

Program EVALPLOT  
(Version 2018-1)

by

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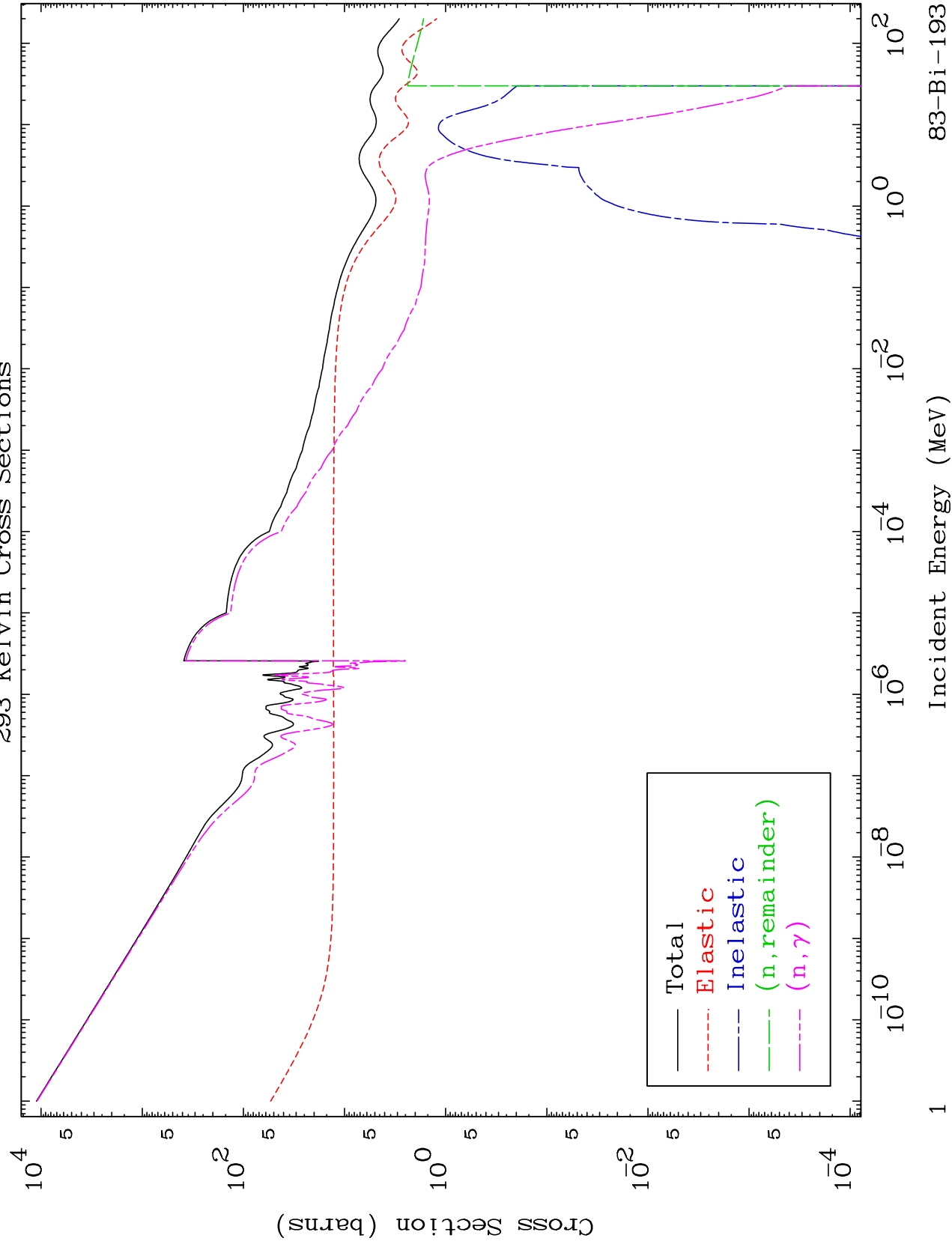
Press Mouse Button to Start

