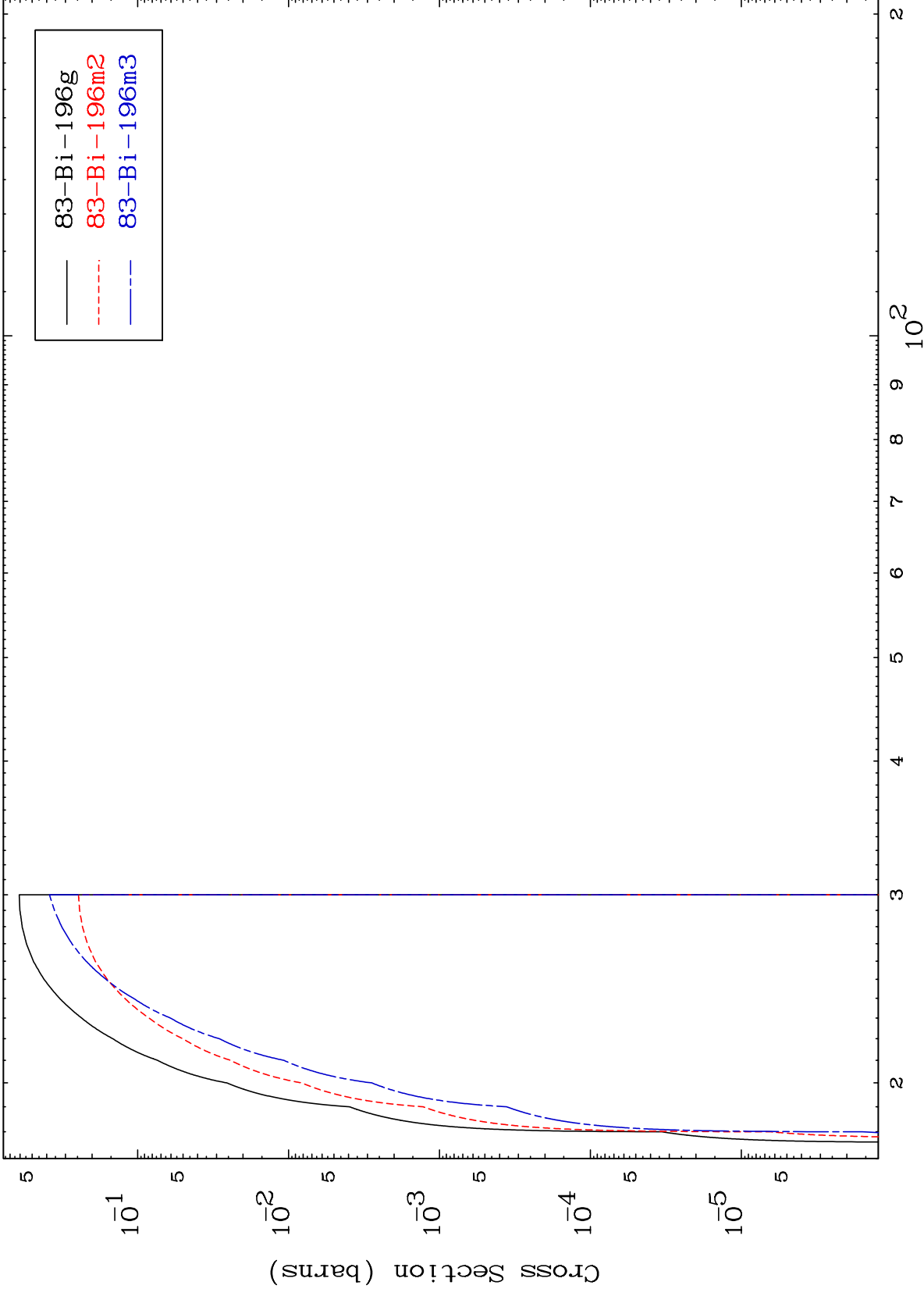


83-Bi-198

Incident Energy (MeV)

27

Radionuclide Production Cross Section

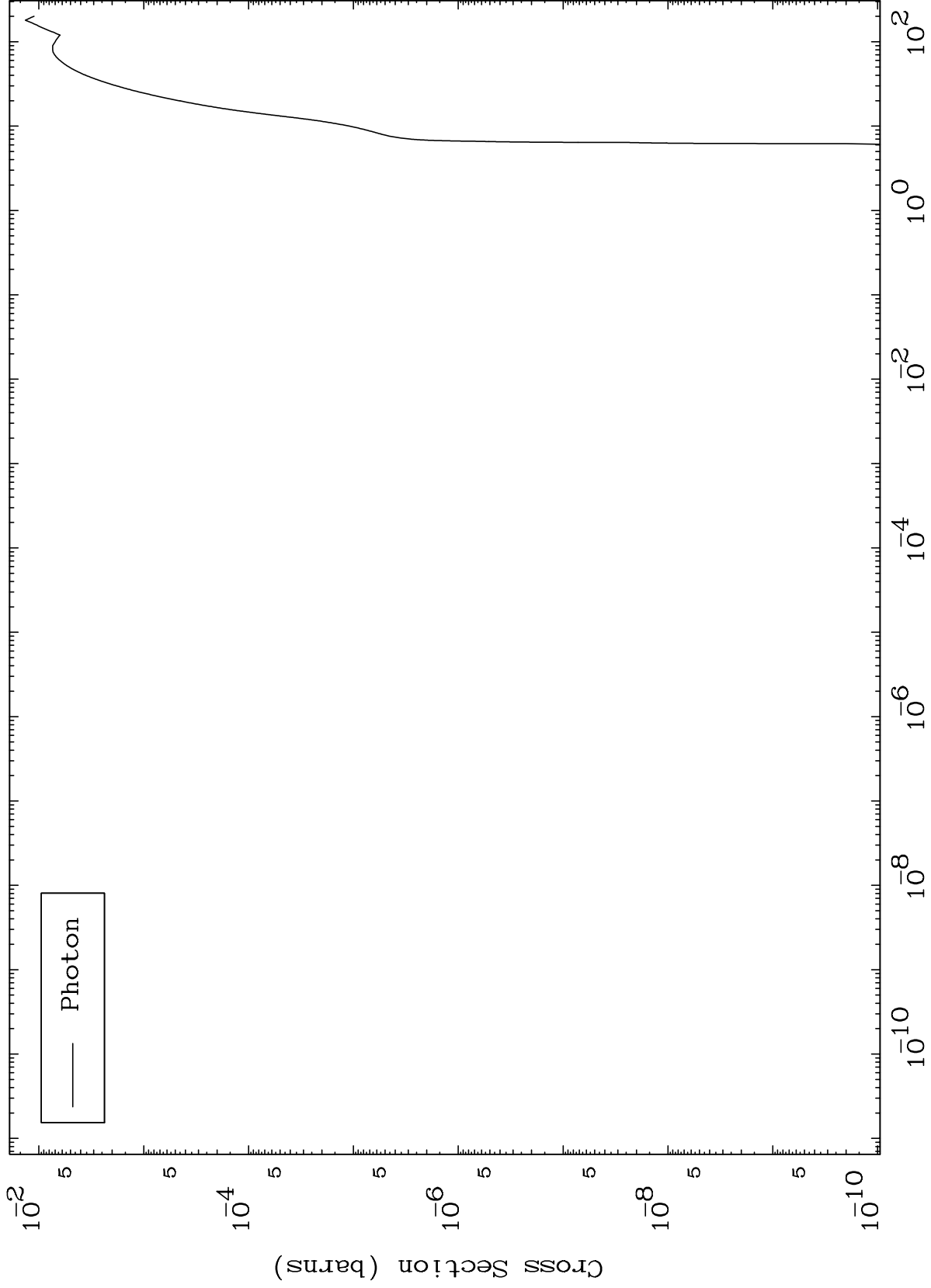


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Fission

83-Bi-198

Radionuclide Production Cross Section

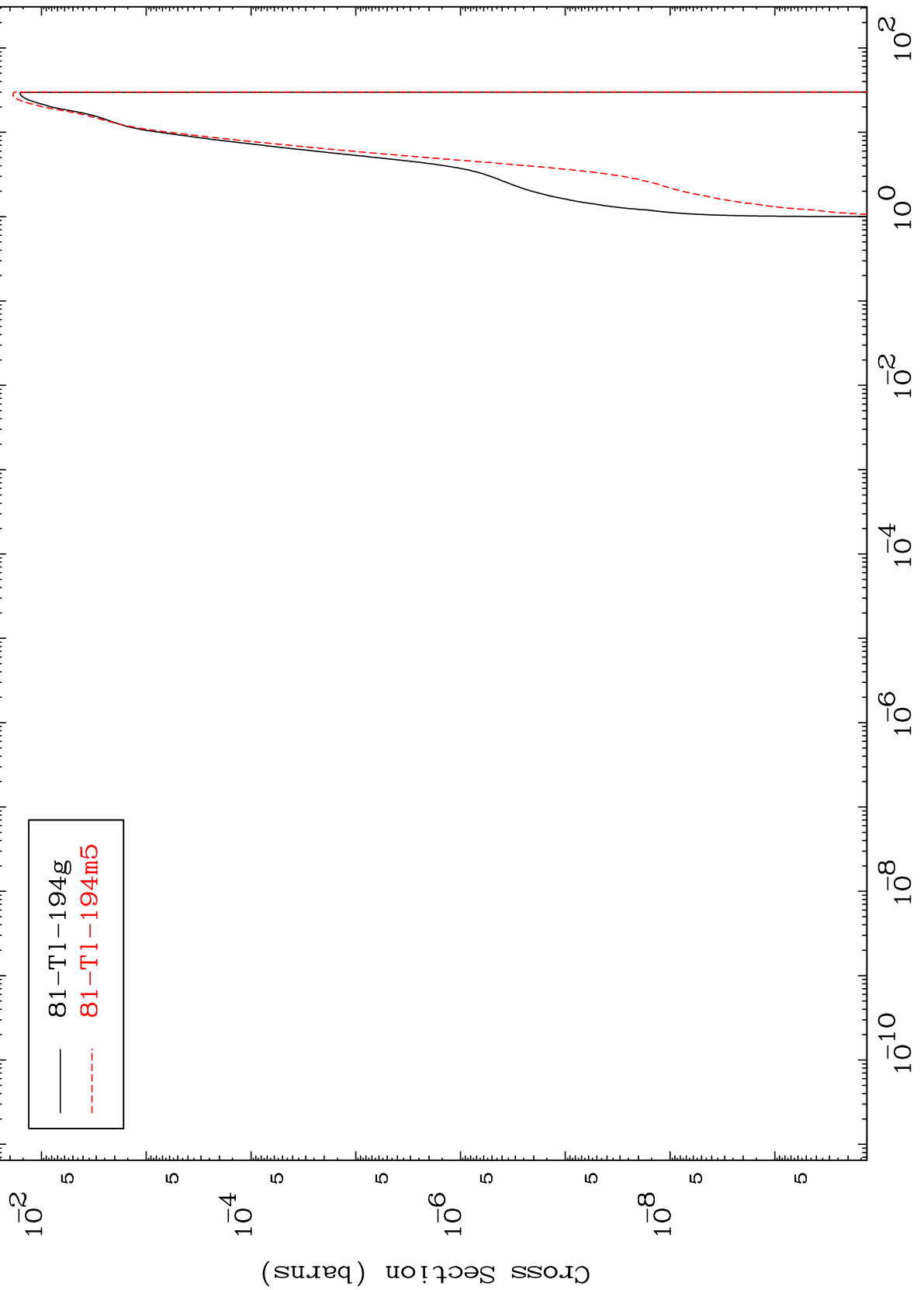


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$(n, n') \alpha$

83-Bi-198

Radionuclide Production Cross Section

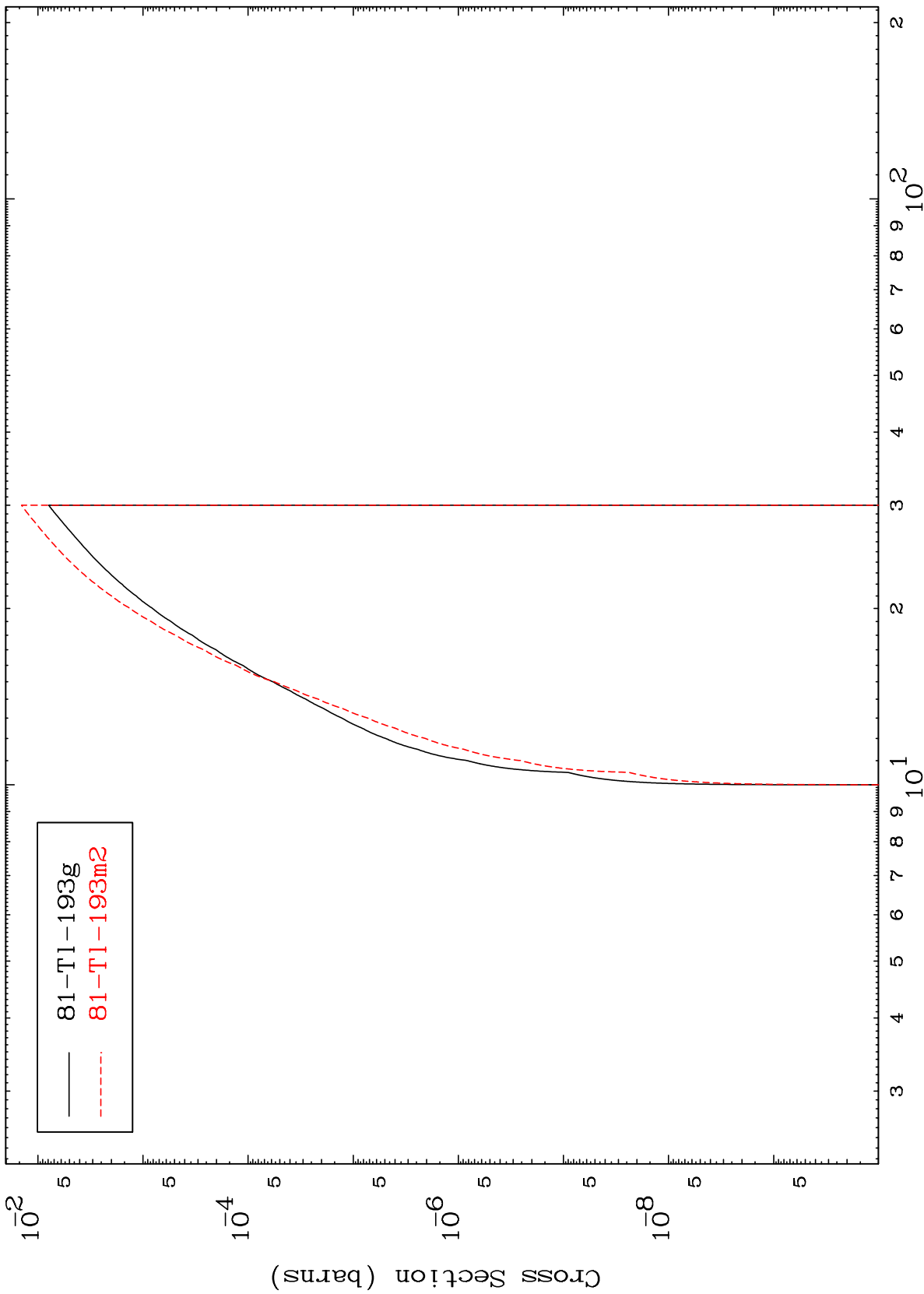


MAT 8292

83-Bi-198

(n,2n)  $\alpha$

Radionuclide Production Cross Section



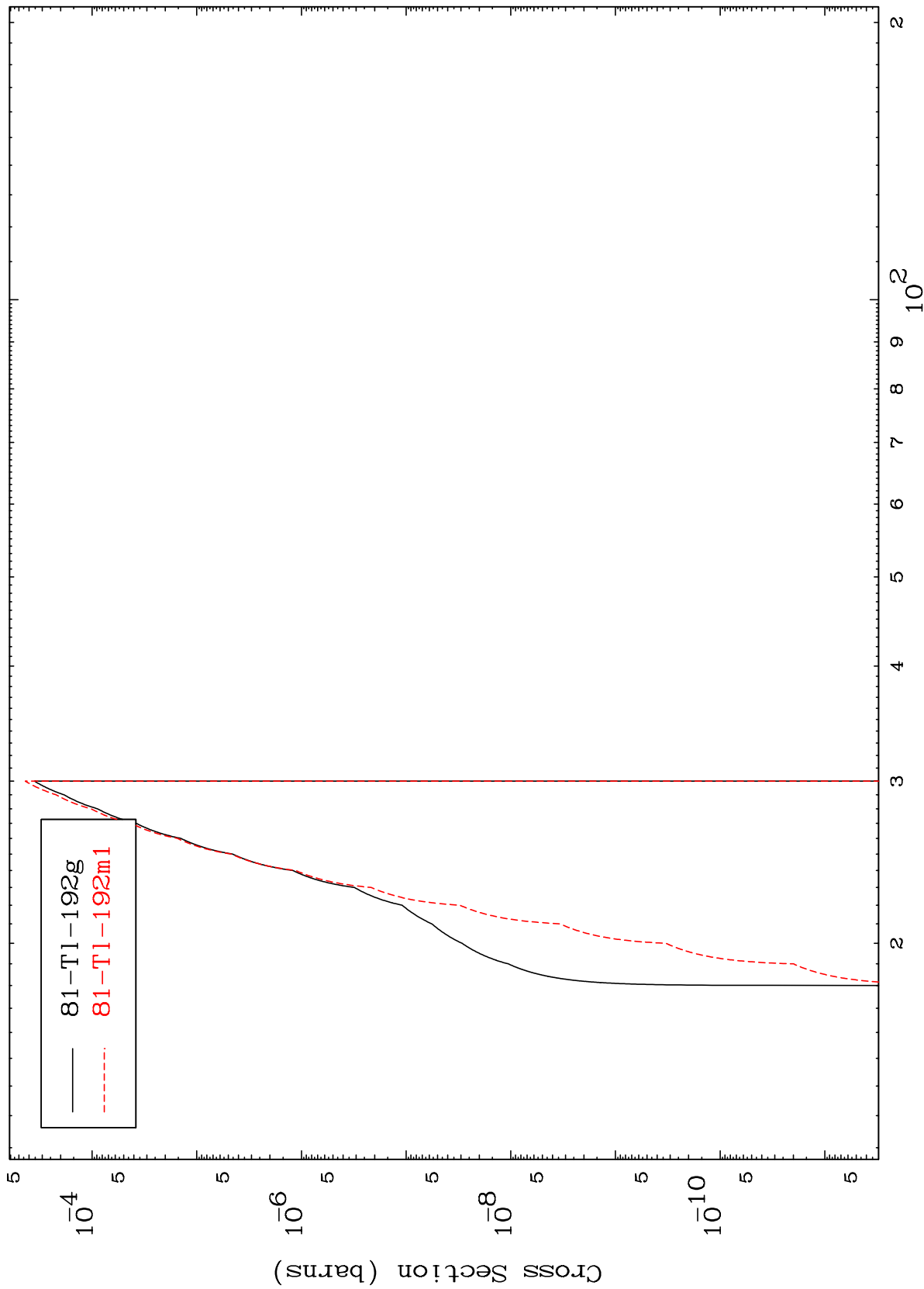