MAT 8277

Major

293 Kelvin Cross Sections

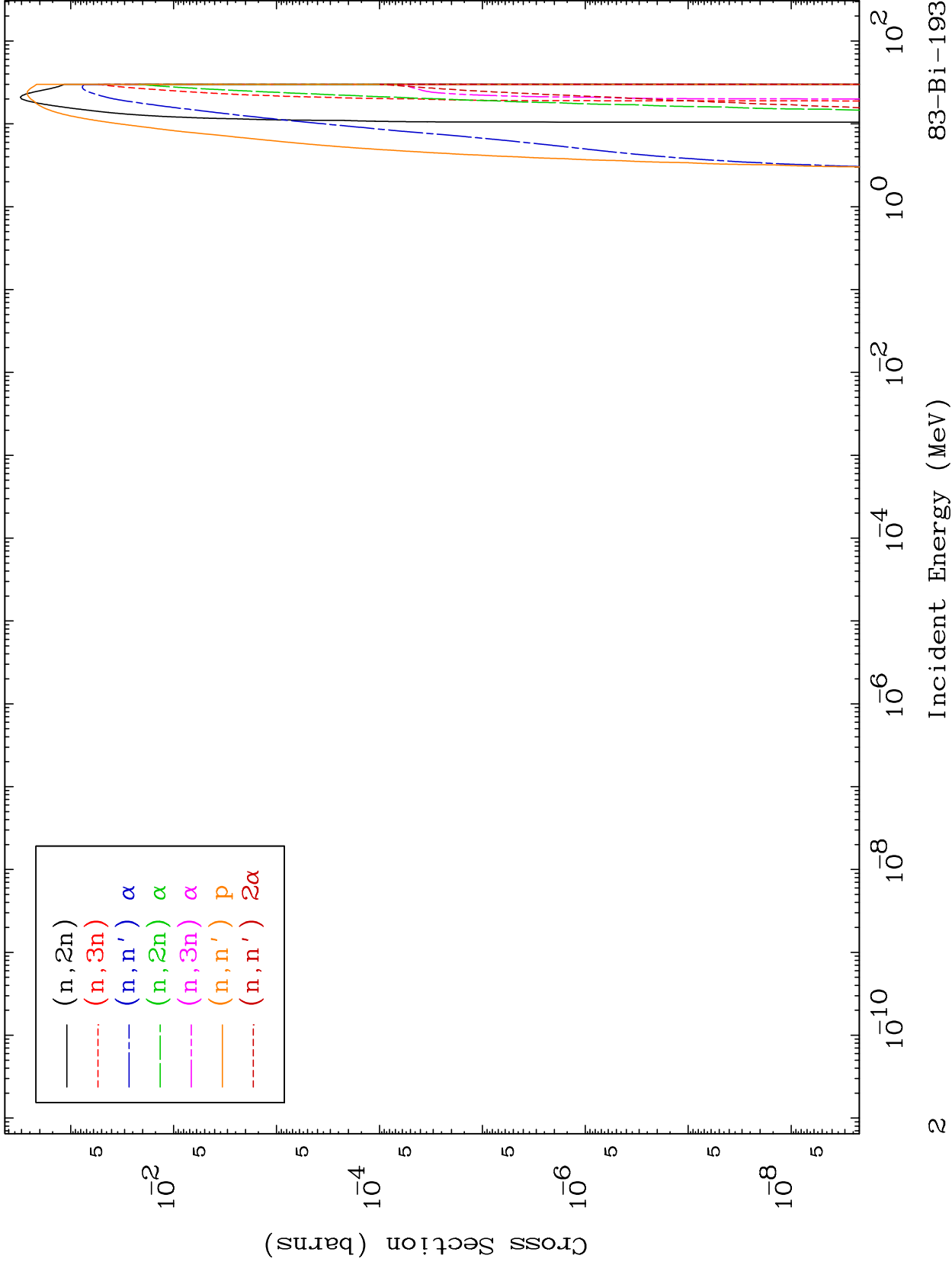
83-Bi-193



MAT 8277

Neutron Production  
293 Kelvin Cross Sections

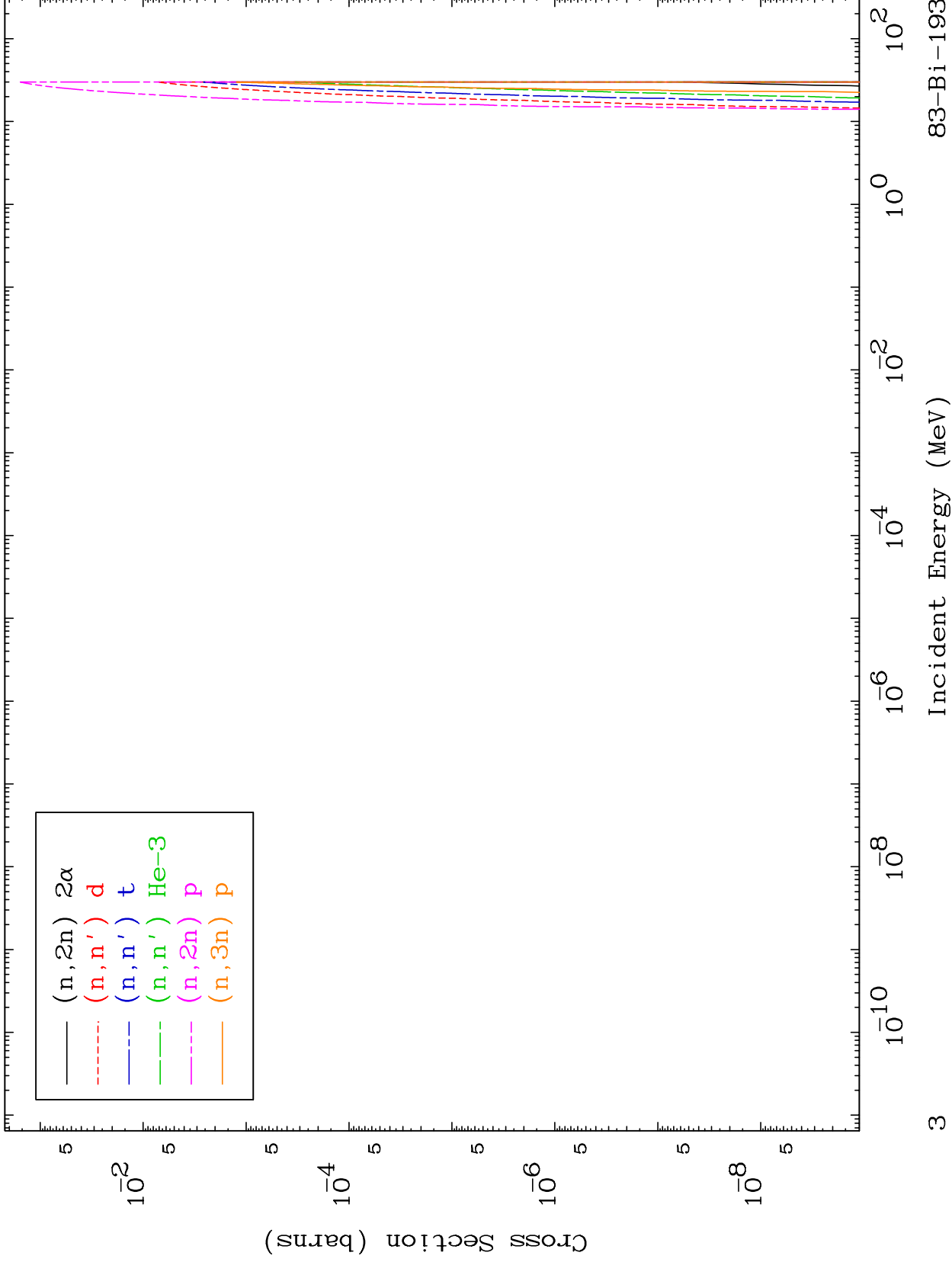
83-Bi-193



MAT 8277

Neutron Production  
293 Kelvin Cross Sections

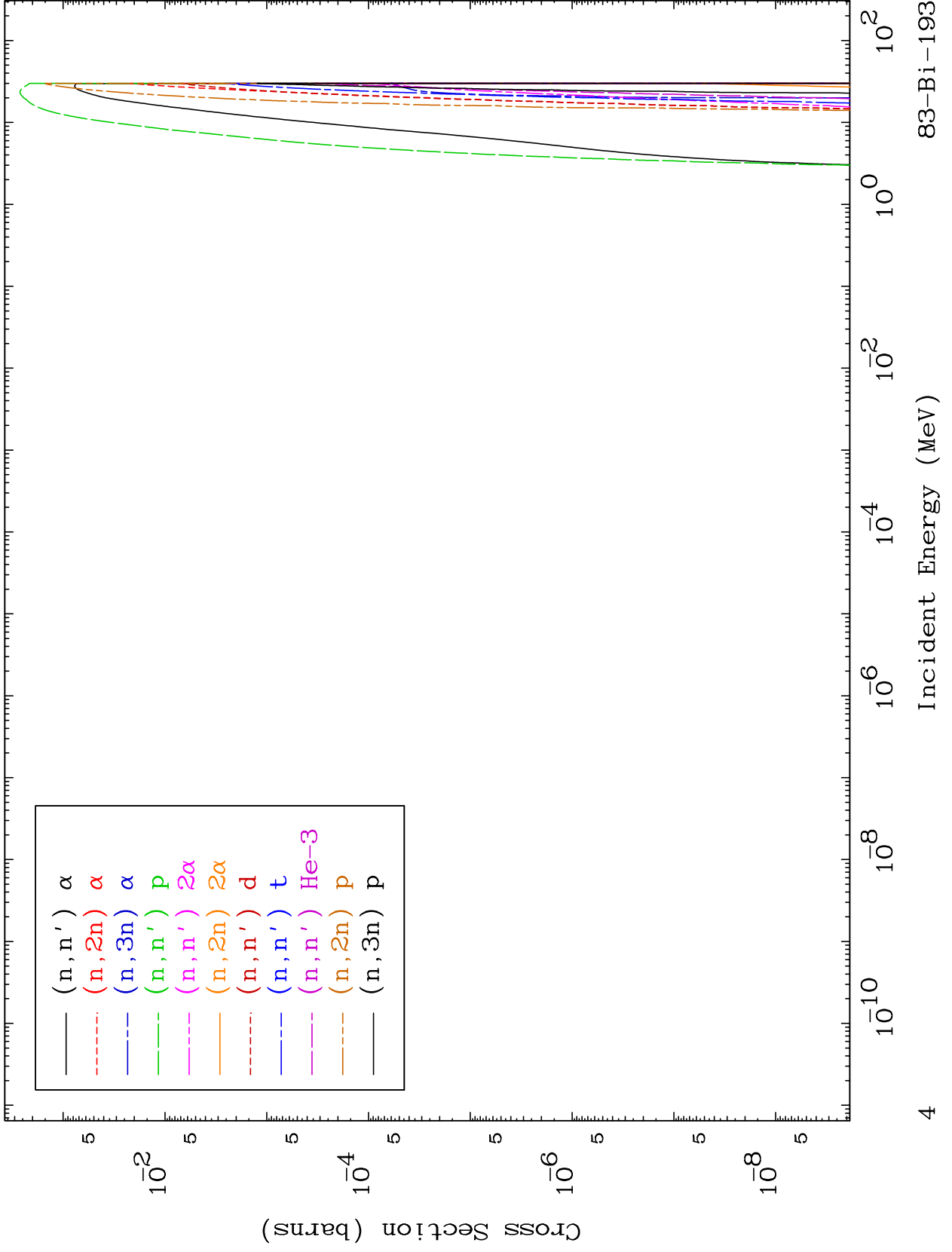
83-Bi-193



MAT 8277

Charged Particle  
293 Kelvin Cross Sections

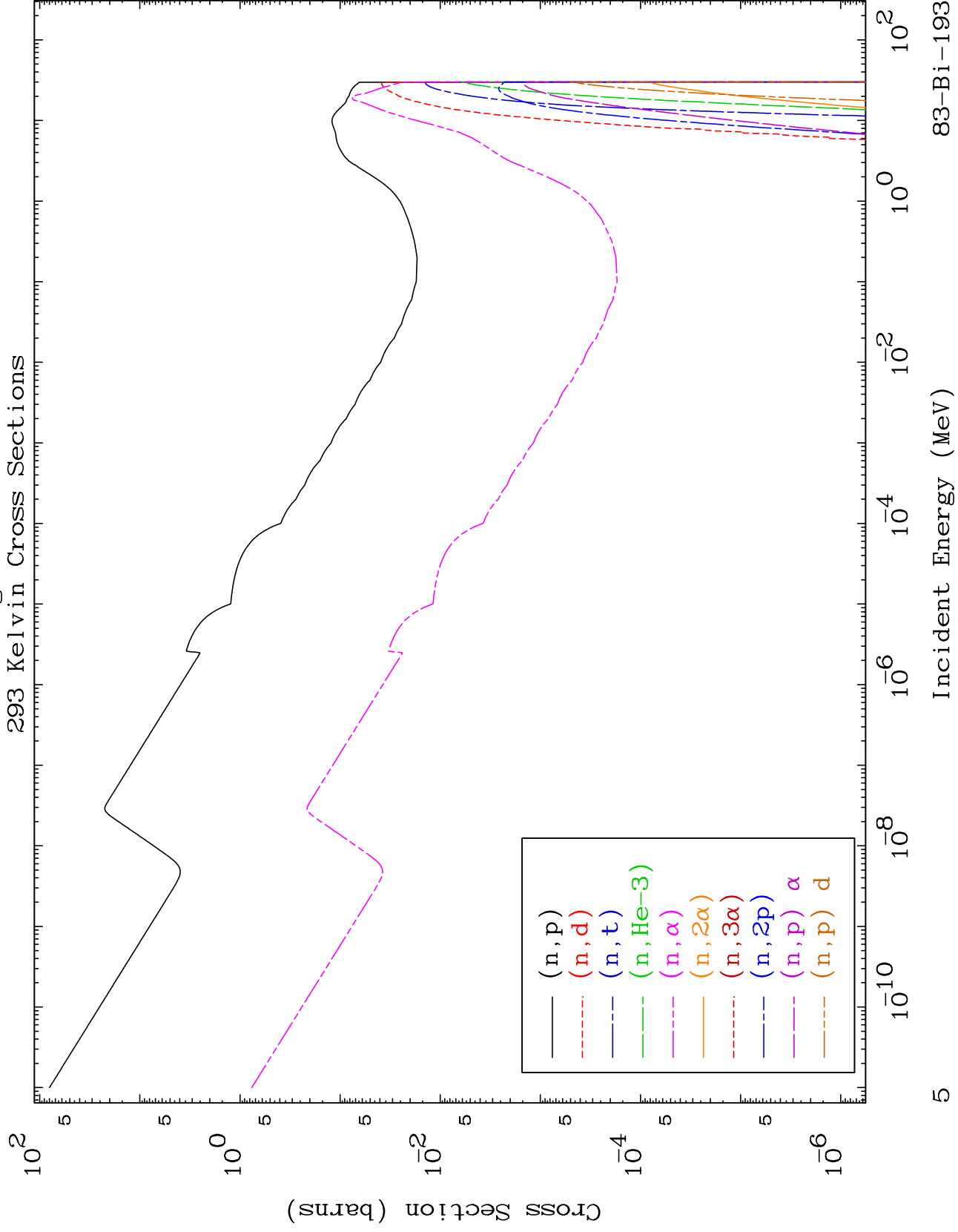
83-Bi-193



MAT 8277

Charged Particle  
293 Kelvin Cross Sections

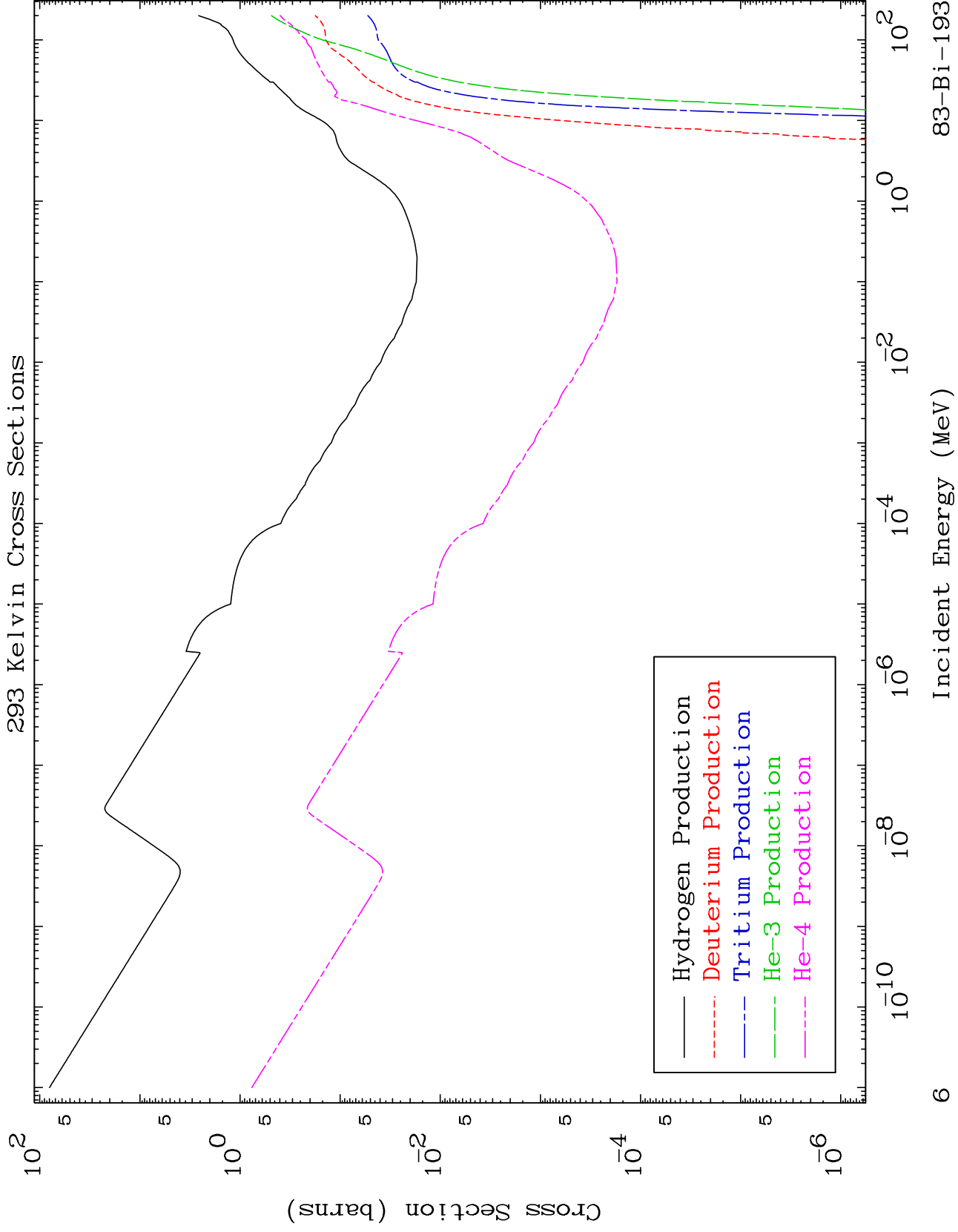
83-Bi-193



MAT 8277

Particle Production  
293 Kelvin Cross Sections

83-Bi-193

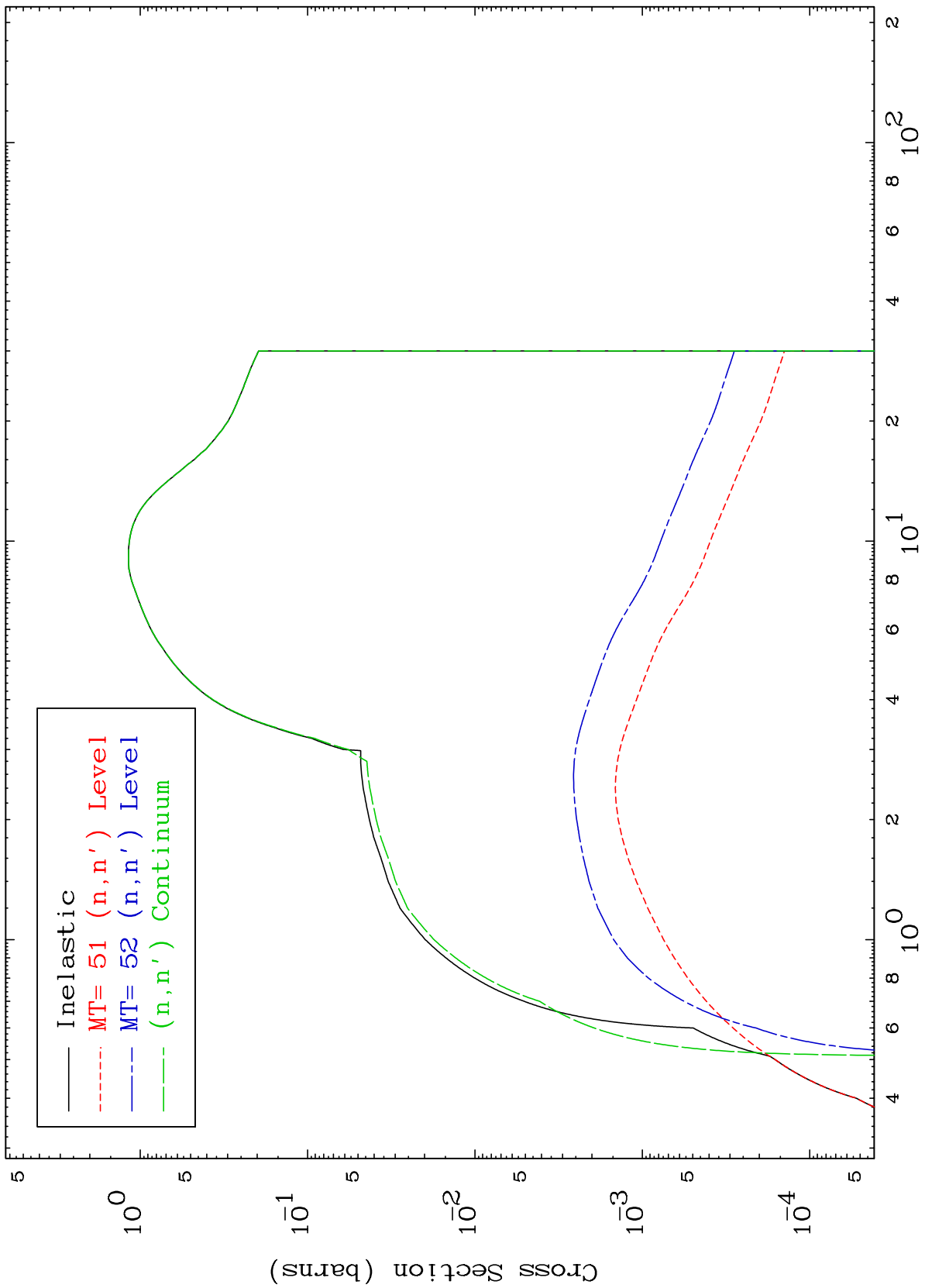


MAT 8277

(n,n') Level

83-Bi-193

293 Kelvin Cross Sections

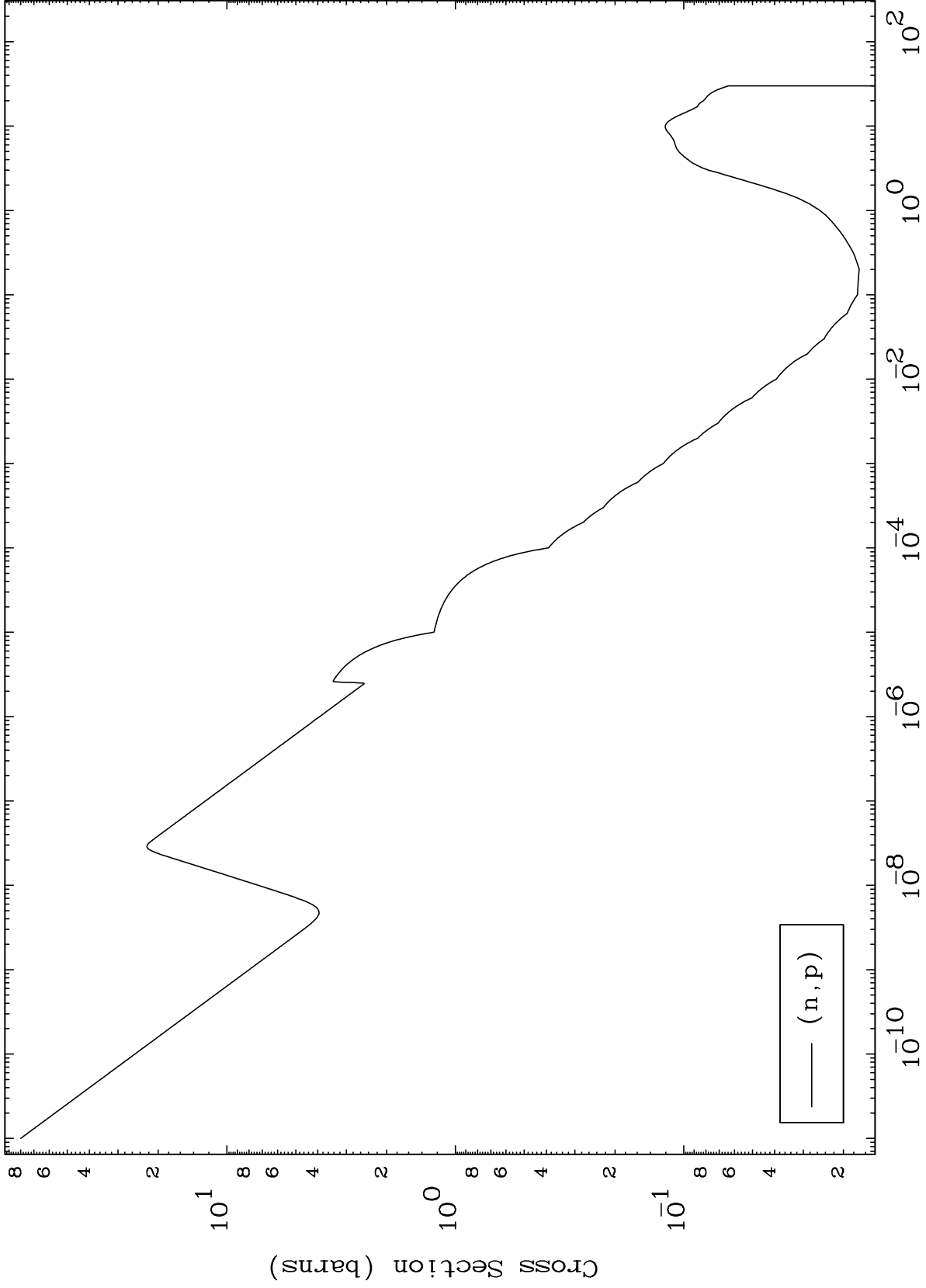