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$(n,3n) \alpha$

83-Bi-198

Radionuclide Production Cross Section

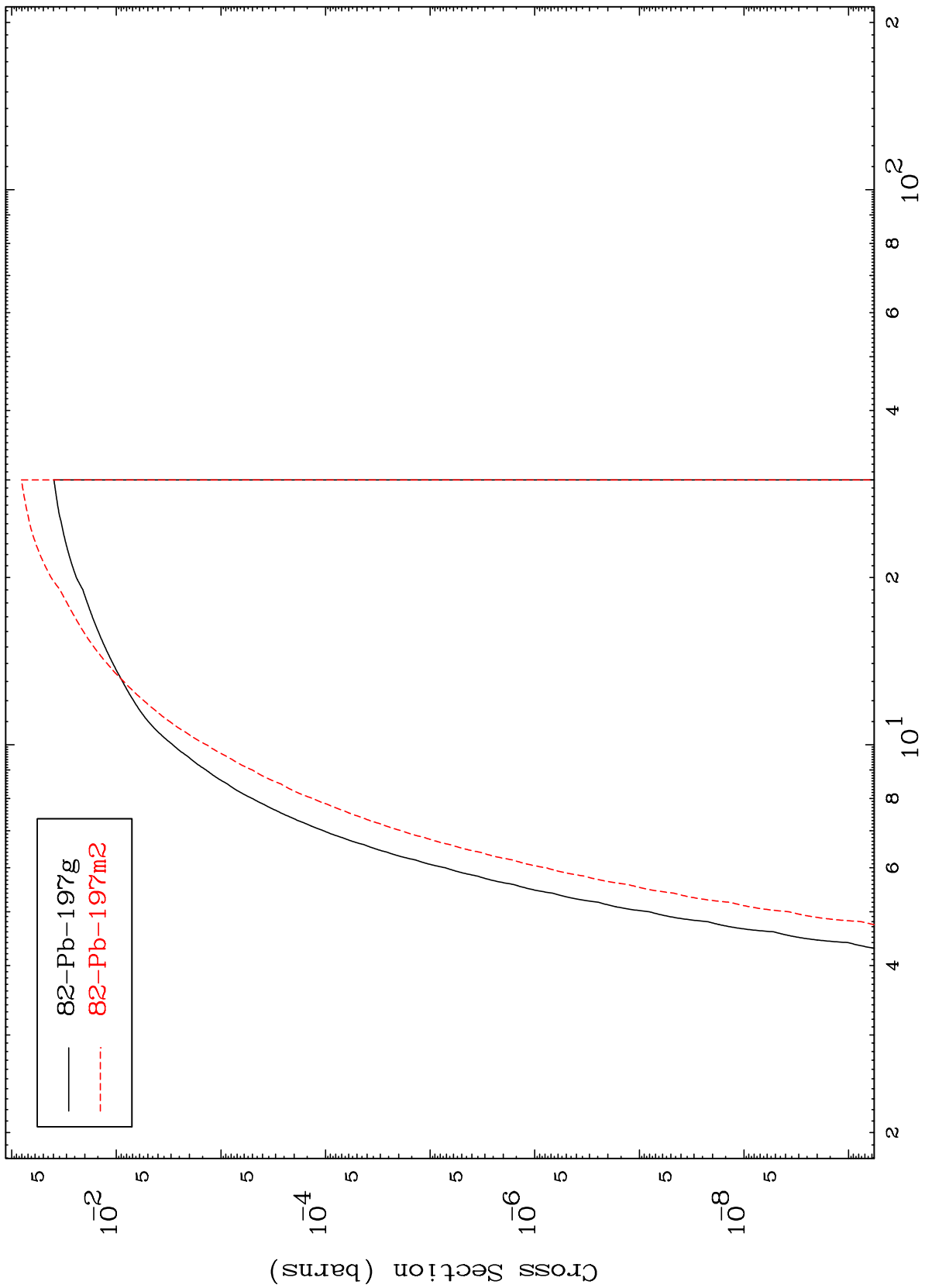


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(n,n') p

83-Bi-198

Radionuclide Production Cross Section



82-Pb-197g  
82-Pb-197m2

Incident Energy (MeV)

83-Bi-198

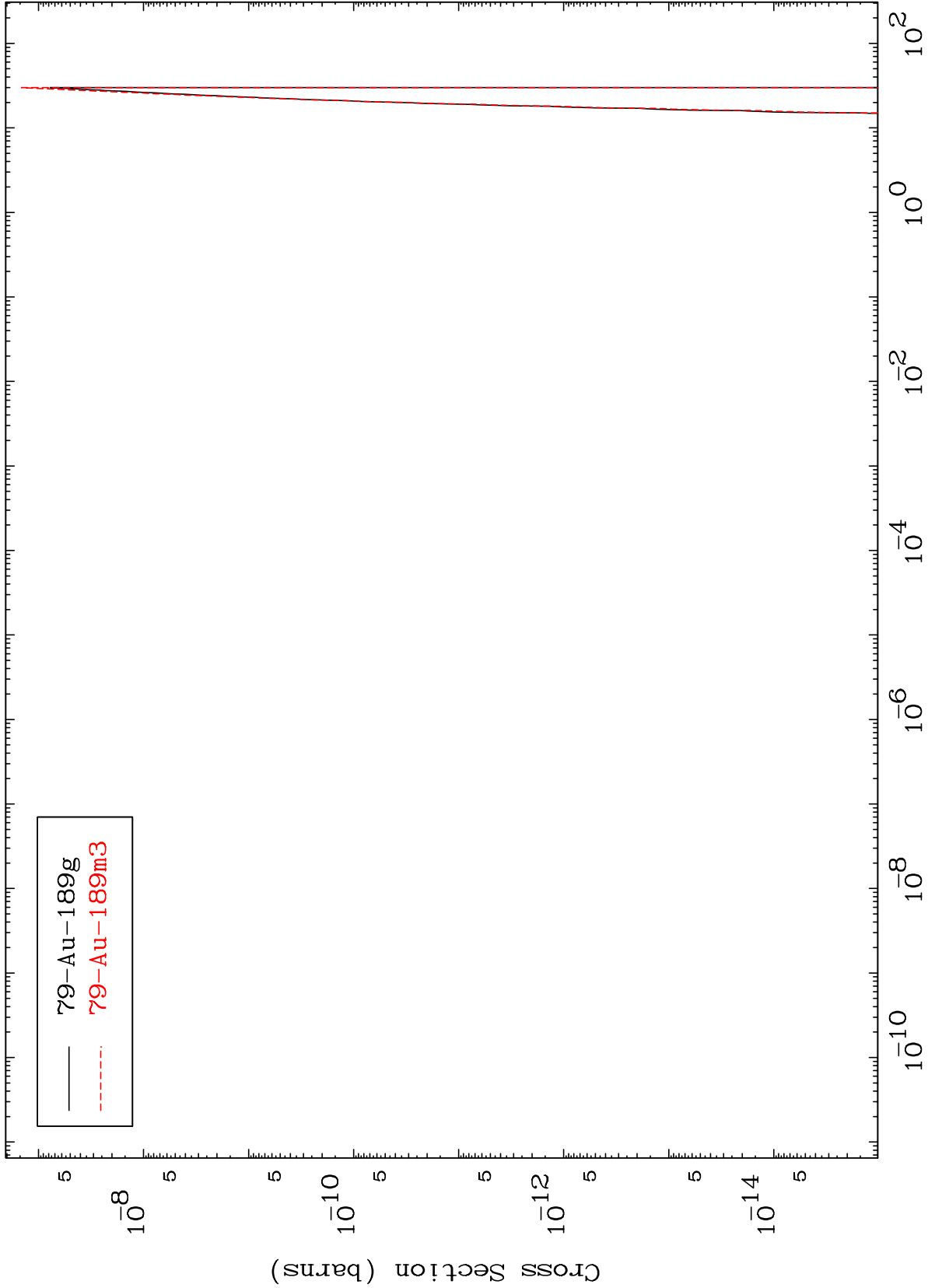
33

MAT 8292

$(n,2n) 2\alpha$

83-Bi-198

Radionuclide Production Cross Section



34

Incident Energy (MeV)

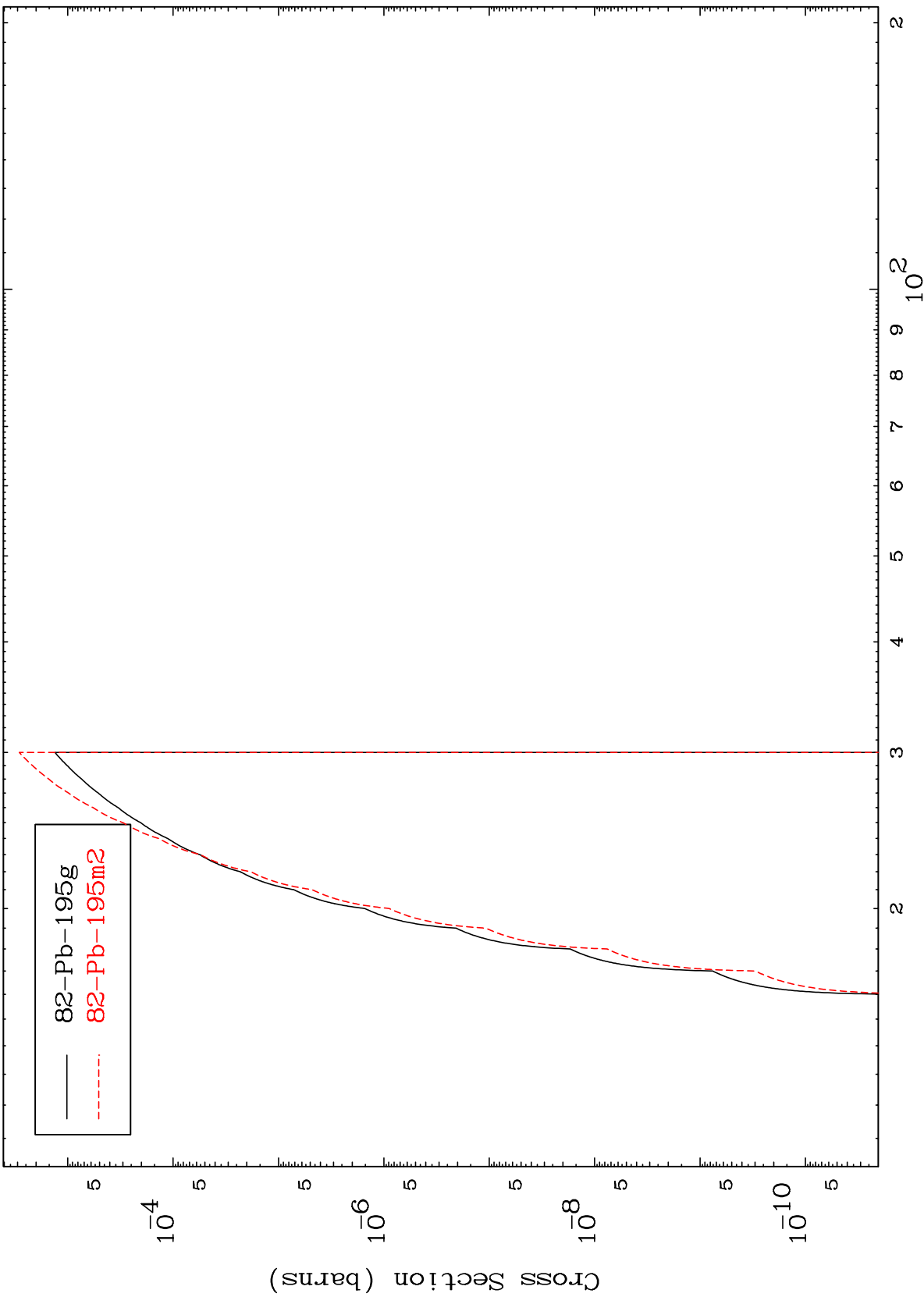
83-Bi-198

MAT 8292

(n,n') t

83-Bi-198

Radionuclide Production Cross Section

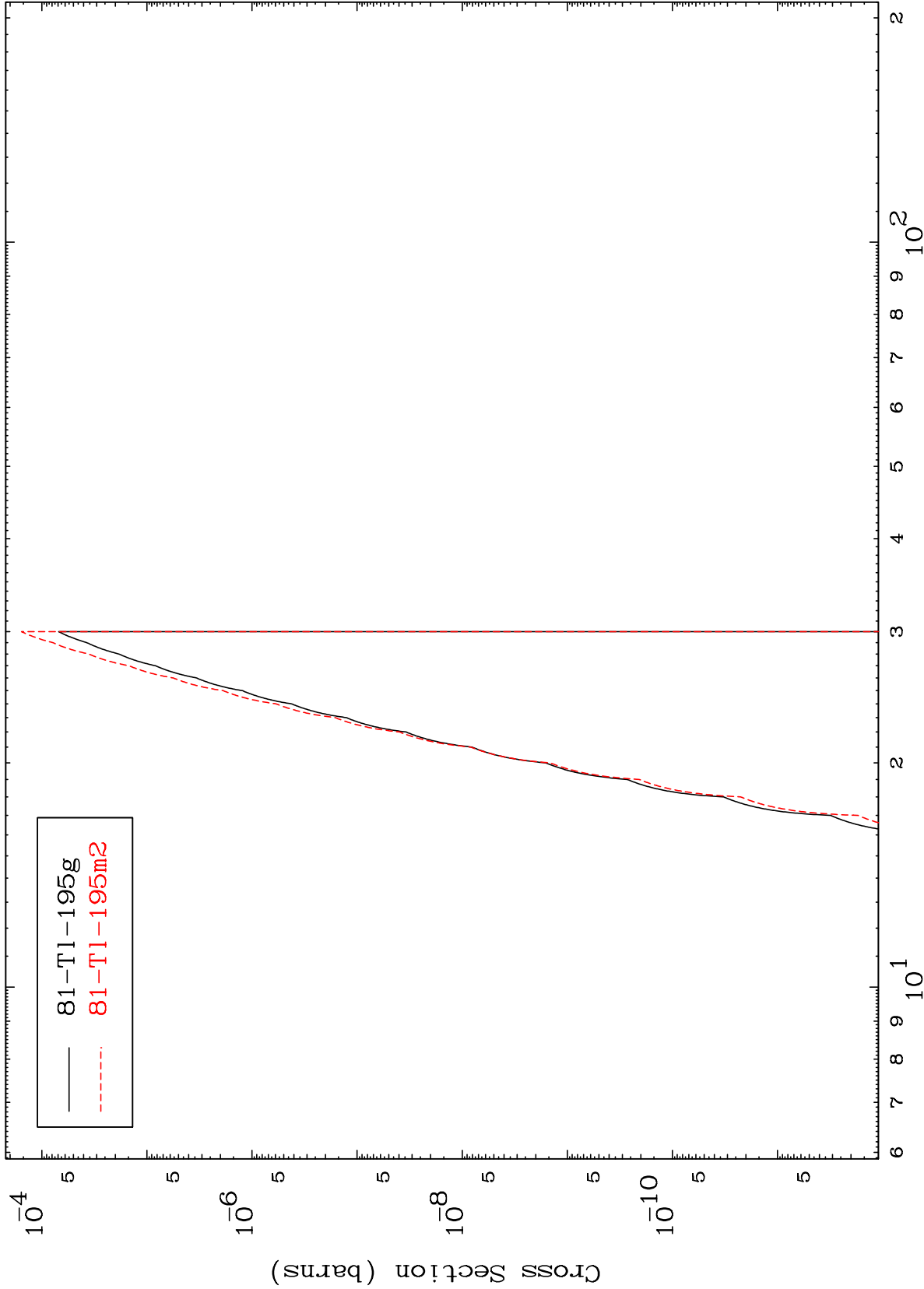


35

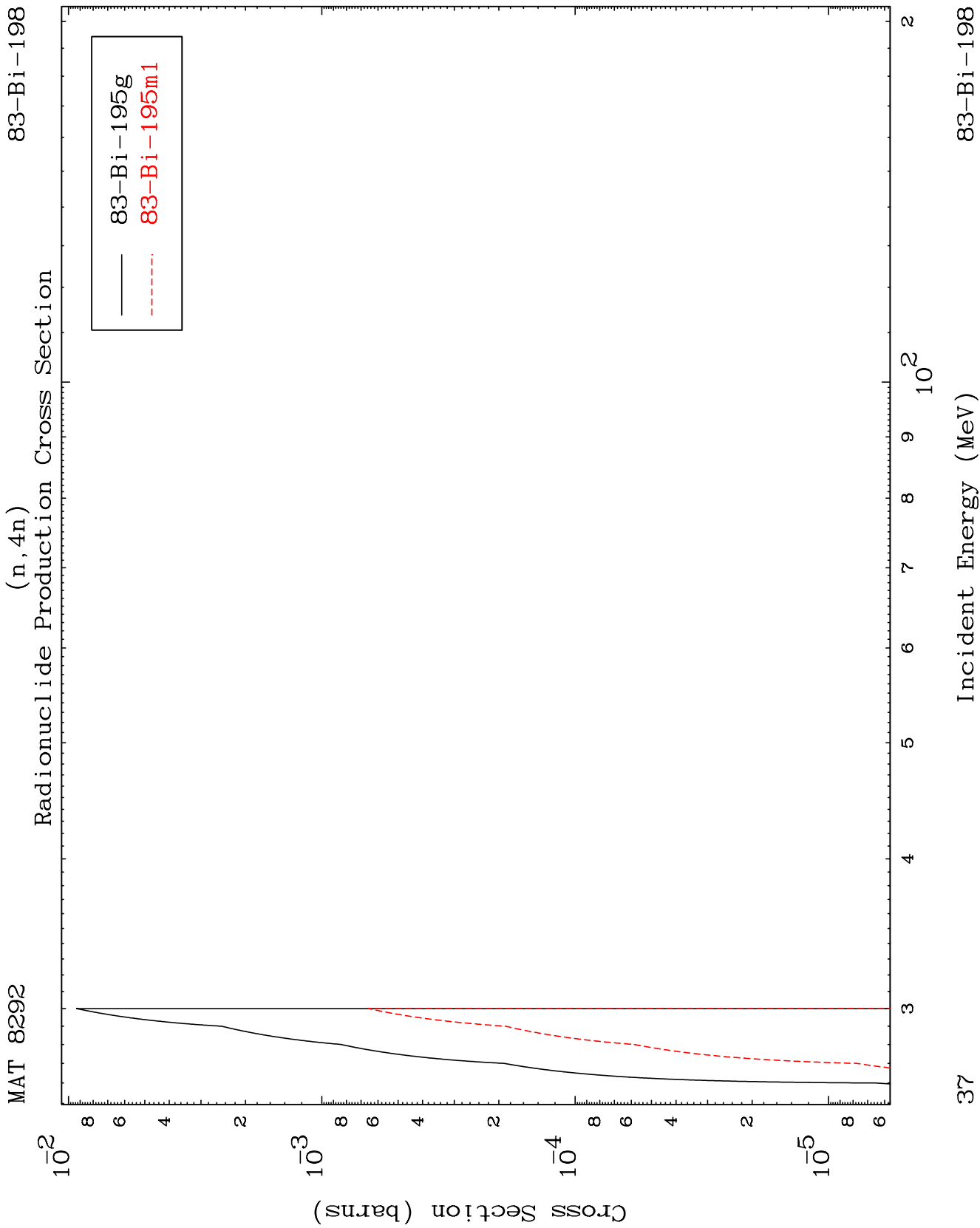
Incident Energy (MeV)