MAT 8277

(n,p) Levels  
293 Kelvin Cross Sections

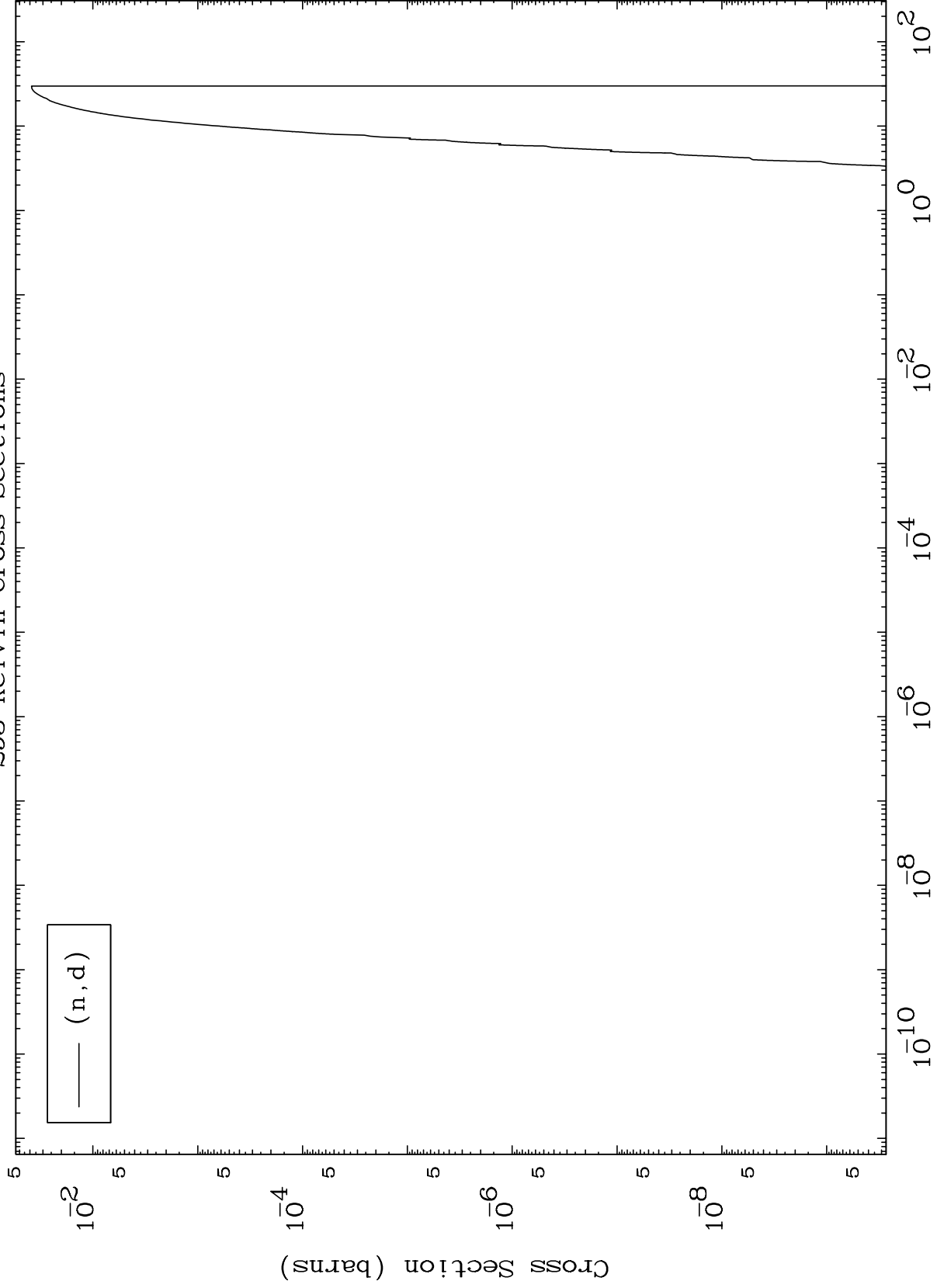
83-Bi-193



MAT 8277

(n,d) Levels  
293 Kelvin Cross Sections

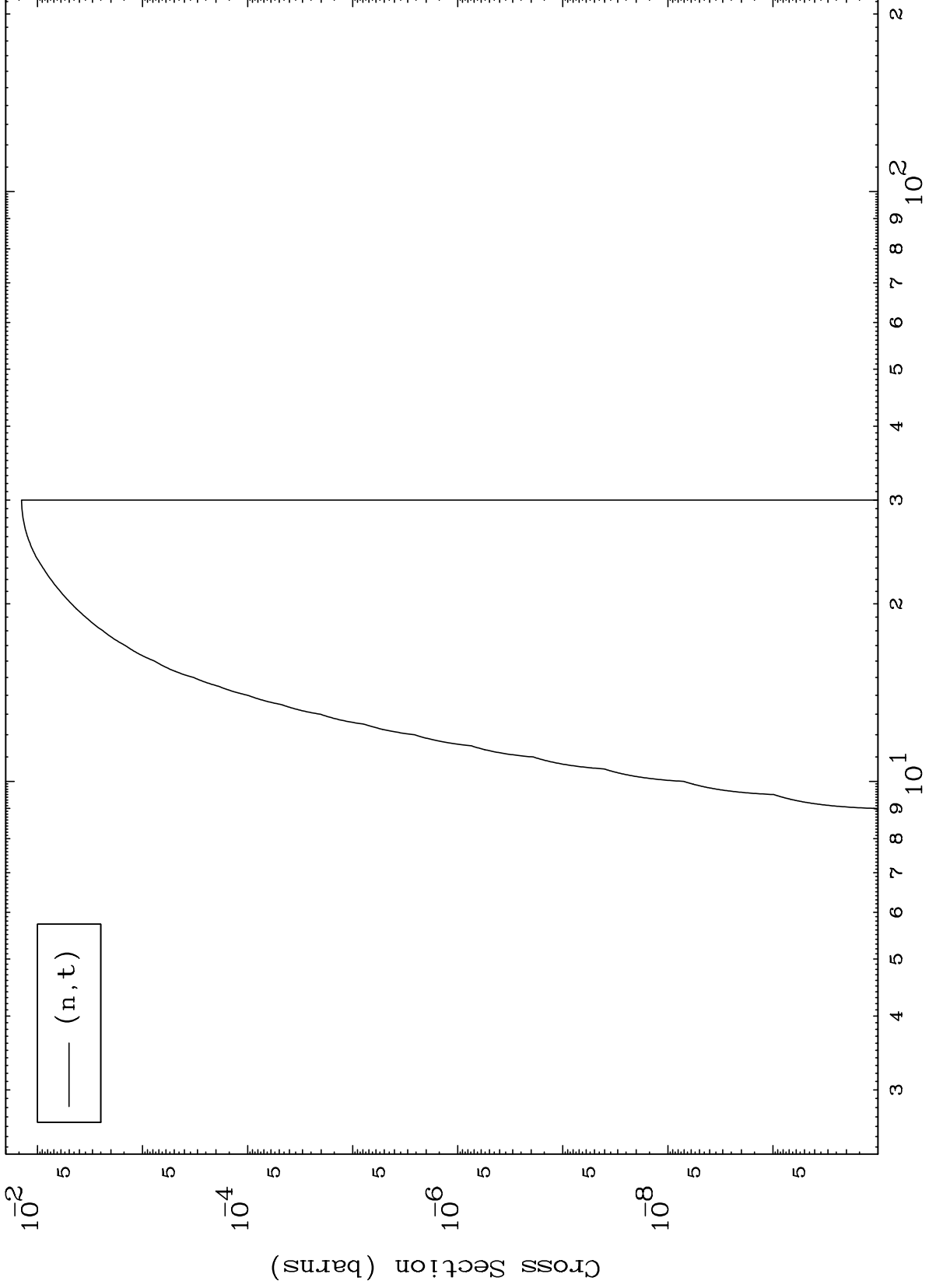
83-Bi-193



MAT 8277

(n,t) Levels  
293 Kelvin Cross Sections

83-Bi-193



10

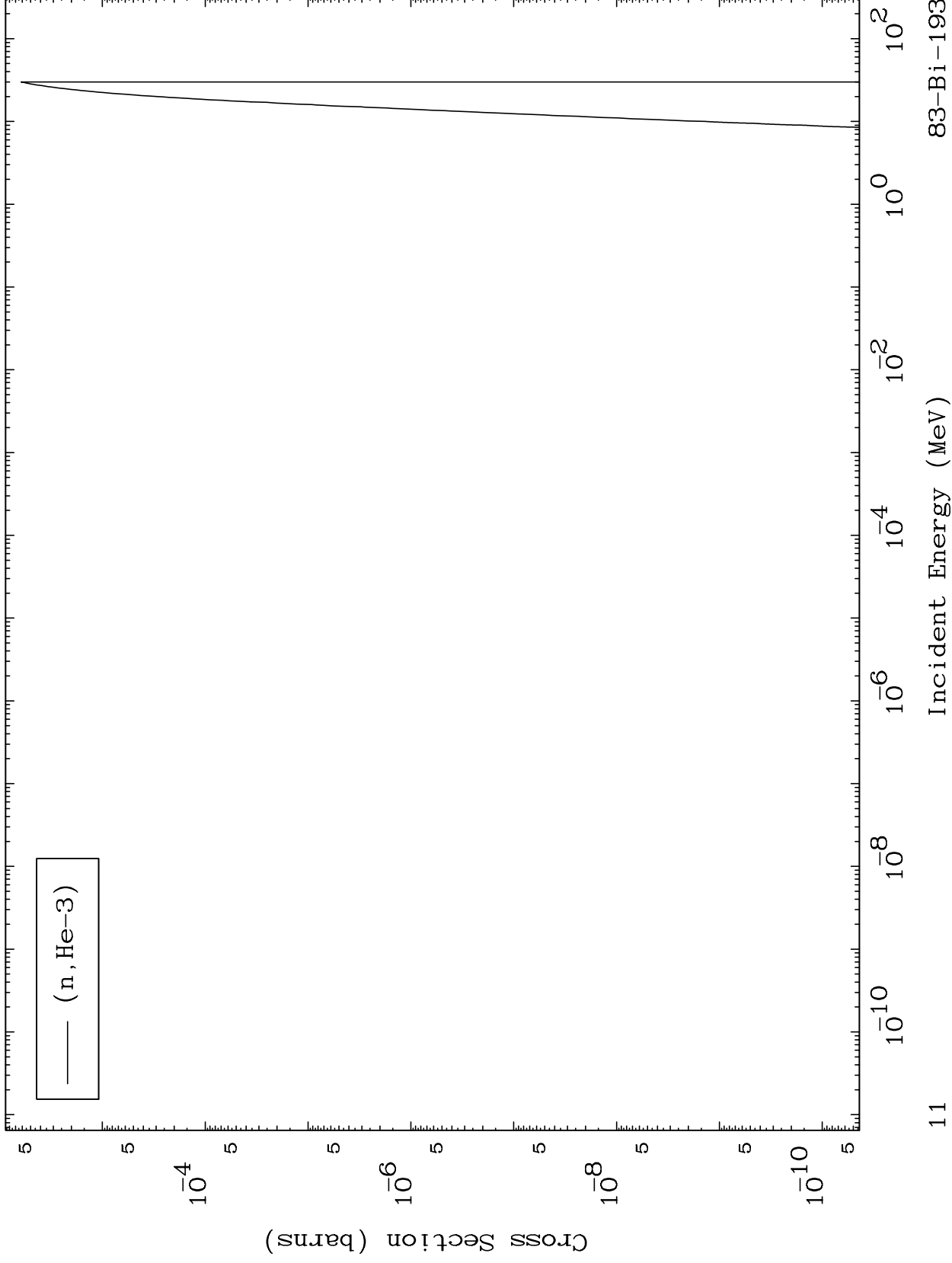
Incident Energy (MeV)

83-Bi-193

MAT 8277

(n,He3) Levels  
293 Kelvin Cross Sections

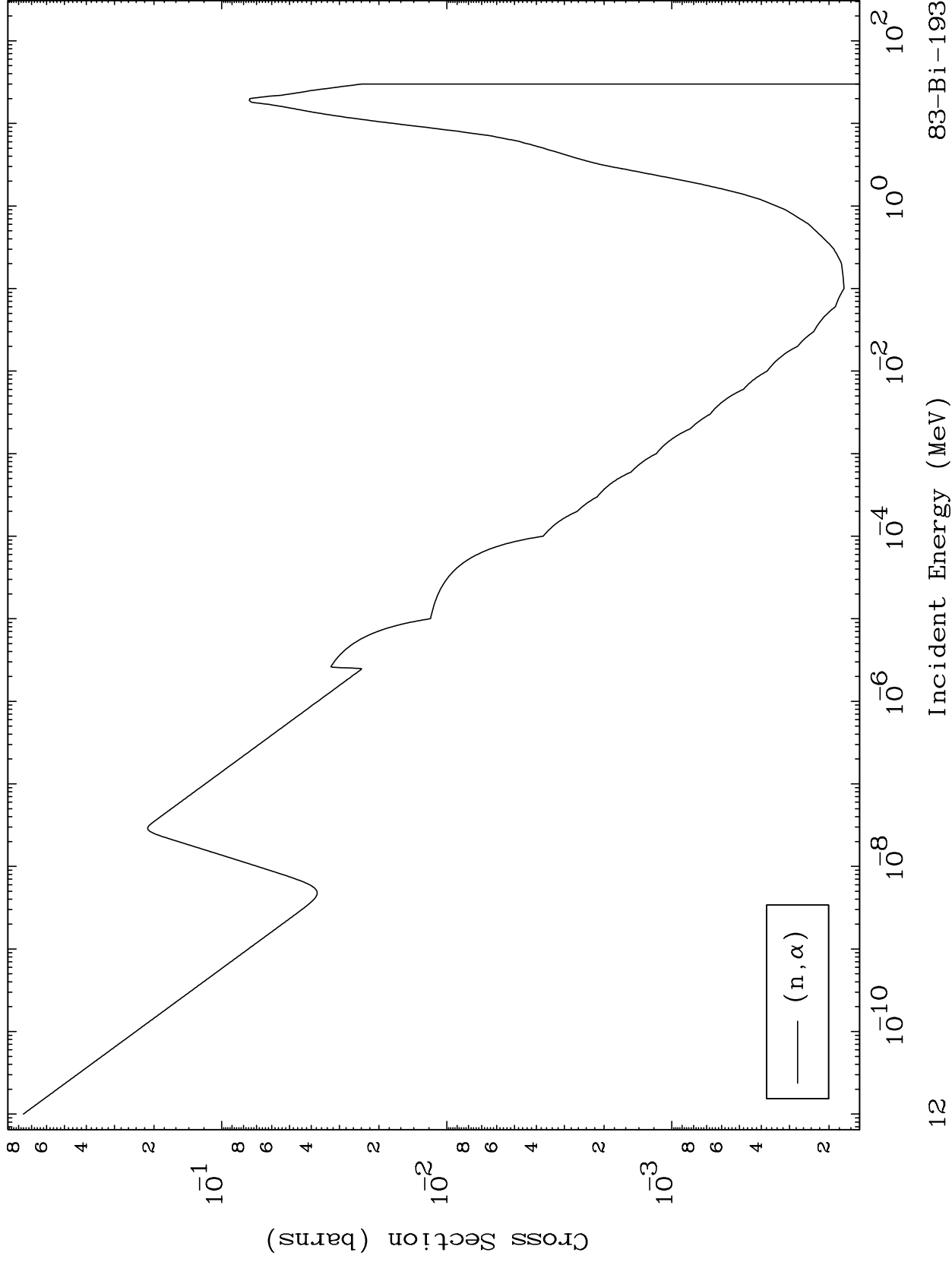
83-Bi-193

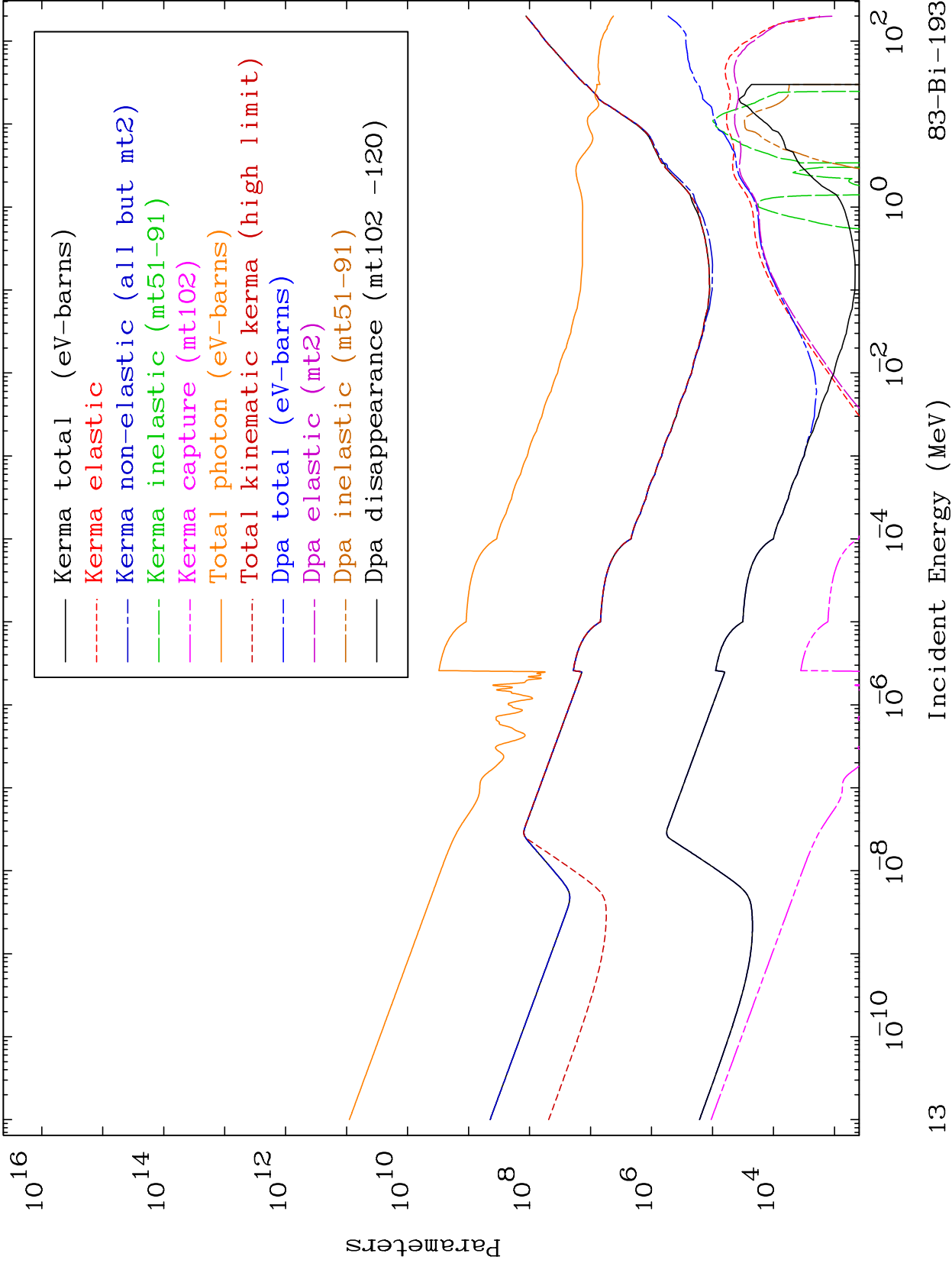


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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

83-Bi-193

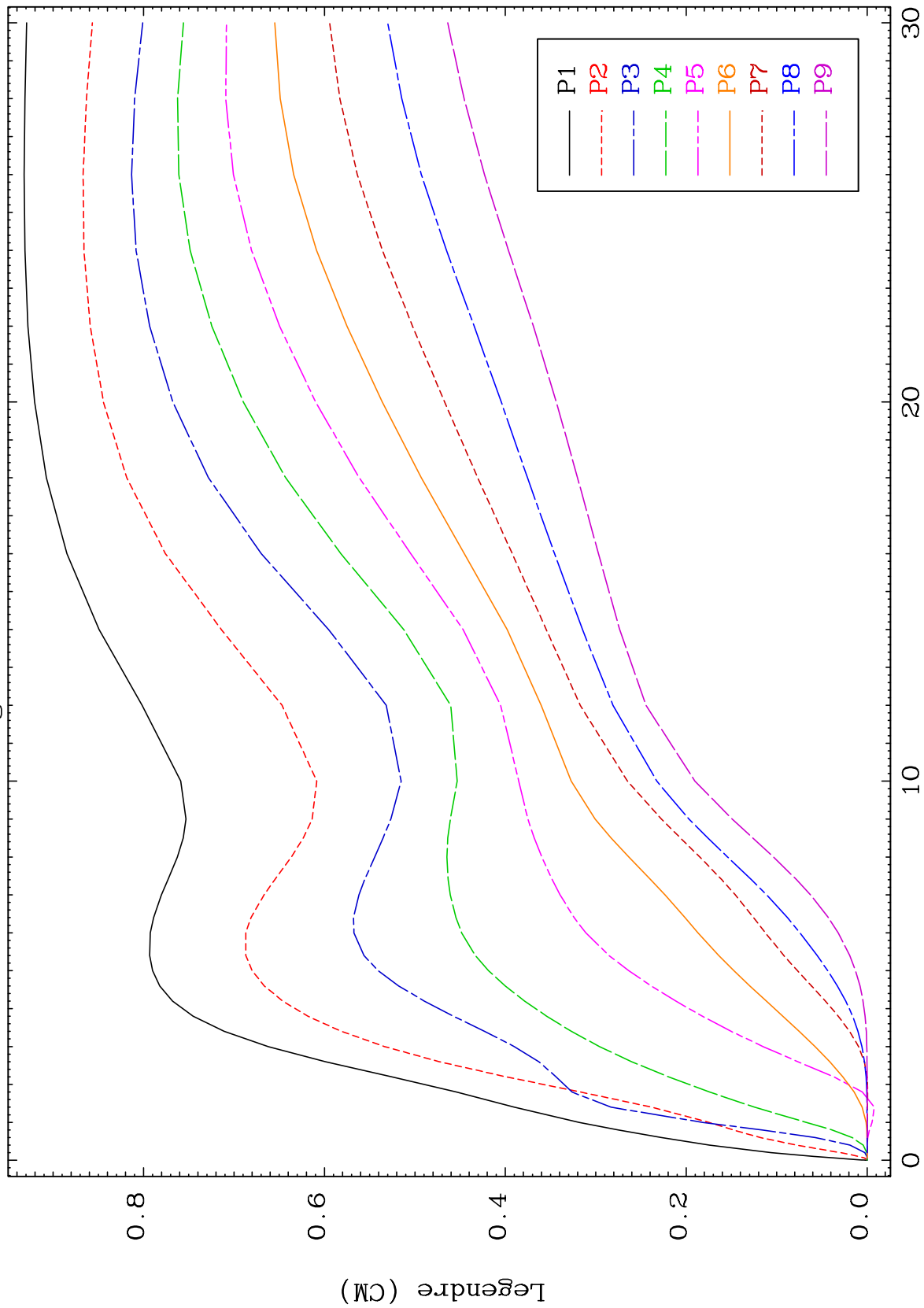




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Elastic Legendre Coefficients

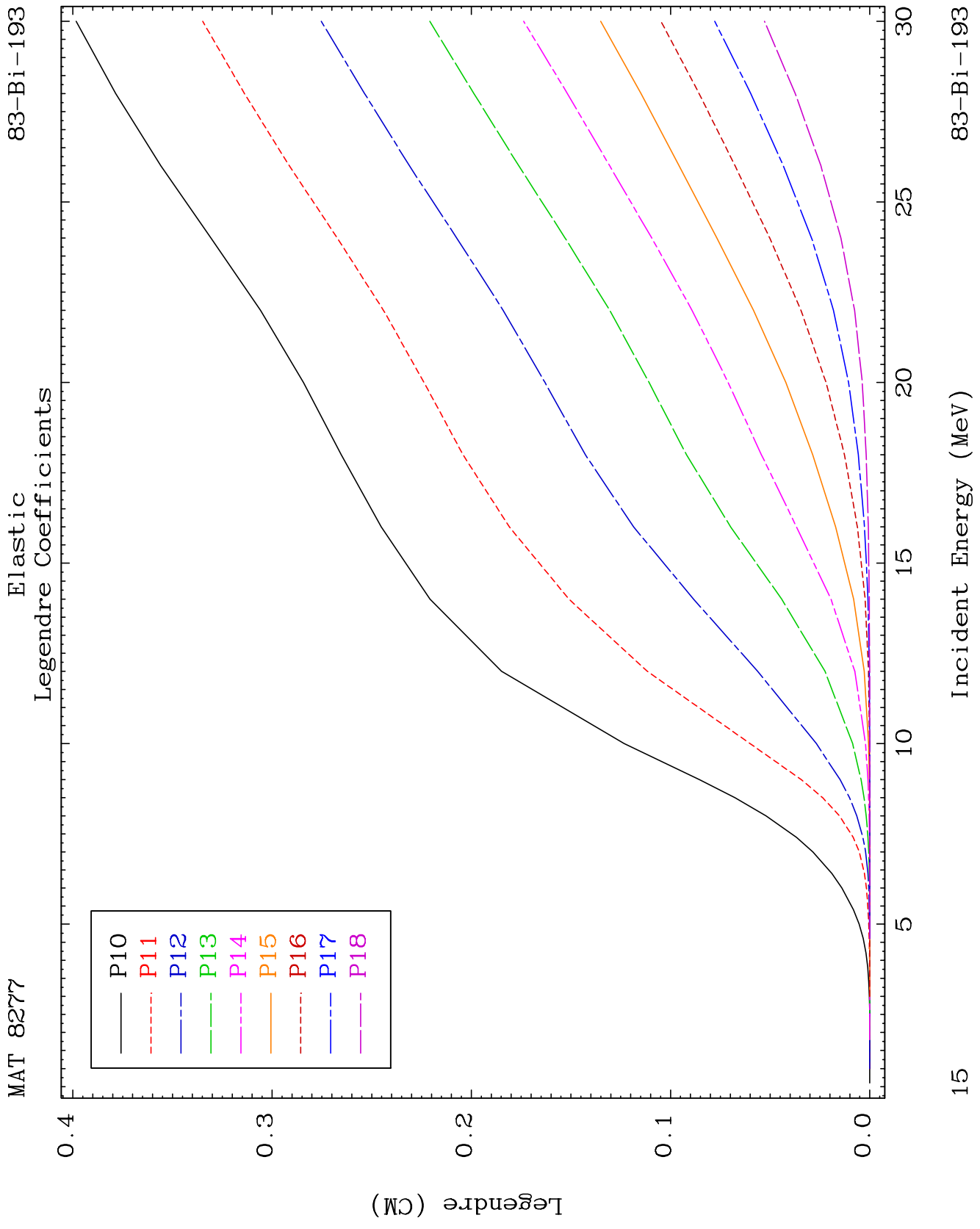
83-Bi-193



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Incident Energy (MeV)

83-Bi-193

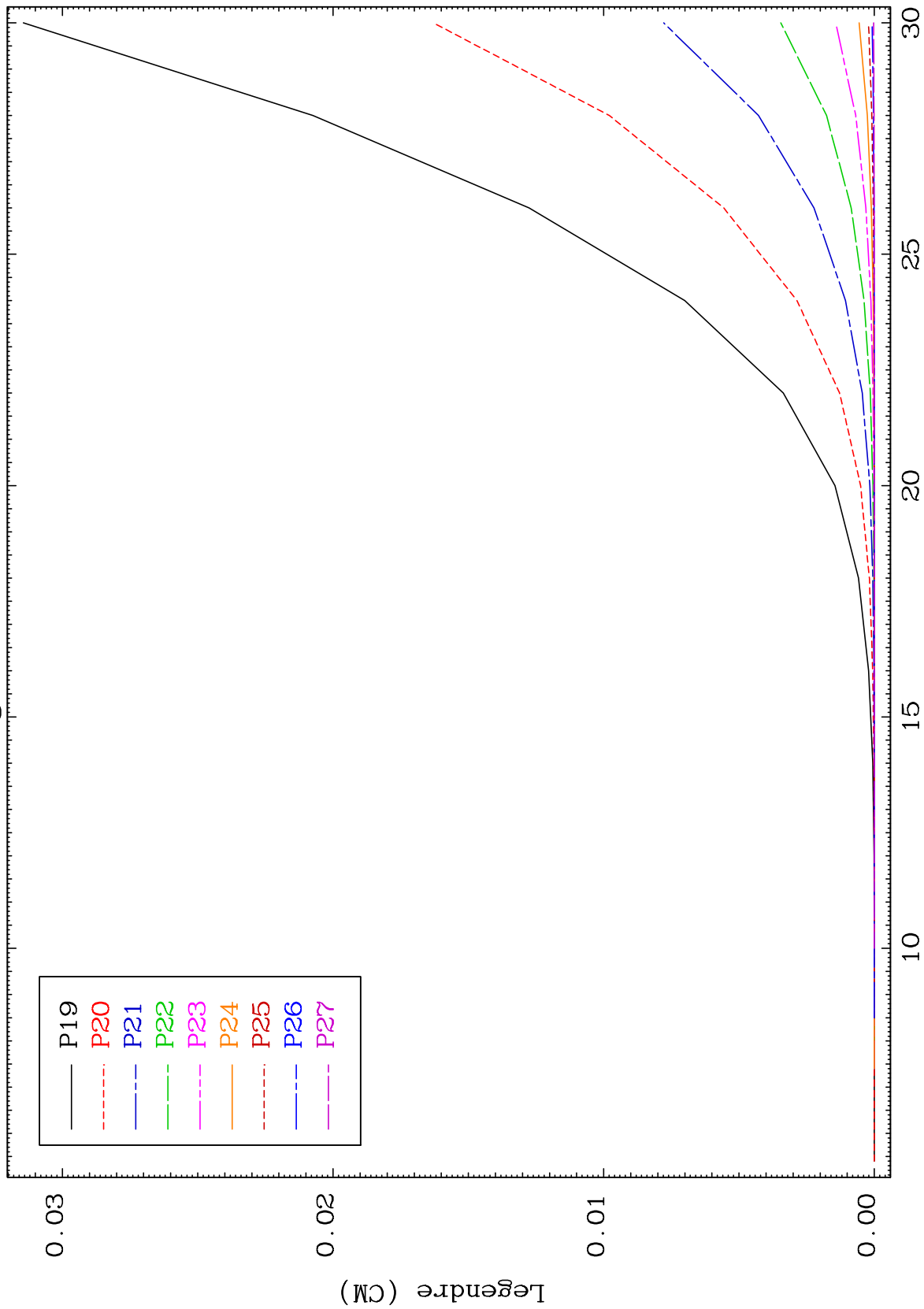




MAT 8277

Elastic Legendre Coefficients

83-Bi-193



16

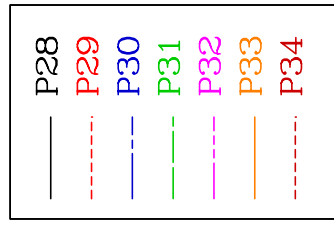
Incident Energy (MeV)

83-Bi-193

MAT 8277

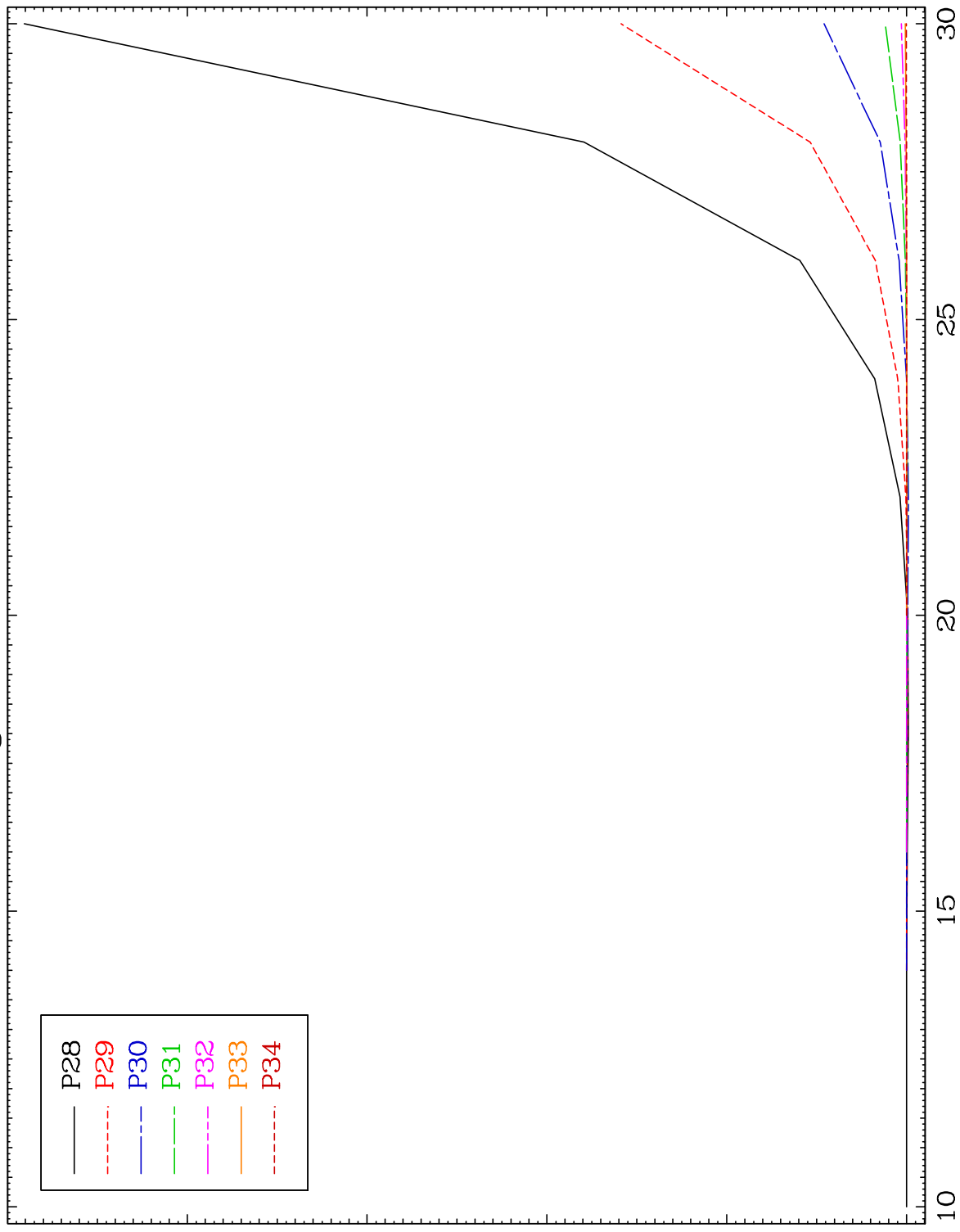
Elastic  
Legendre Coefficients

83-Bi-193



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

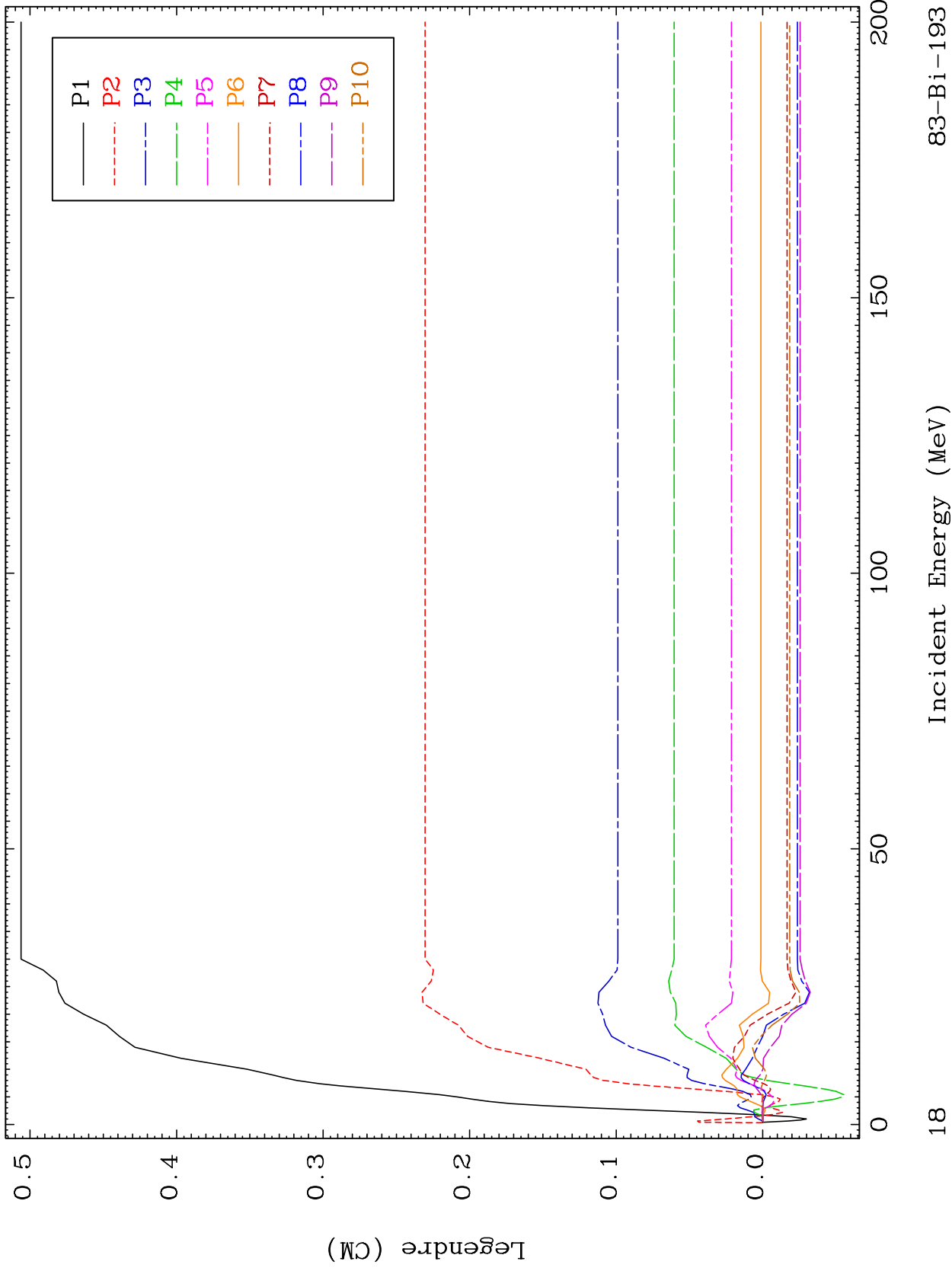
Incident Energy (MeV)