83-Bi-198

Radionuclide Production Cross Section



81-Tl-195g  
81-Tl-195m2

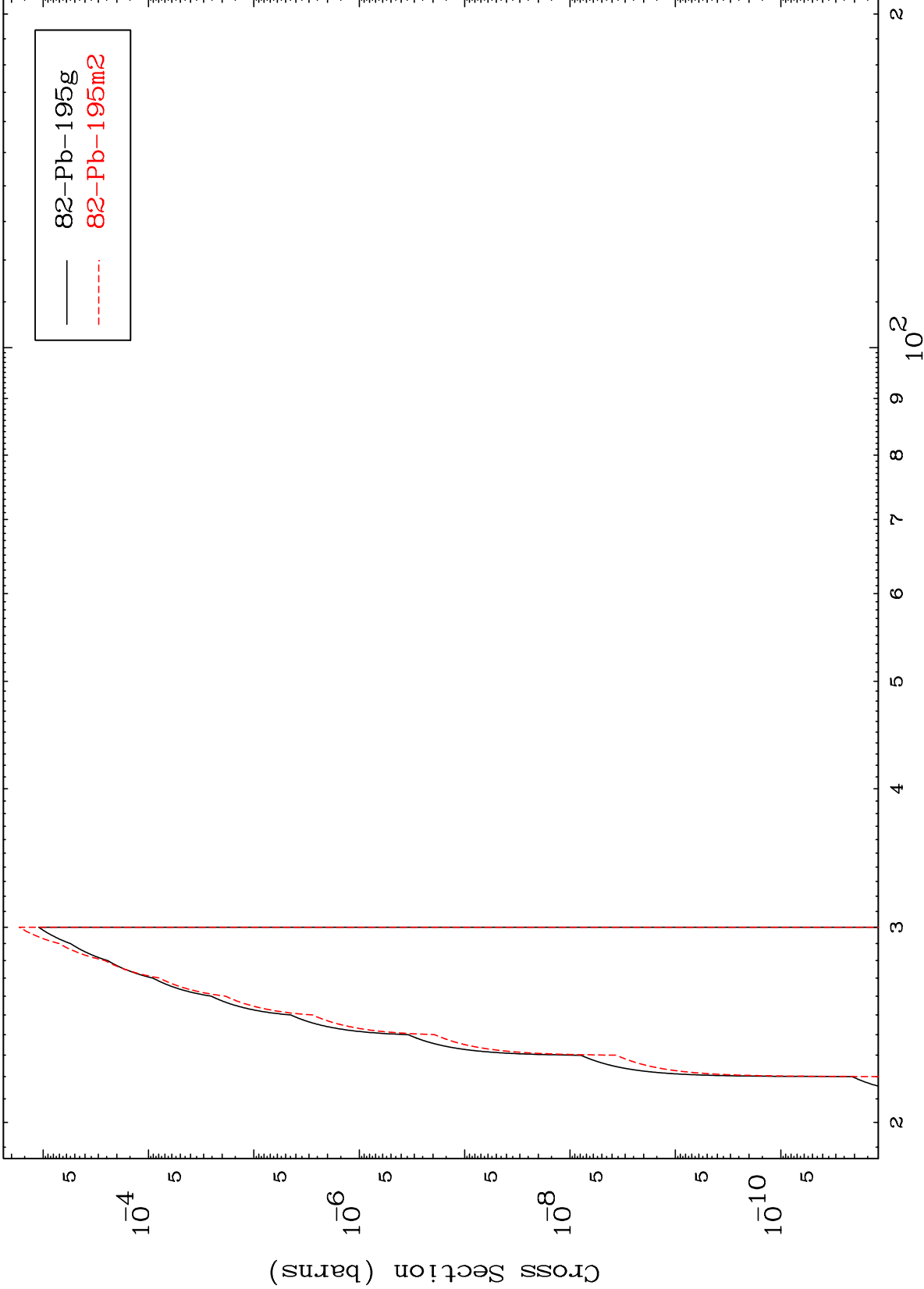


MAT 8292

(n,3n) p

83-Bi-198

Radionuclide Production Cross Section



38

Incident Energy (MeV)

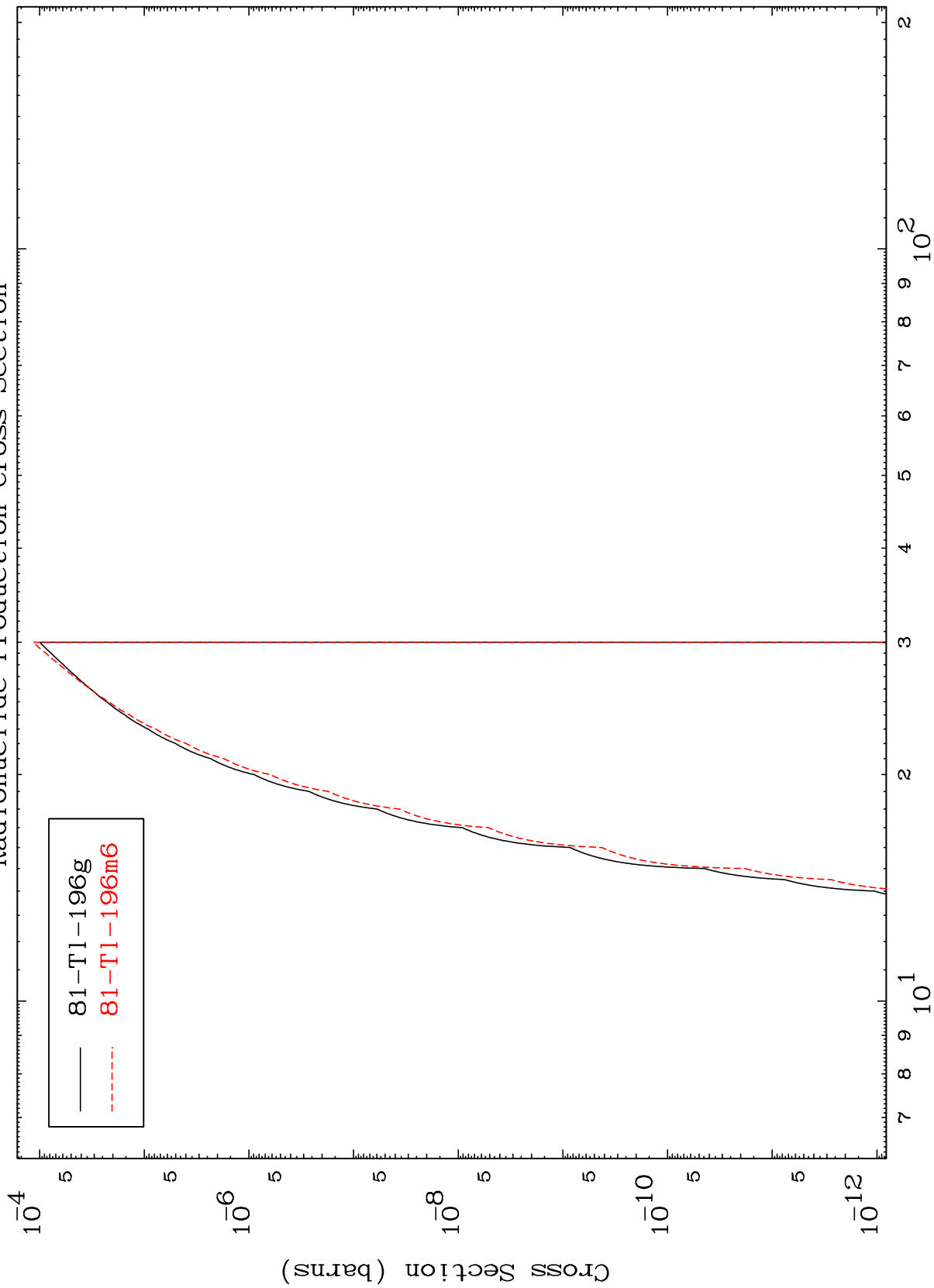
83-Bi-198

MAT 8292

(n,2n) p

83-Bi-198

Radionuclide Production Cross Section



39

Incident Energy (MeV)