83-Bi-193

MAT 8277

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

83-Bi-193



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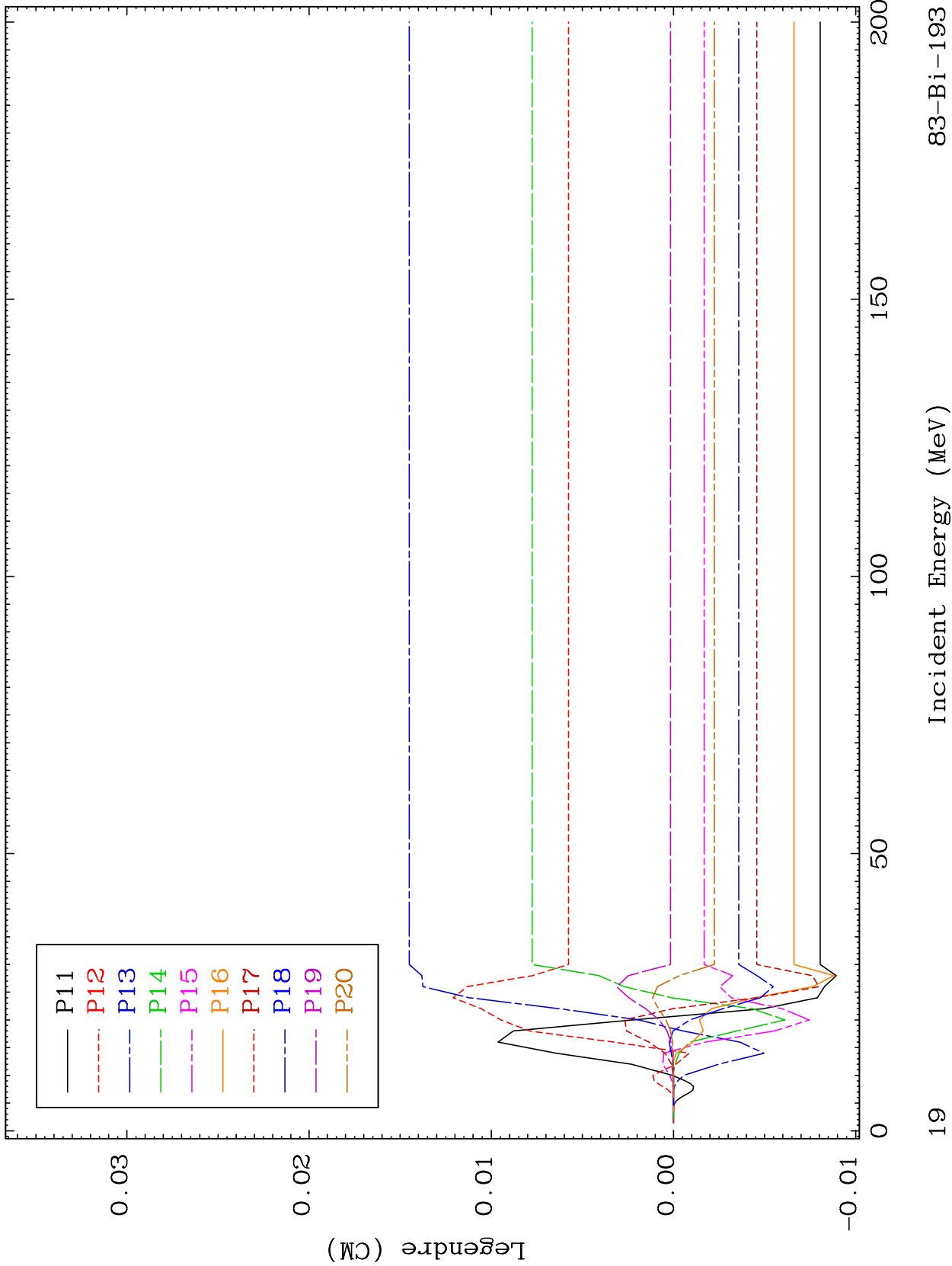
Incident Energy (MeV)

83-Bi-193

MAT 8277

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

83-Bi-193



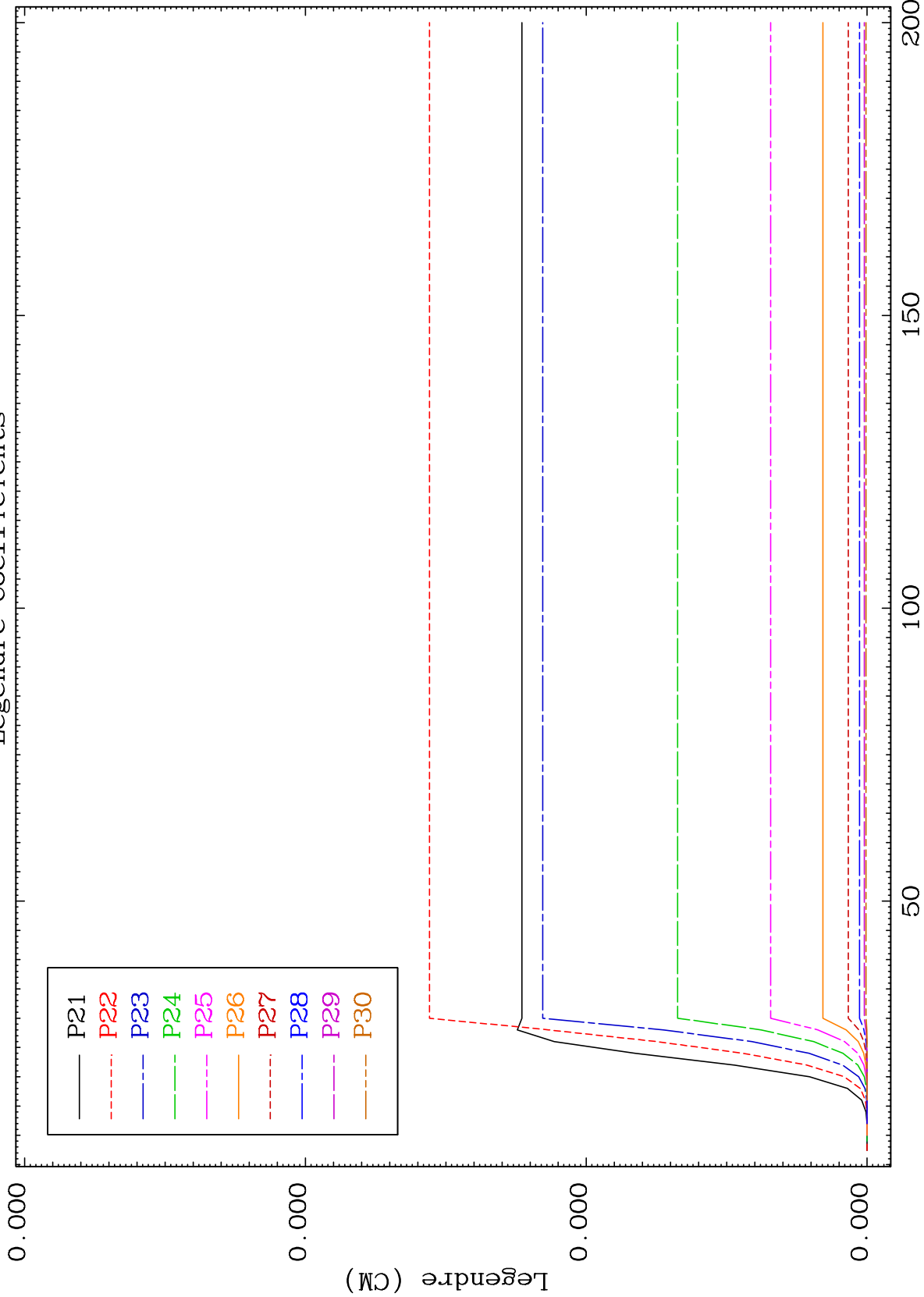
19

83-Bi-193

MAT 8277

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

83-Bi-193



20

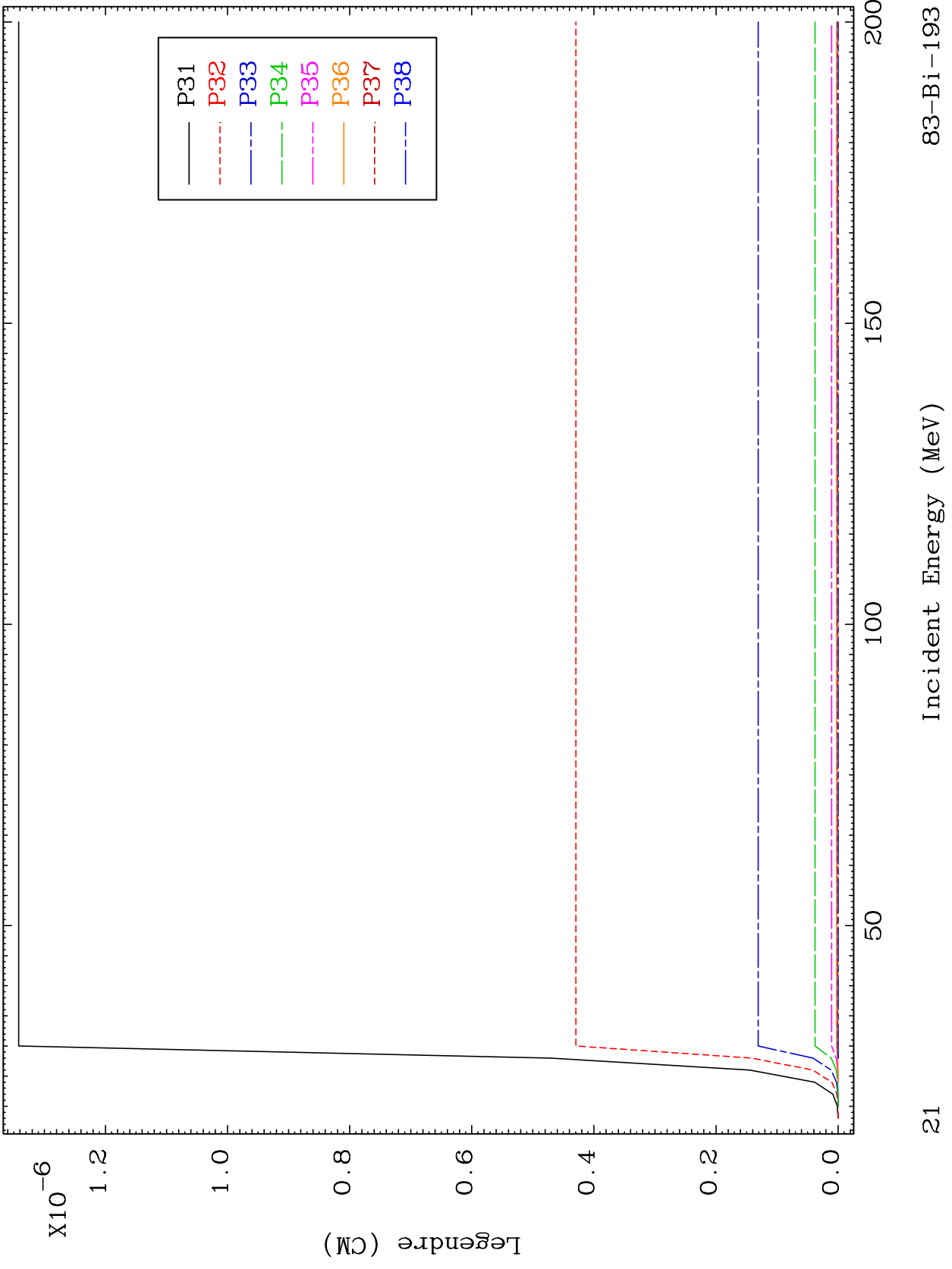
Incident Energy (MeV)

83-Bi-193

MAT 8277

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

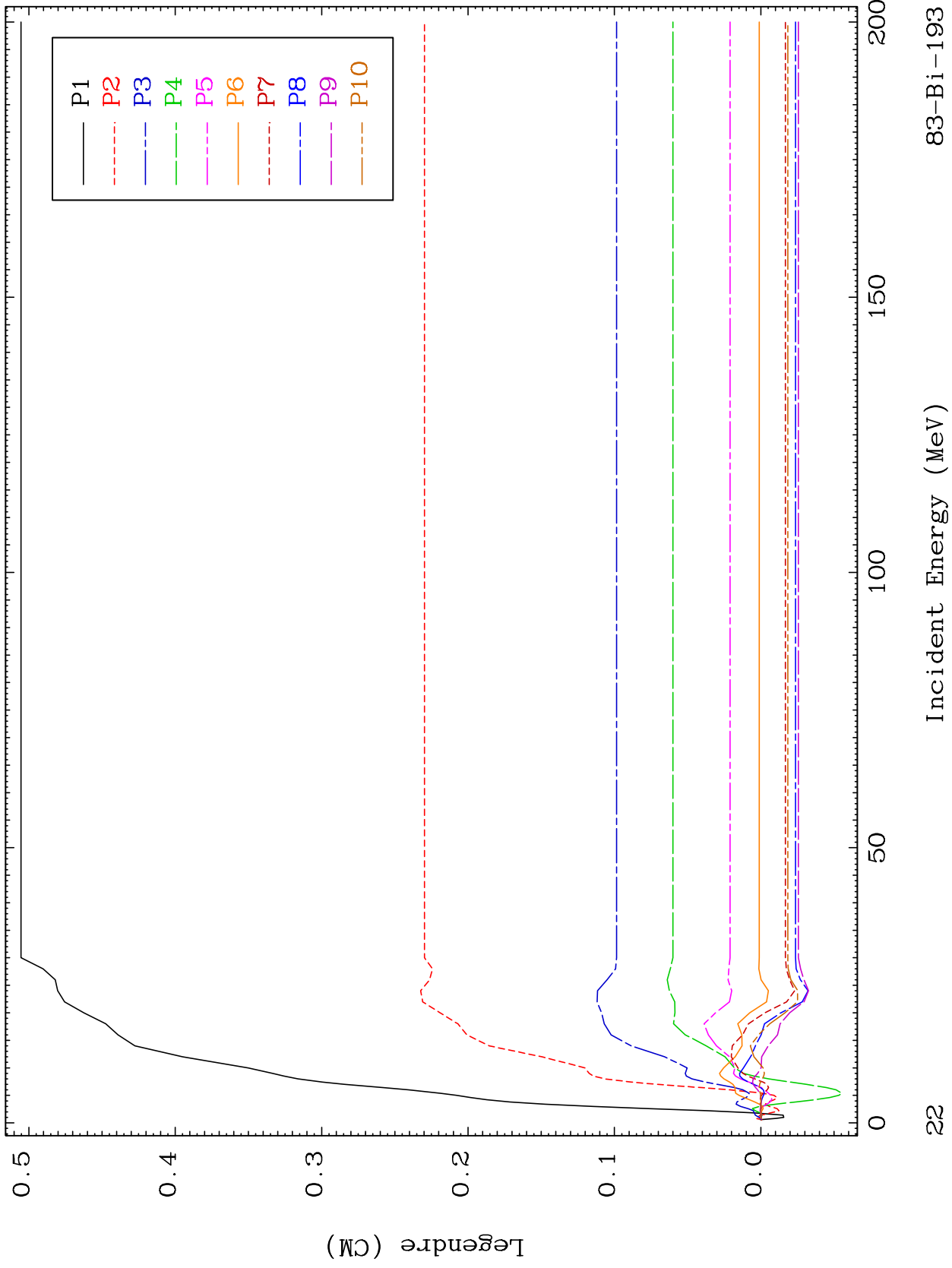
83-Bi-193



MAT 8277

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

83-Bi-193



22

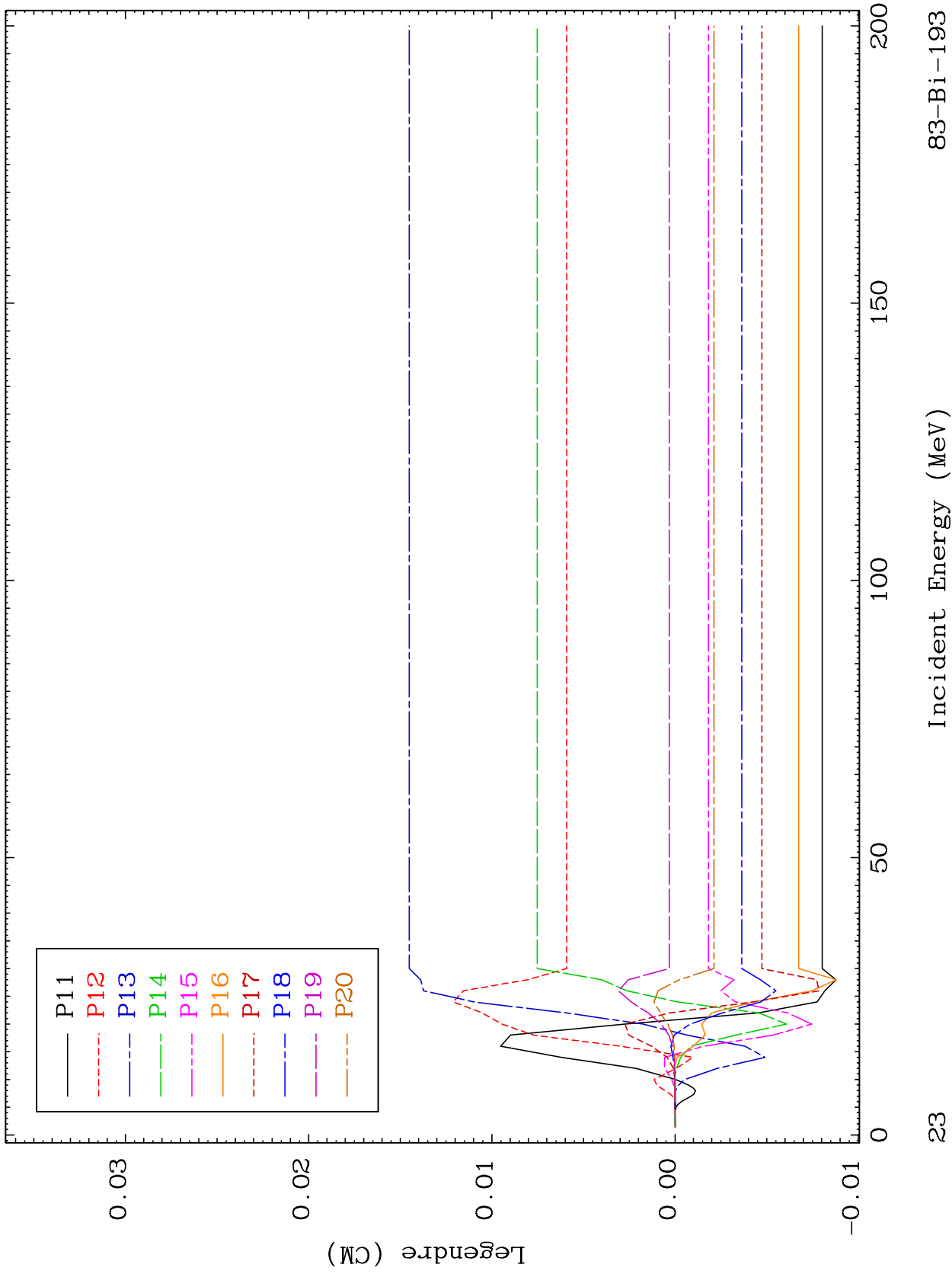
Incident Energy (MeV)