83-Bi-198

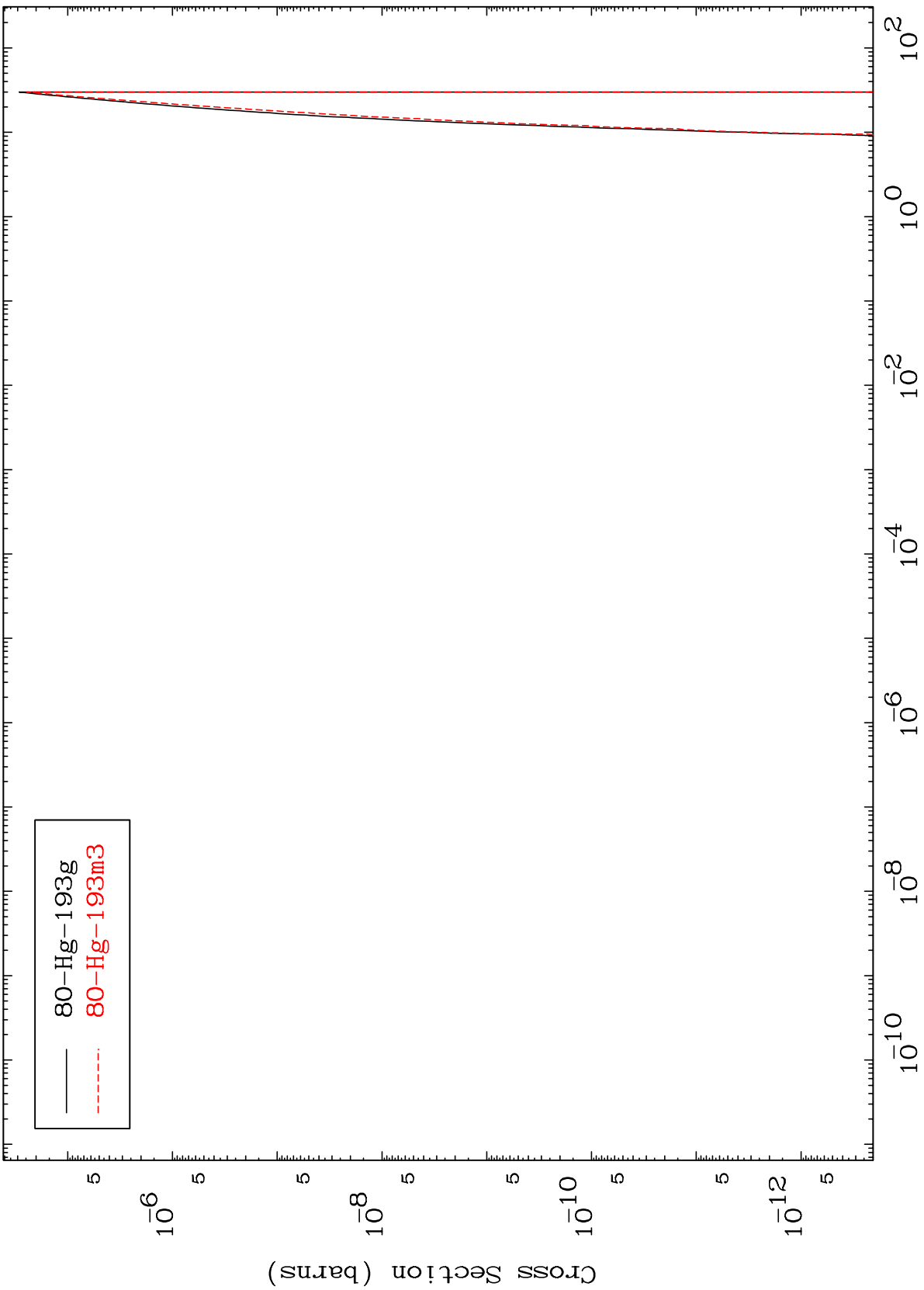


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(n,n') p  $\alpha$

83-Bi-198

Radionuclide Production Cross Section



40

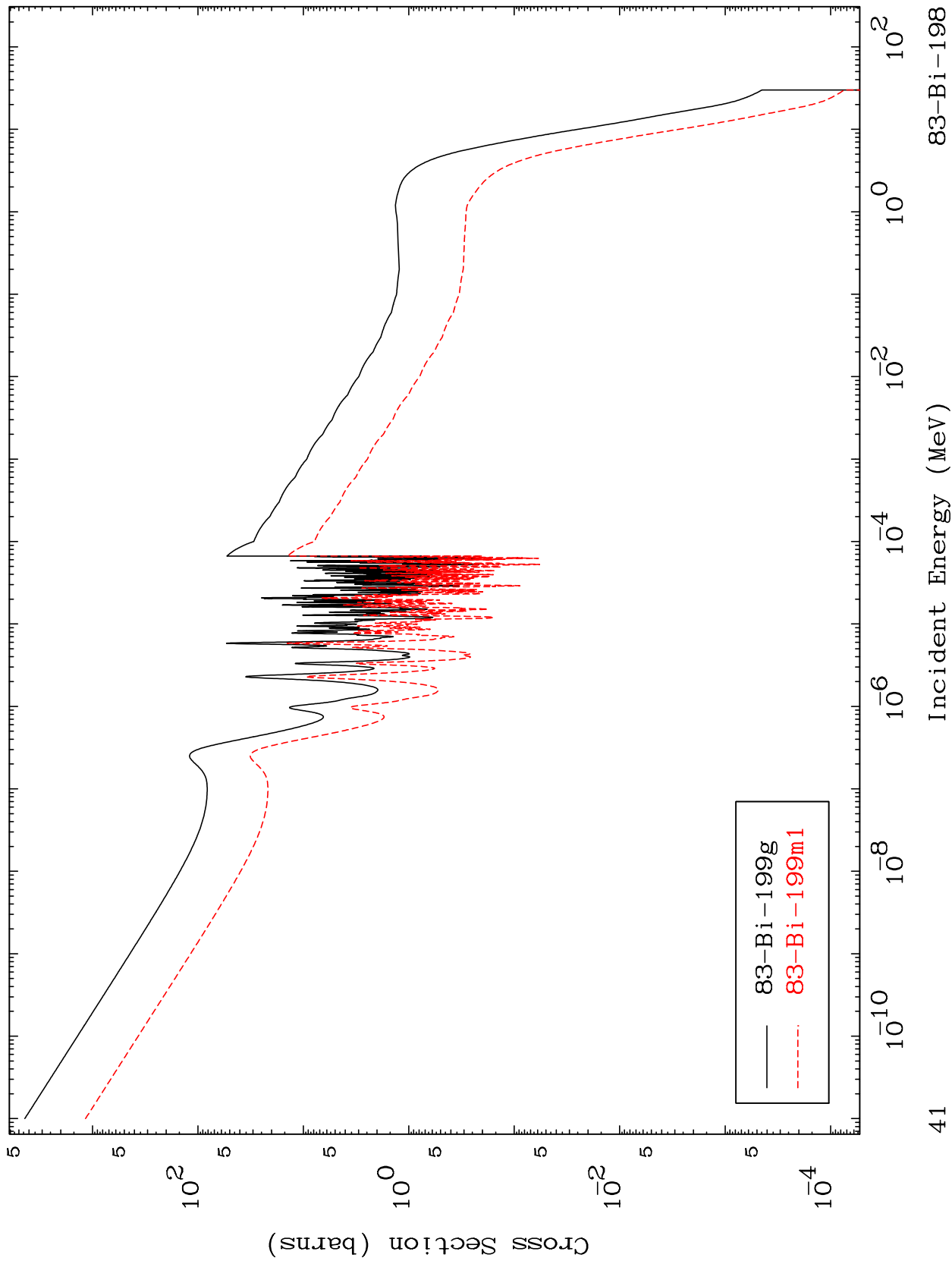
Incident Energy (MeV)

83-Bi-198

MAT 8292

83-Bi-198

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

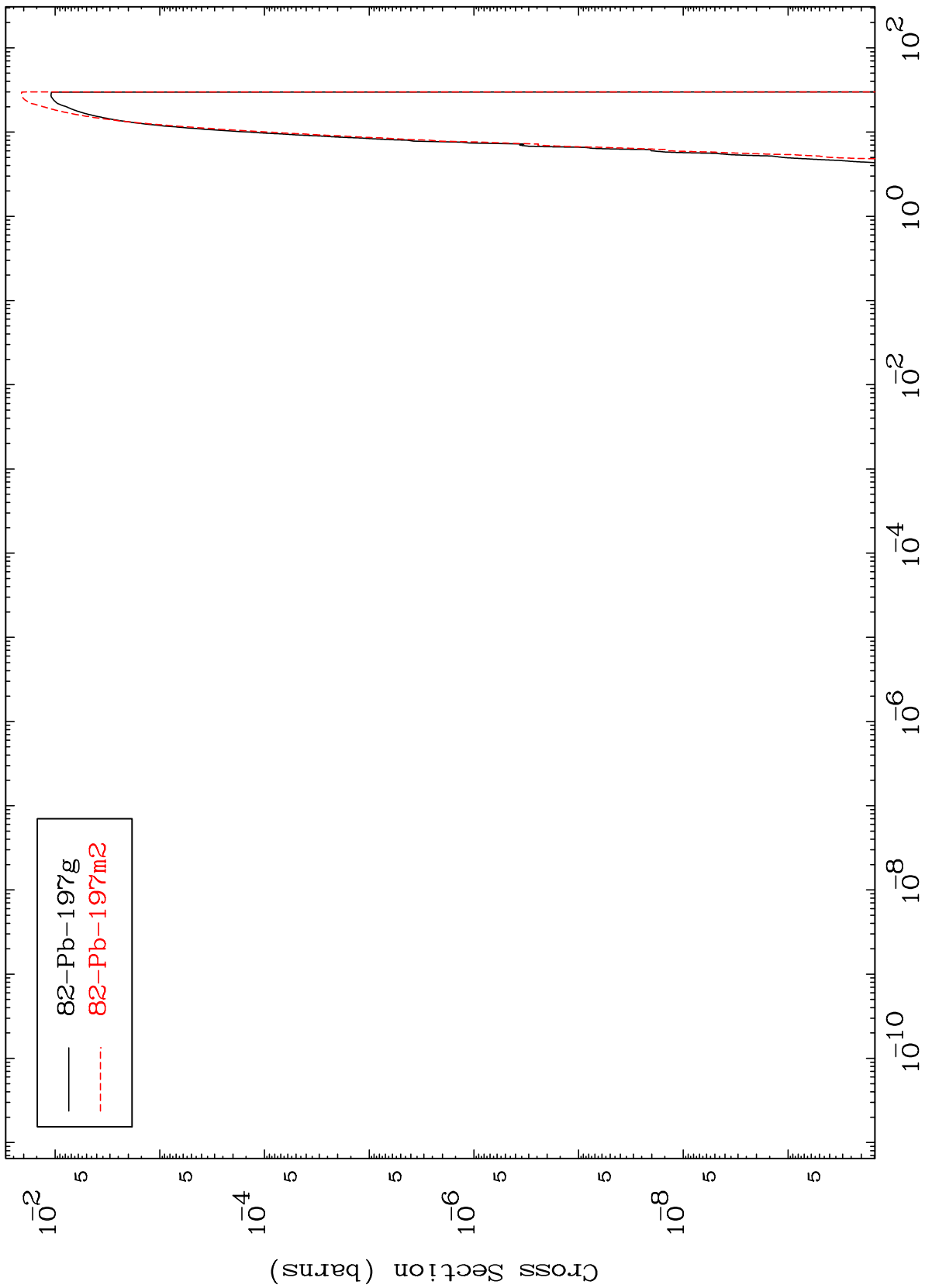


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(n,d)

83-Bi-198

Radionuclide Production Cross Section

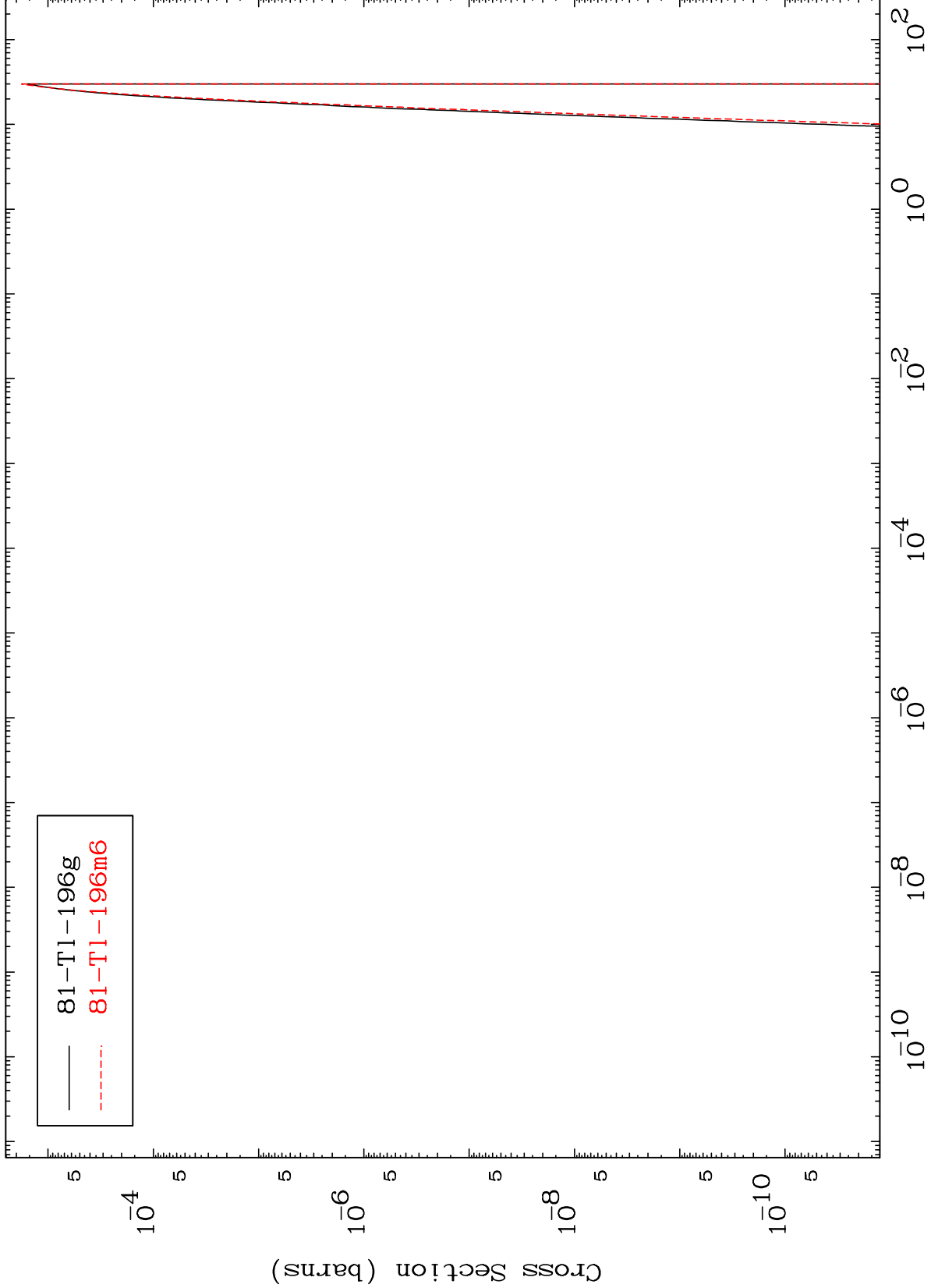


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(n,He-3)