83-Bi-193

MAT 8277

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

83-Bi-193



23

Incident Energy (MeV)

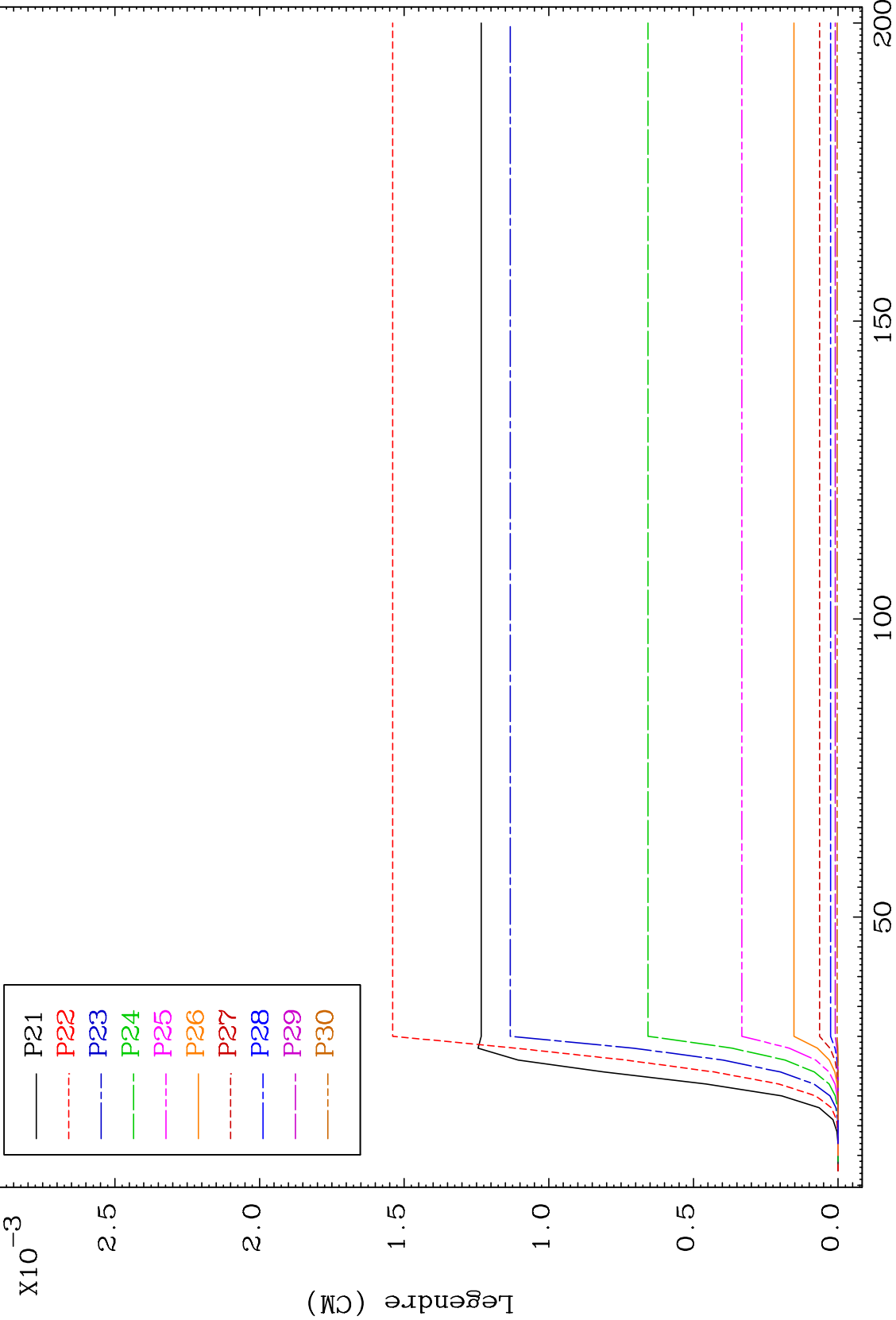
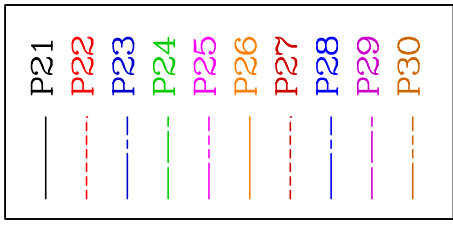
83-Bi-193



MAT 82777

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

83-Bi-193



24

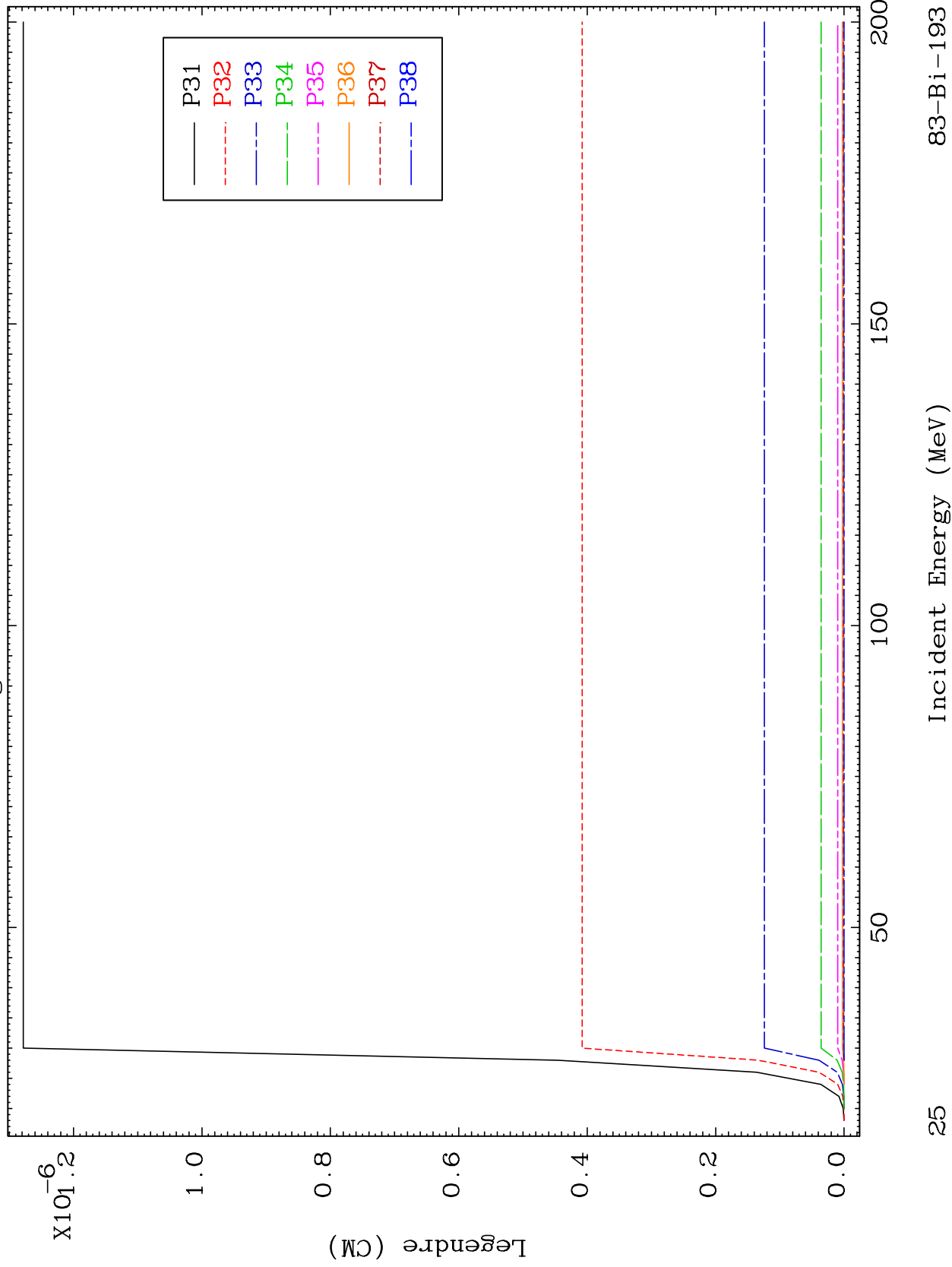
Incident Energy (MeV)

83-Bi-193

MAT 8277

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

83-Bi-193



83-Bi-193

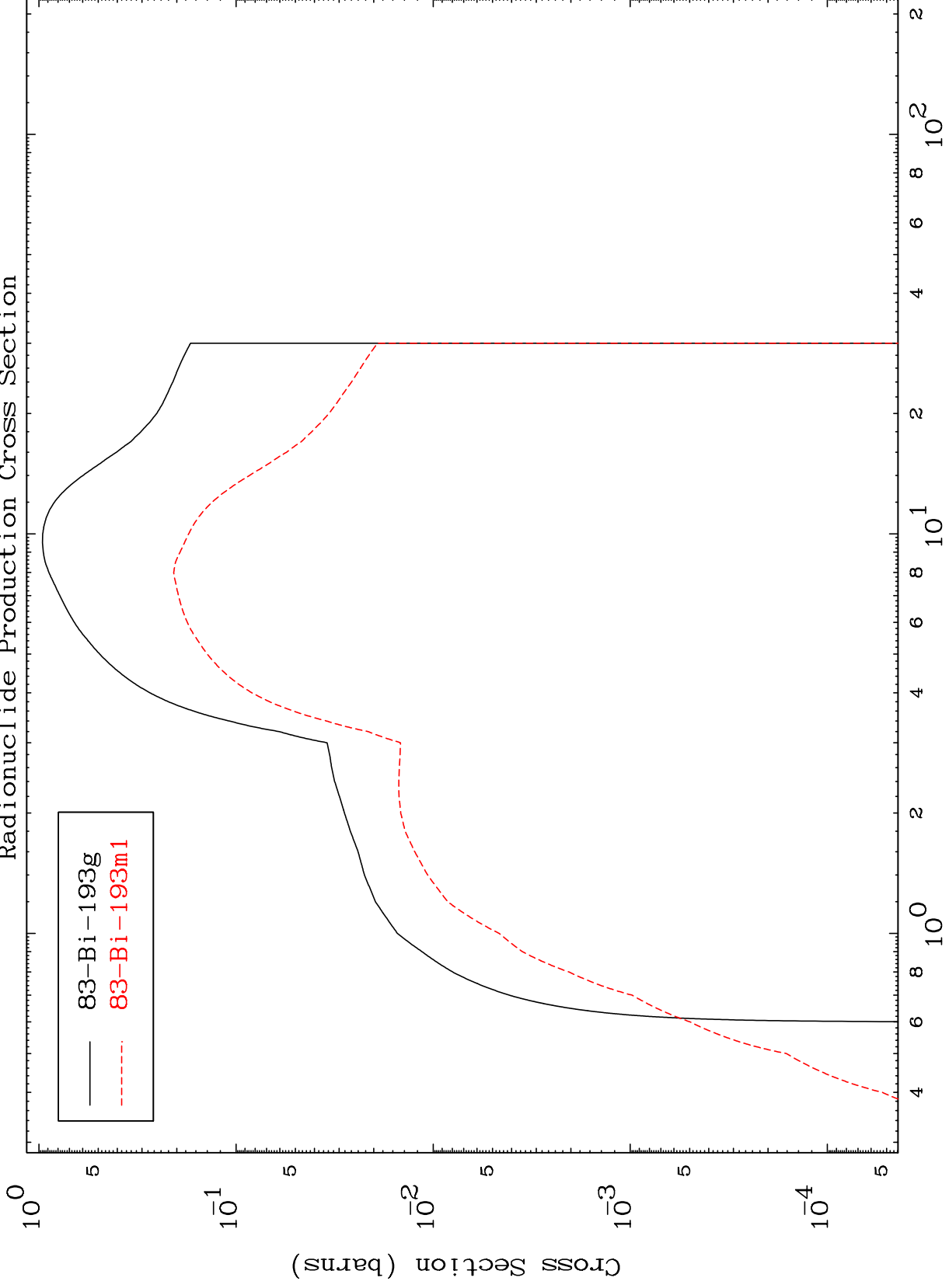
Incident Energy (MeV)