83-Bi-198

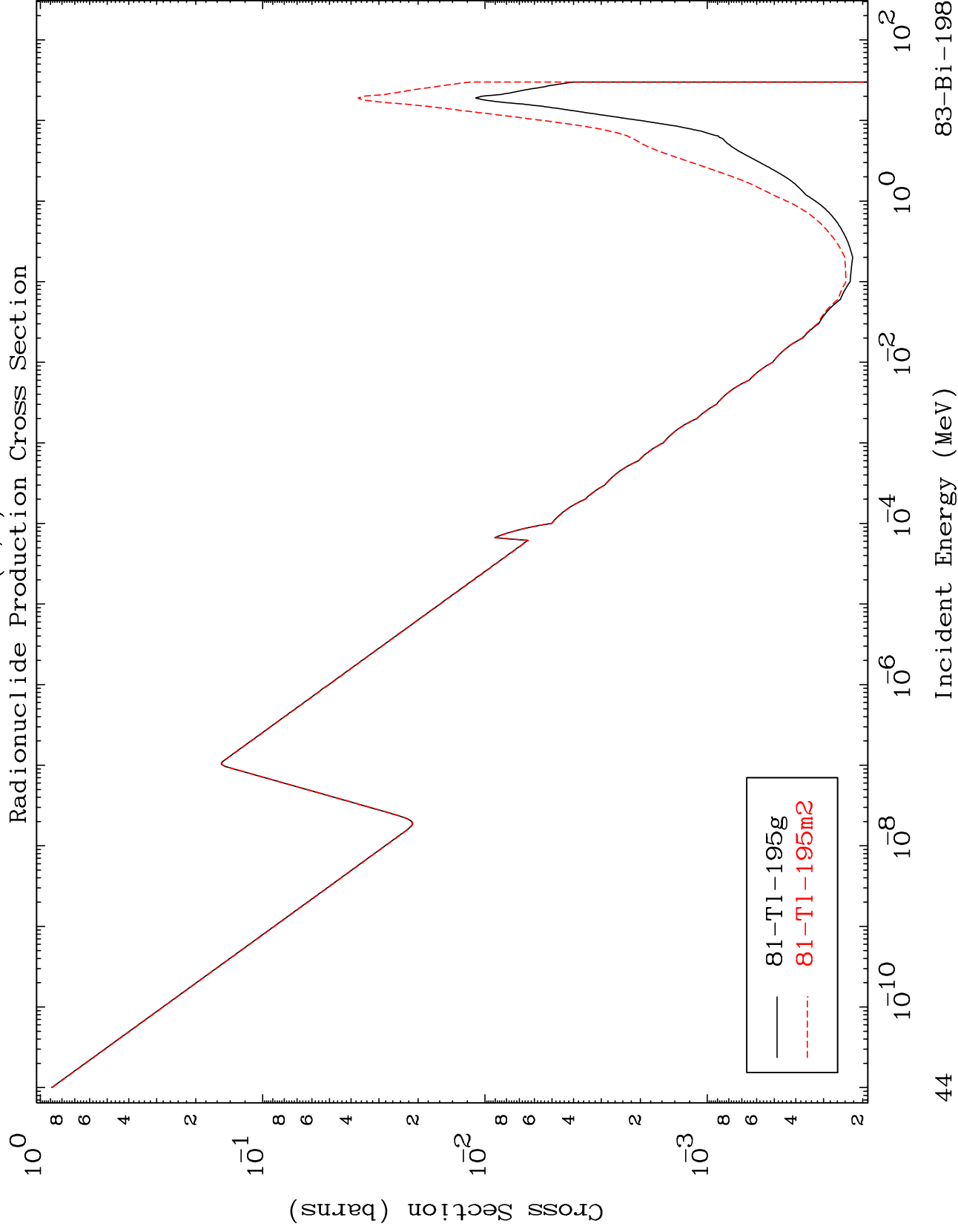
Radionuclide Production Cross Section



MAT 8292

(n,  $\alpha$ )

83-Bi-198

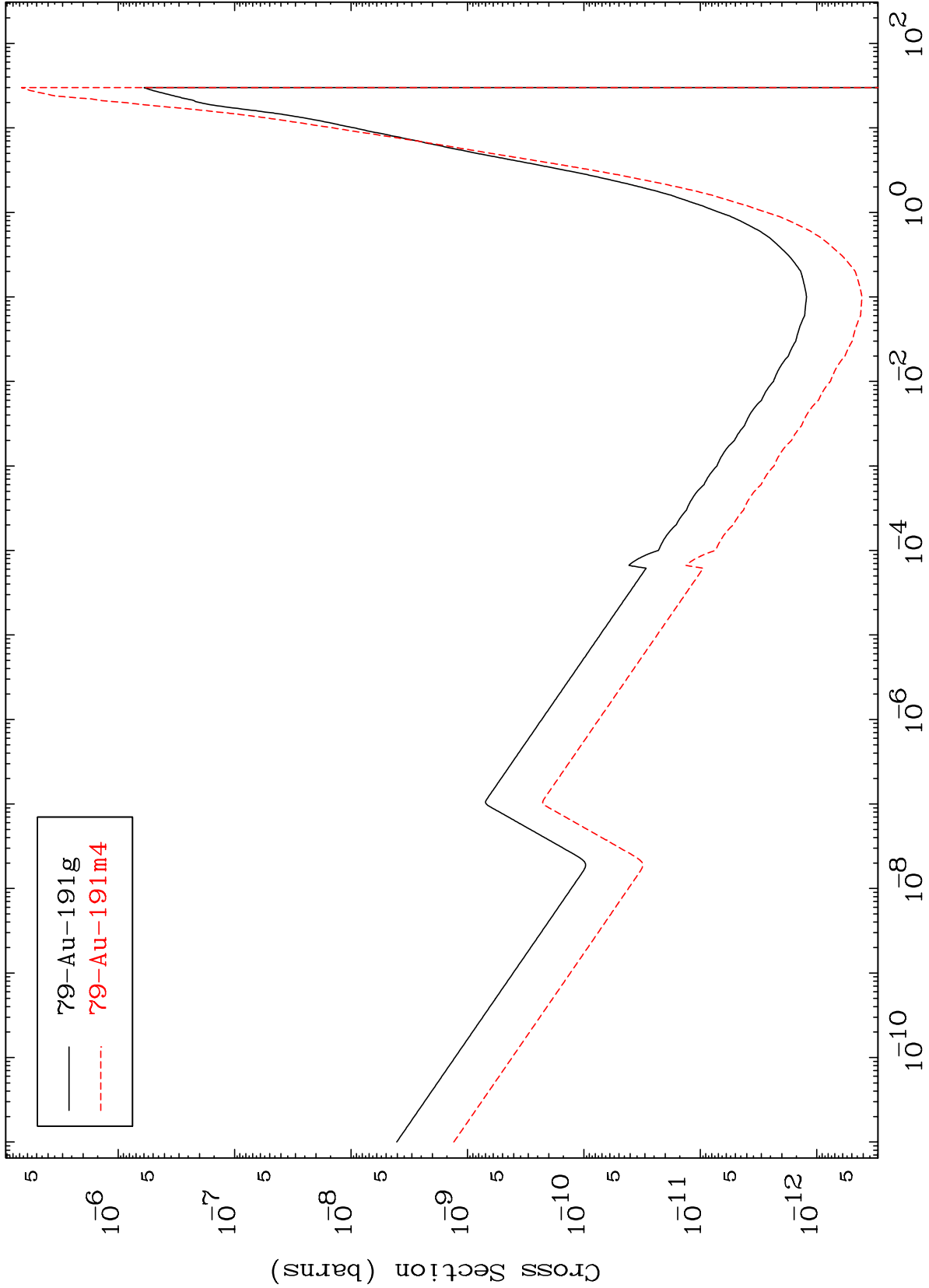


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(n,2α)

83-Bi-198

Radionuclide Production Cross Section



45

Incident Energy (MeV)

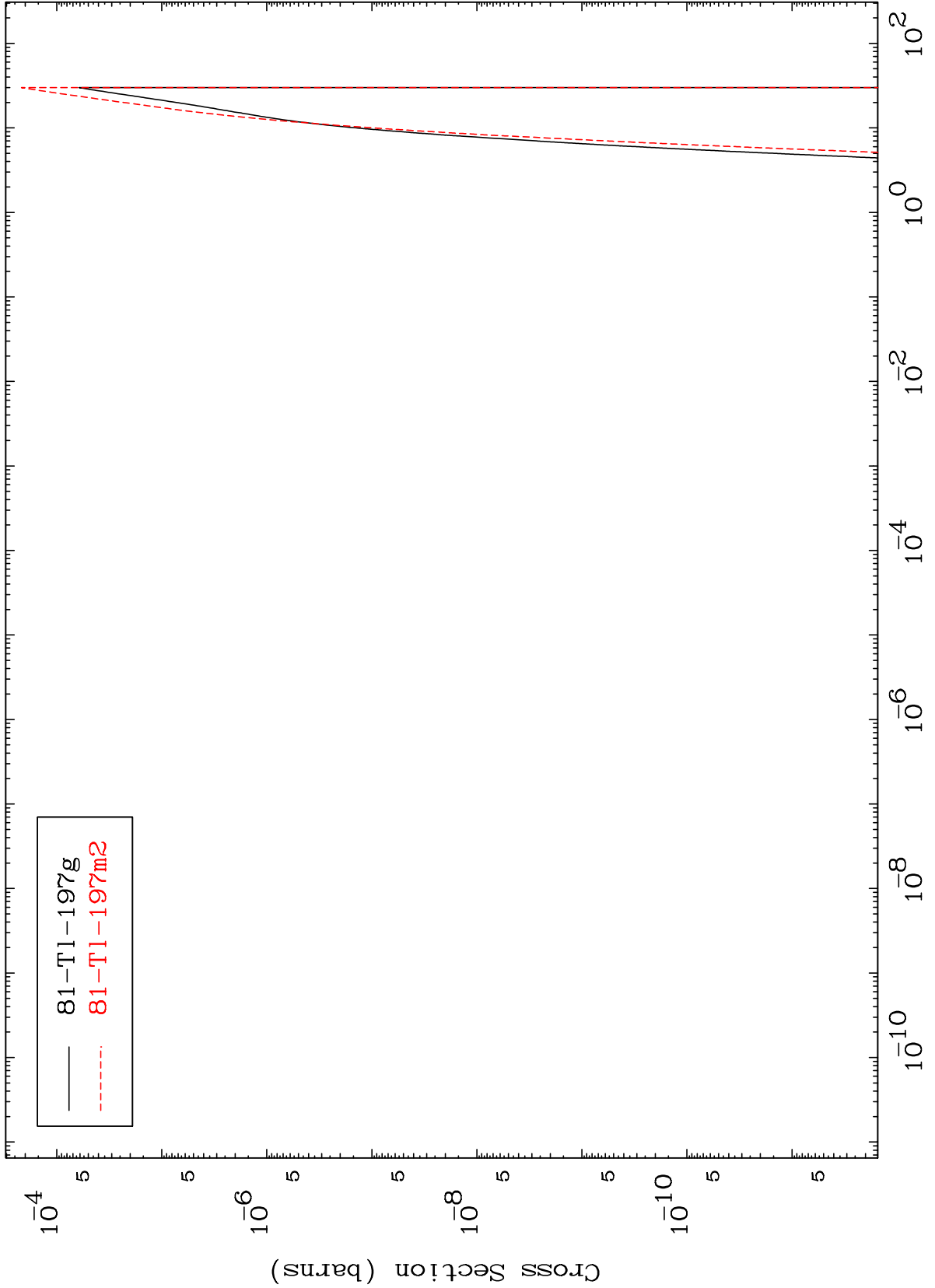
83-Bi-198

MAT 8292

(n,2p)

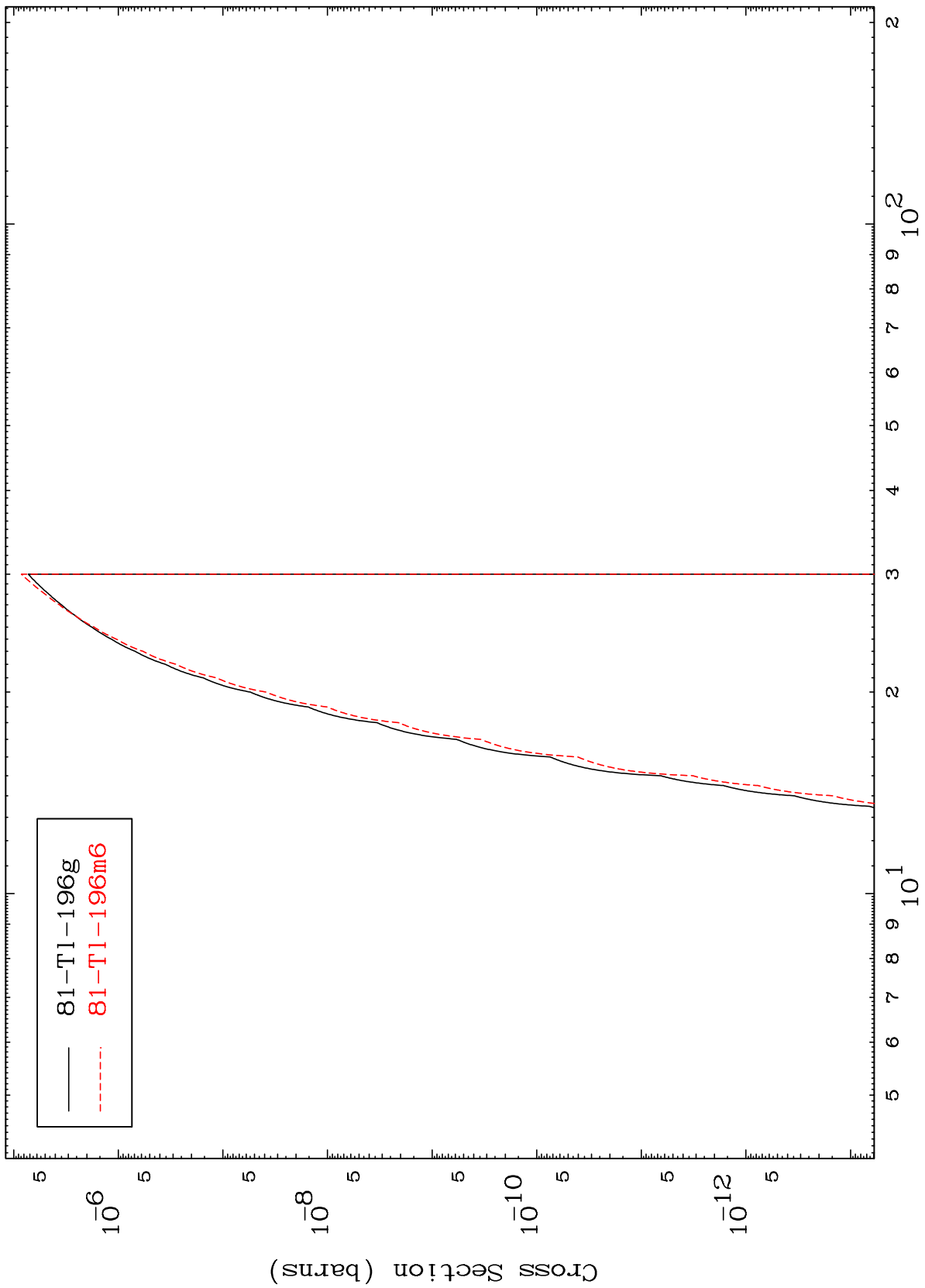
83-Bi-198

Radionuclide Production Cross Section



81-Tl-197g  
81-Tl-197m2

Radionuclide Production Cross Section



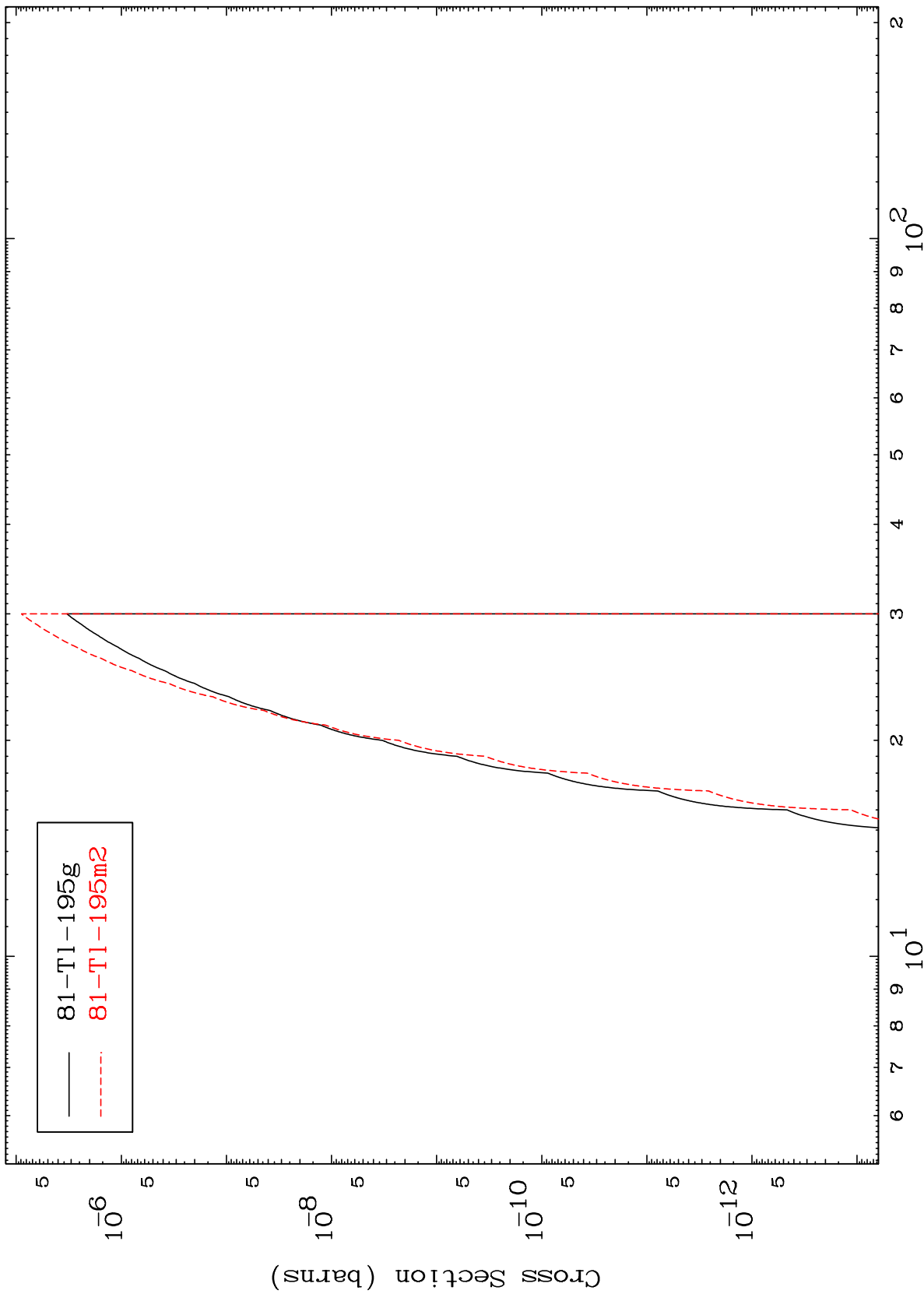


MAT 8292

(n,p) t

83-Bi-198

Radionuclide Production Cross Section



48

Incident Energy (MeV)

83-Bi-198

MAT 8292

(n,d)  $\alpha$

83-Bi-198

Radionuclide Production Cross Section