25

MAT 8277

83-Bi-193

Inelastic  
Radionuclide Production Cross Section



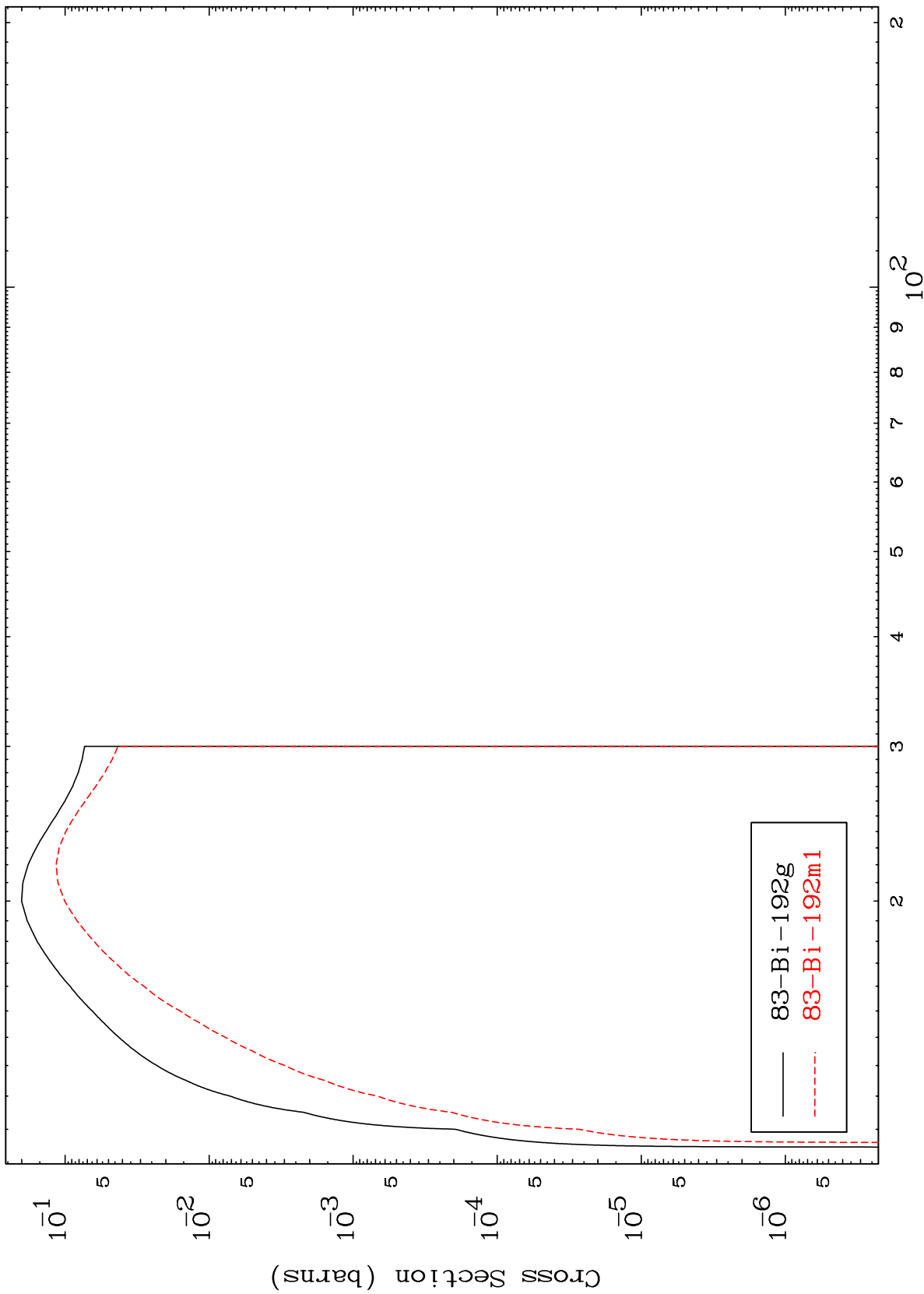
83-Bi-193g  
83-Bi-193m1

26

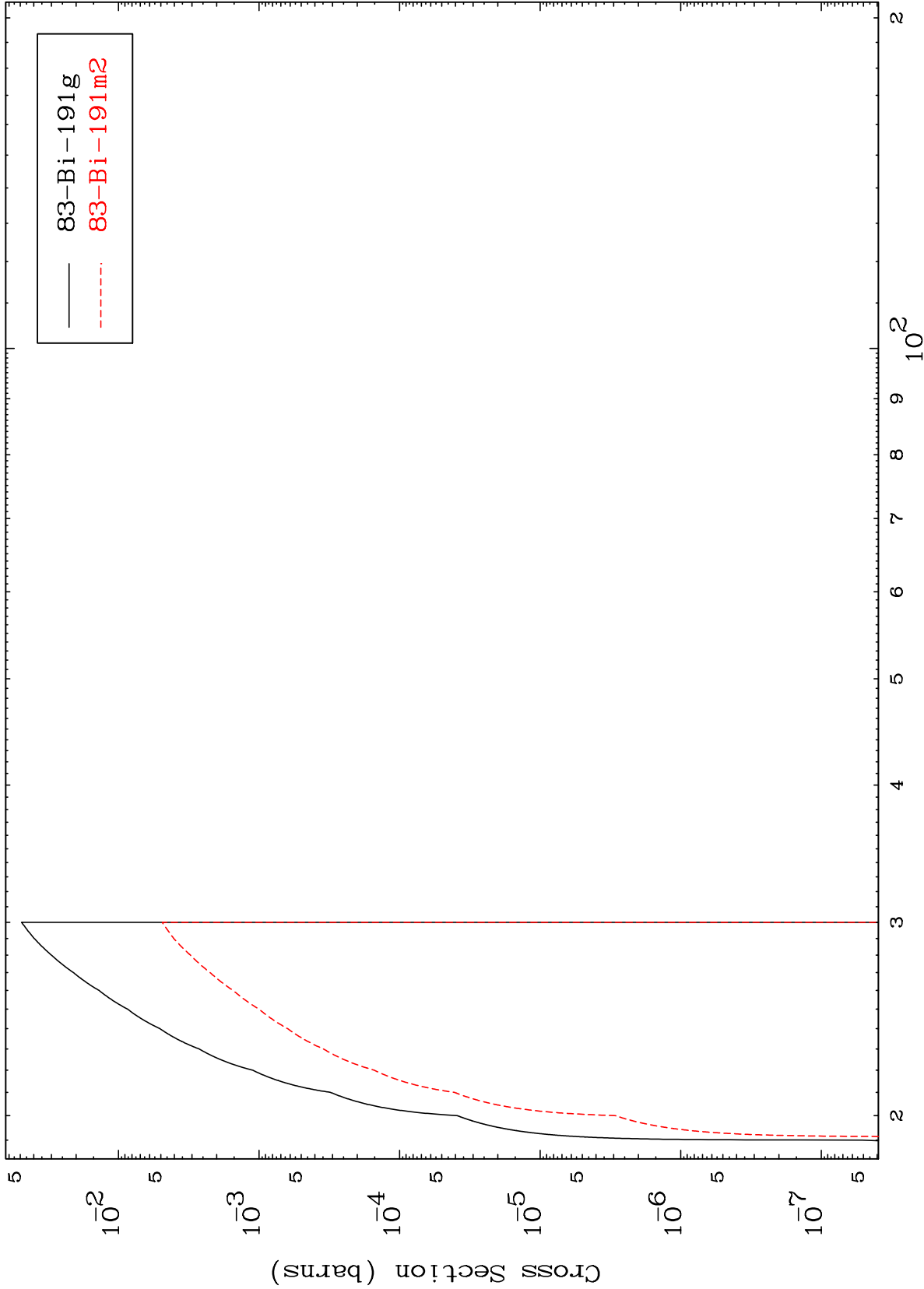
Incident Energy (MeV)

83-Bi-193

Radionuclide Production Cross Section  
(n,2n)



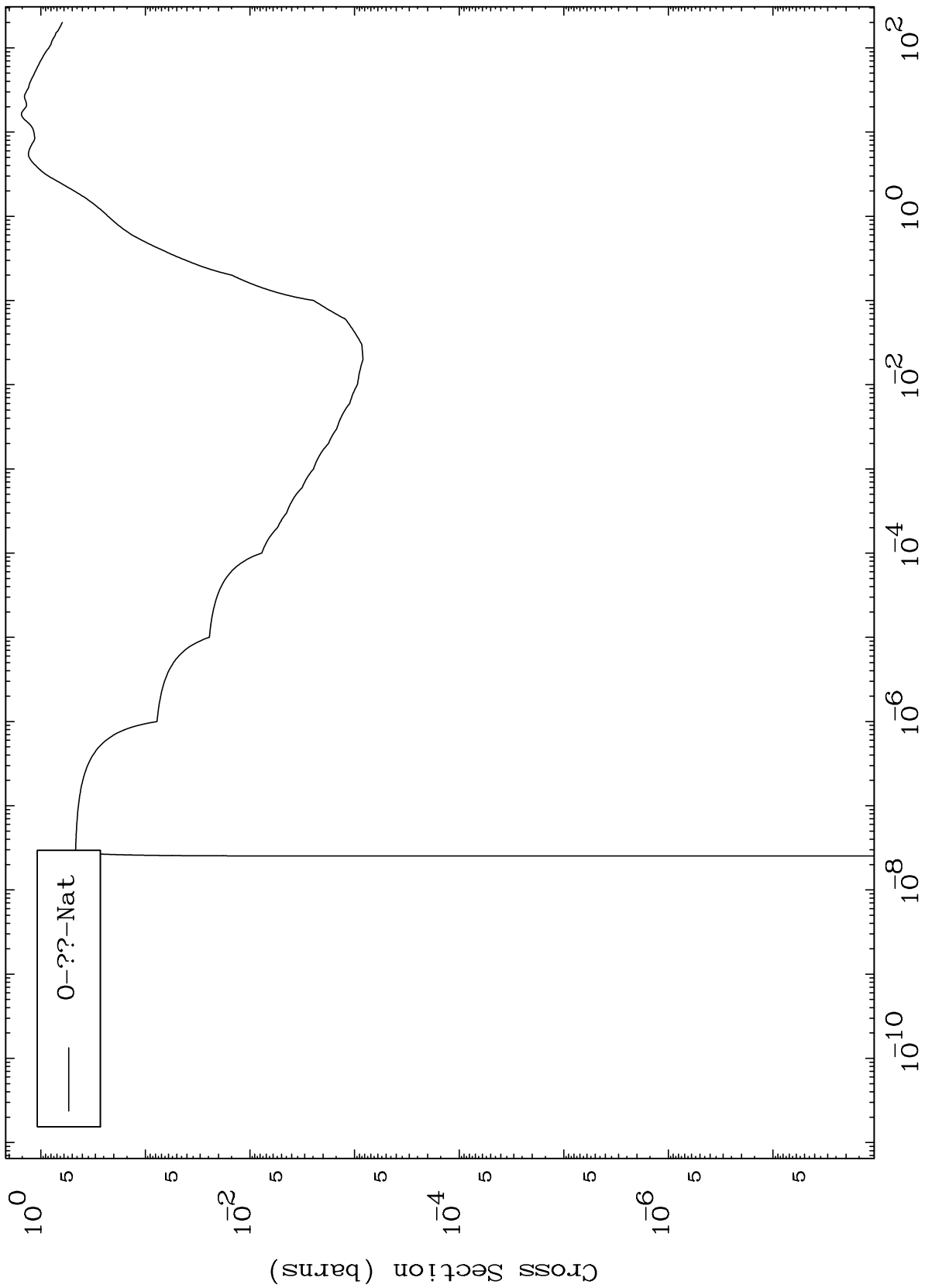
Radionuclide Production Cross Section



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83-Bi-193

Fission  
Radionuclide Production Cross Section

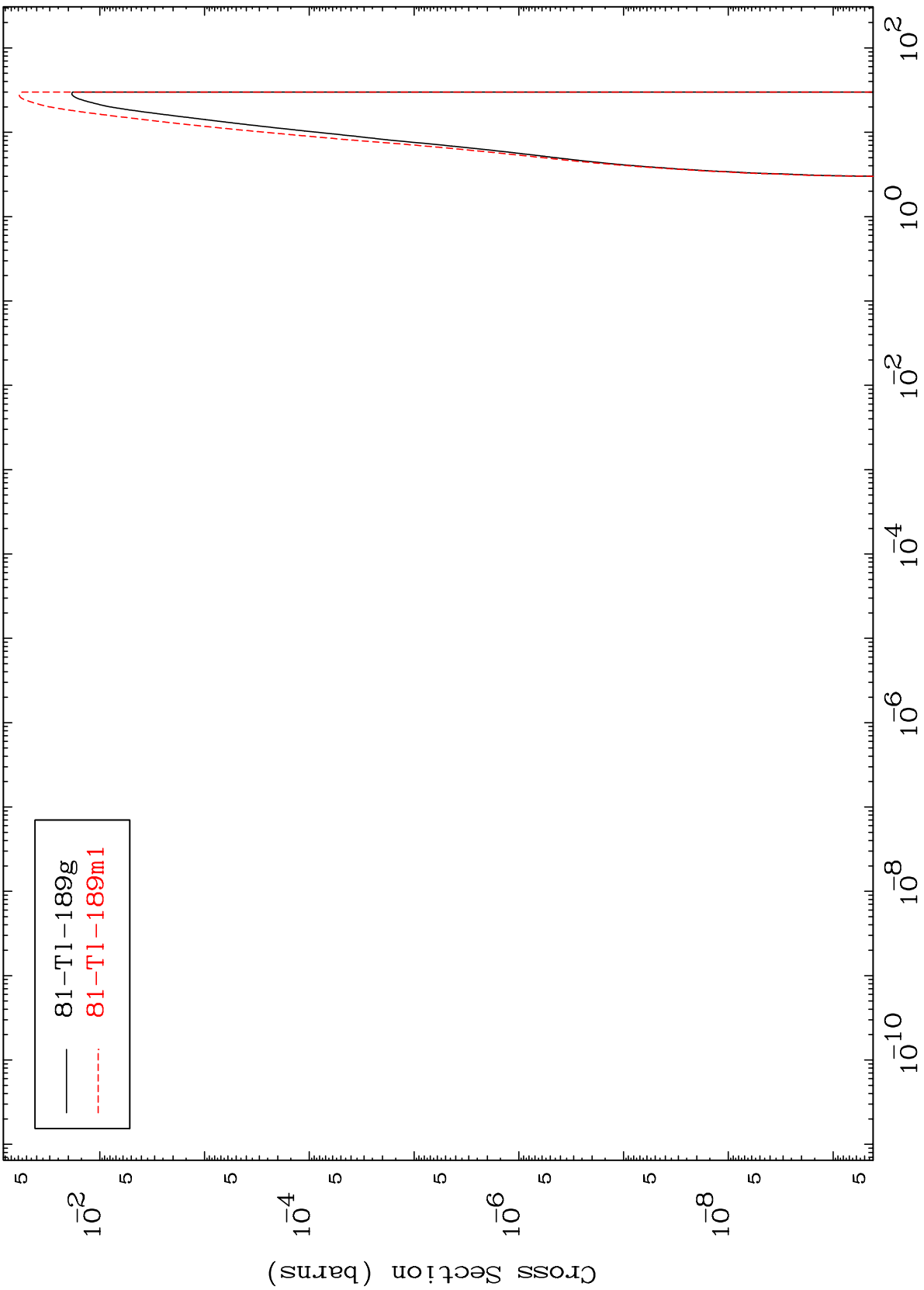


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$(n, n') \alpha$

83-Bi-193

Radionuclide Production Cross Section



30

Incident Energy (MeV)

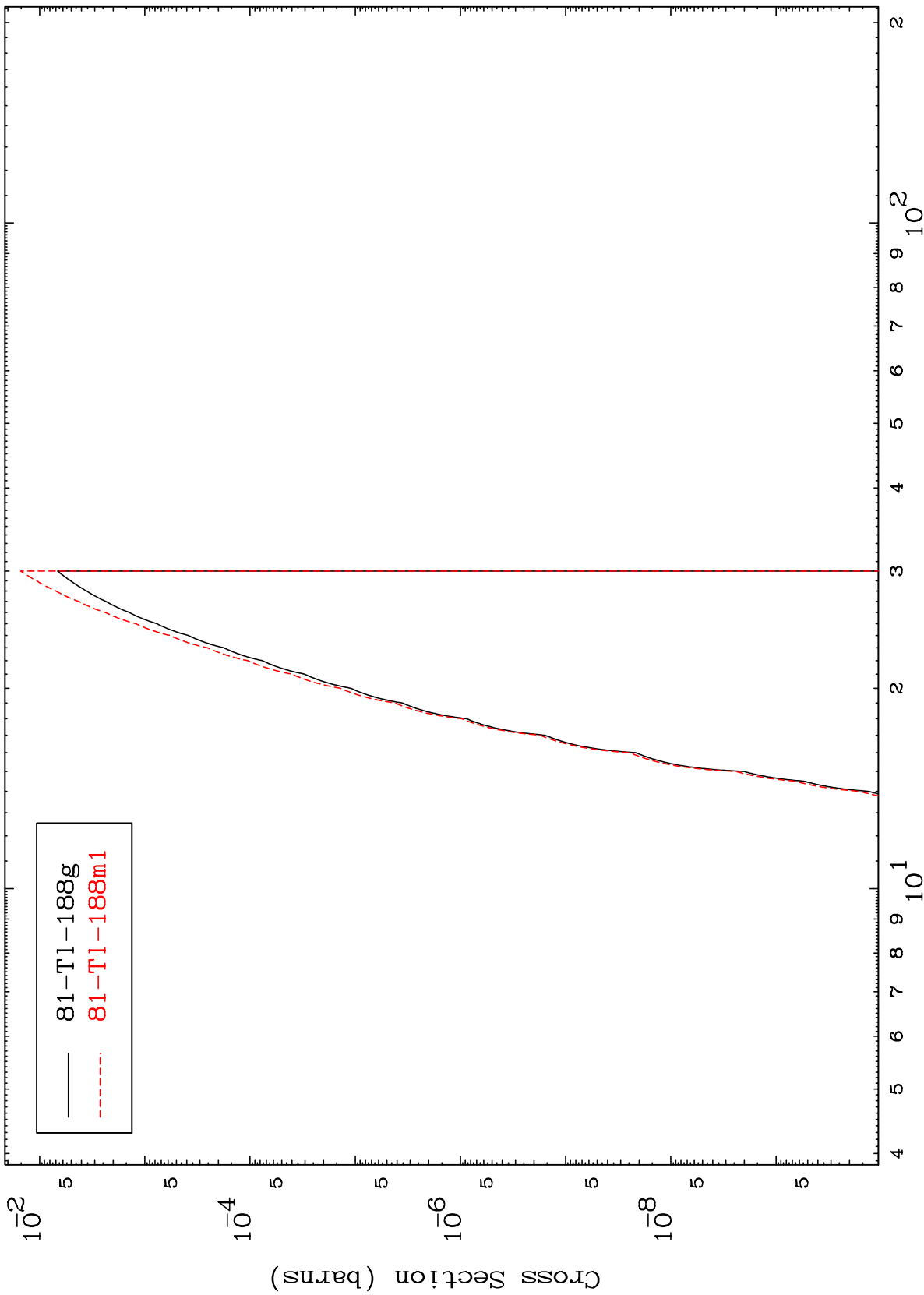
83-Bi-193

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$(n,2n) \alpha$

83-Bi-193

Radionuclide Production Cross Section

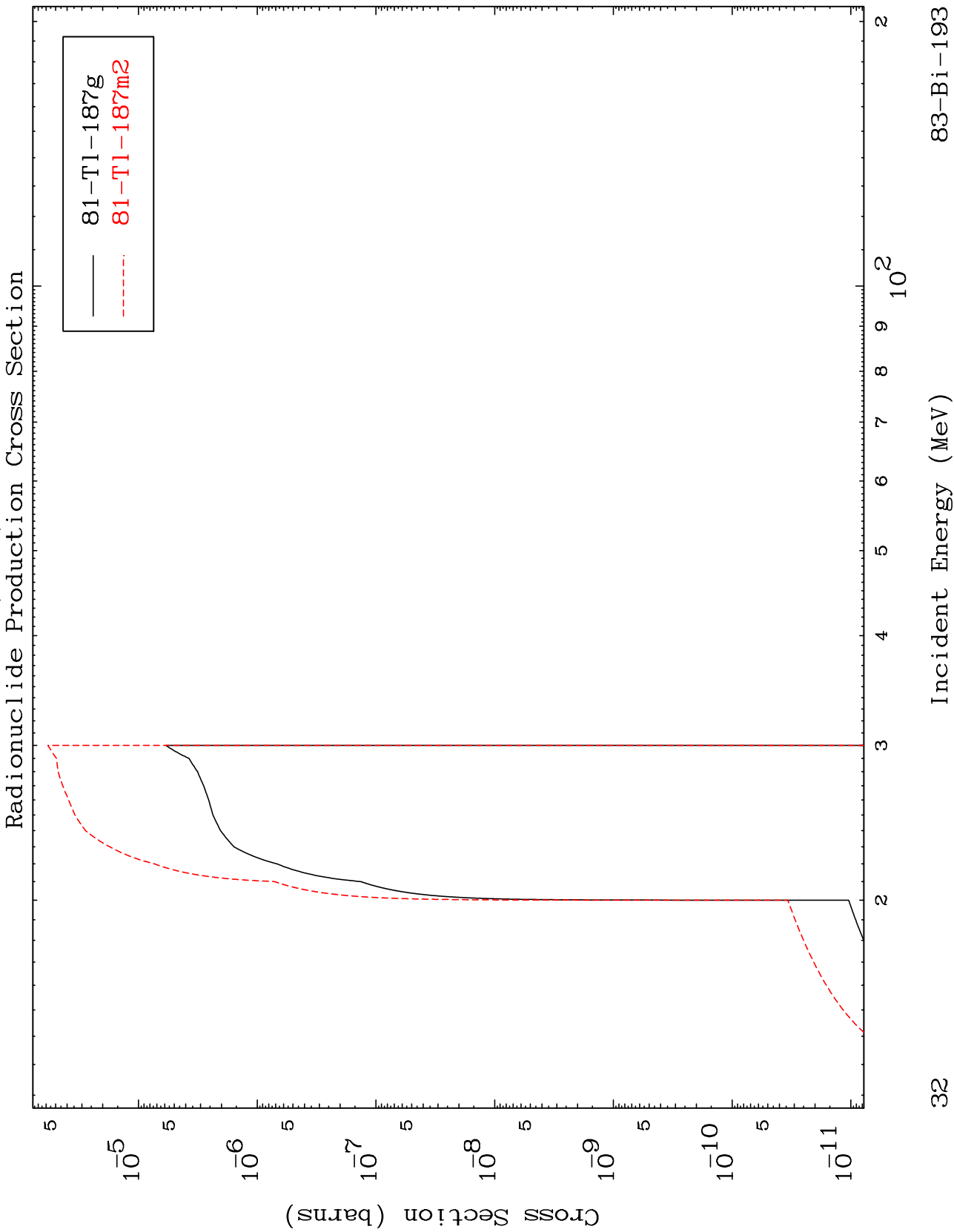


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Incident Energy (MeV)

83-Bi-193

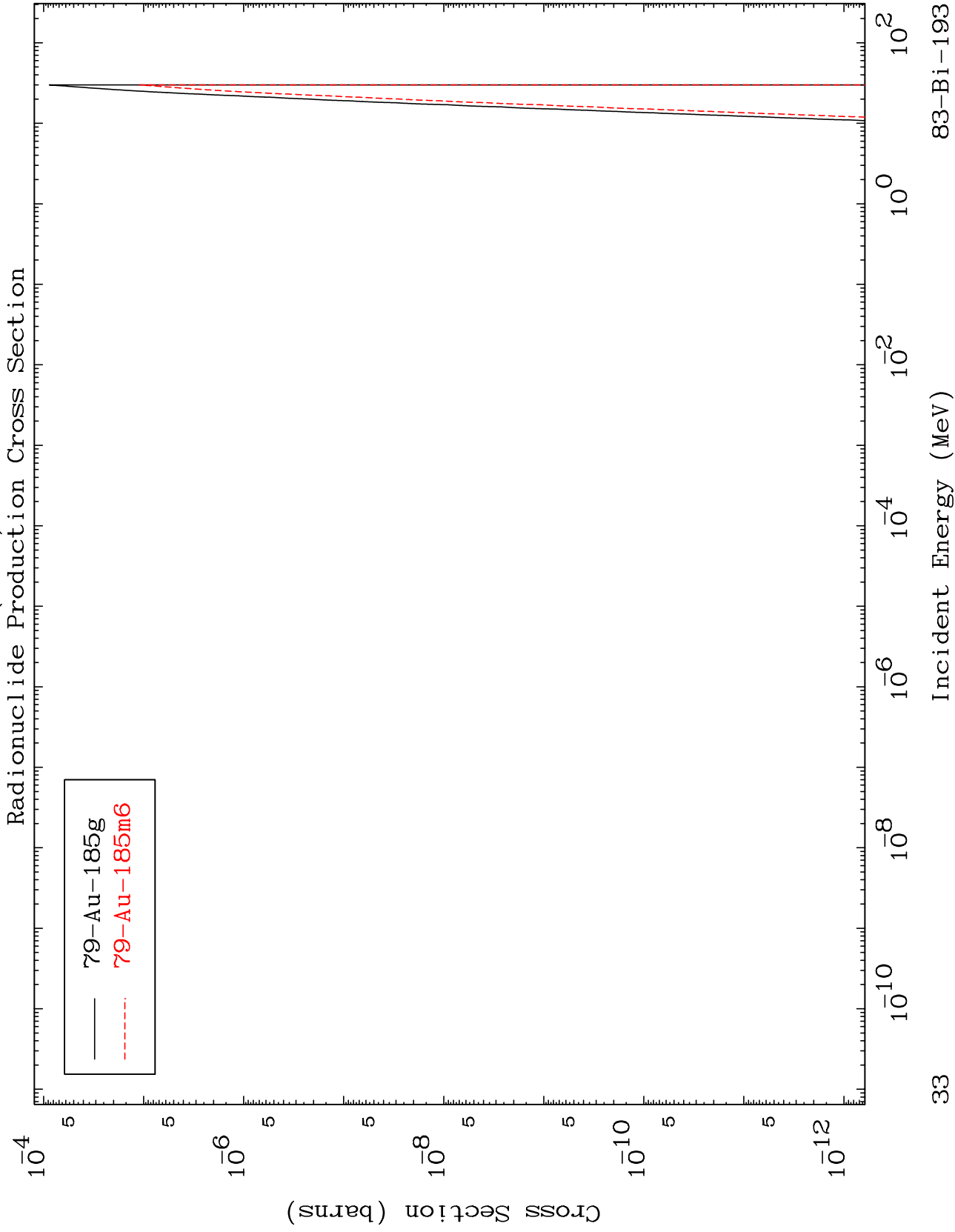




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(n,n') 2 $\alpha$

83-Bi-193

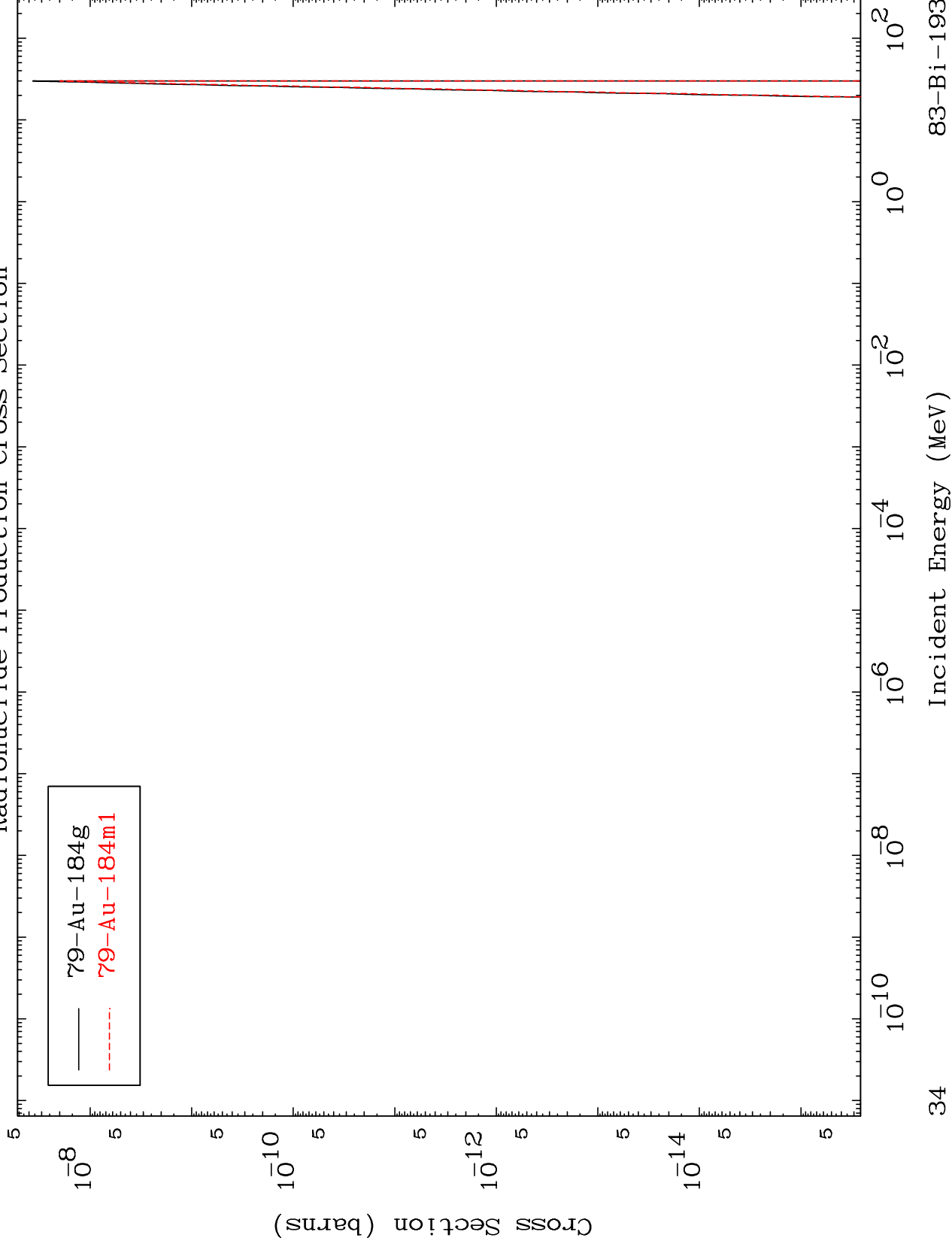


MAT 8277

(n,2n) 2 $\alpha$

83-Bi-193

Radionuclide Production Cross Section

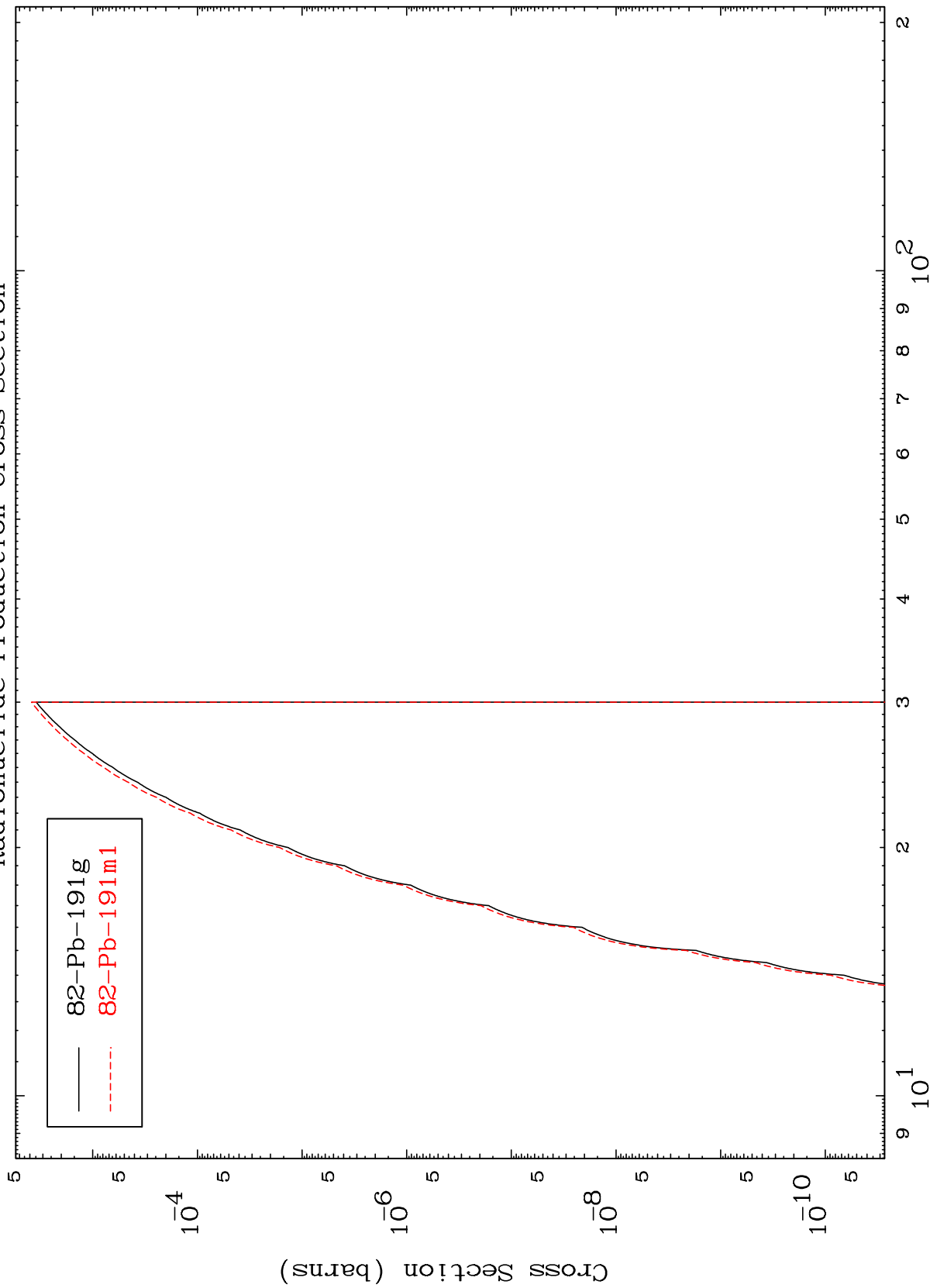


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(n,n') d

83-Bi-193

Radionuclide Production Cross Section



82-Pb-191g  
82-Pb-191m1

35

Incident Energy (MeV)

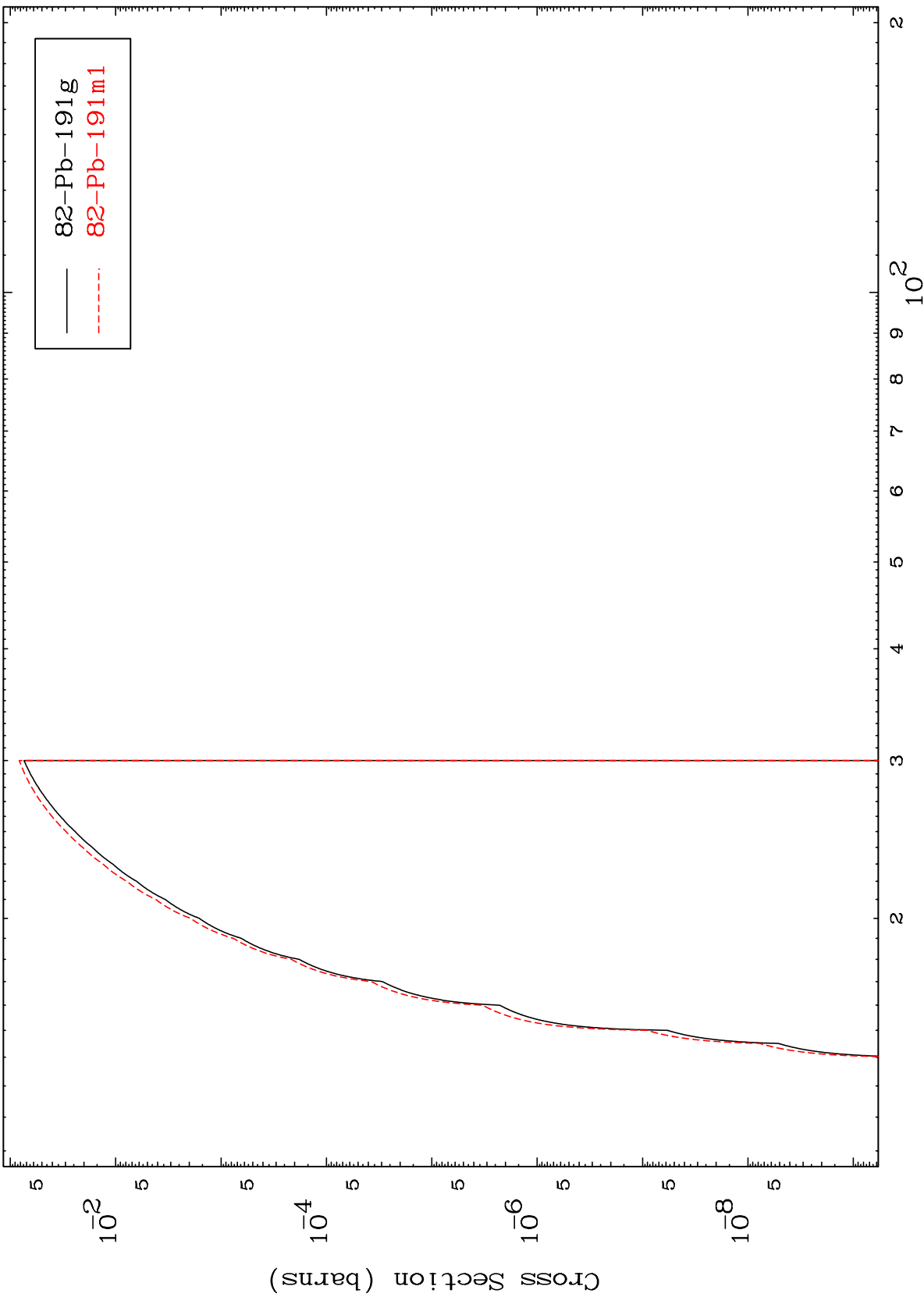
83-Bi-193

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(n,2n) p

83-Bi-193

Radionuclide Production Cross Section



36

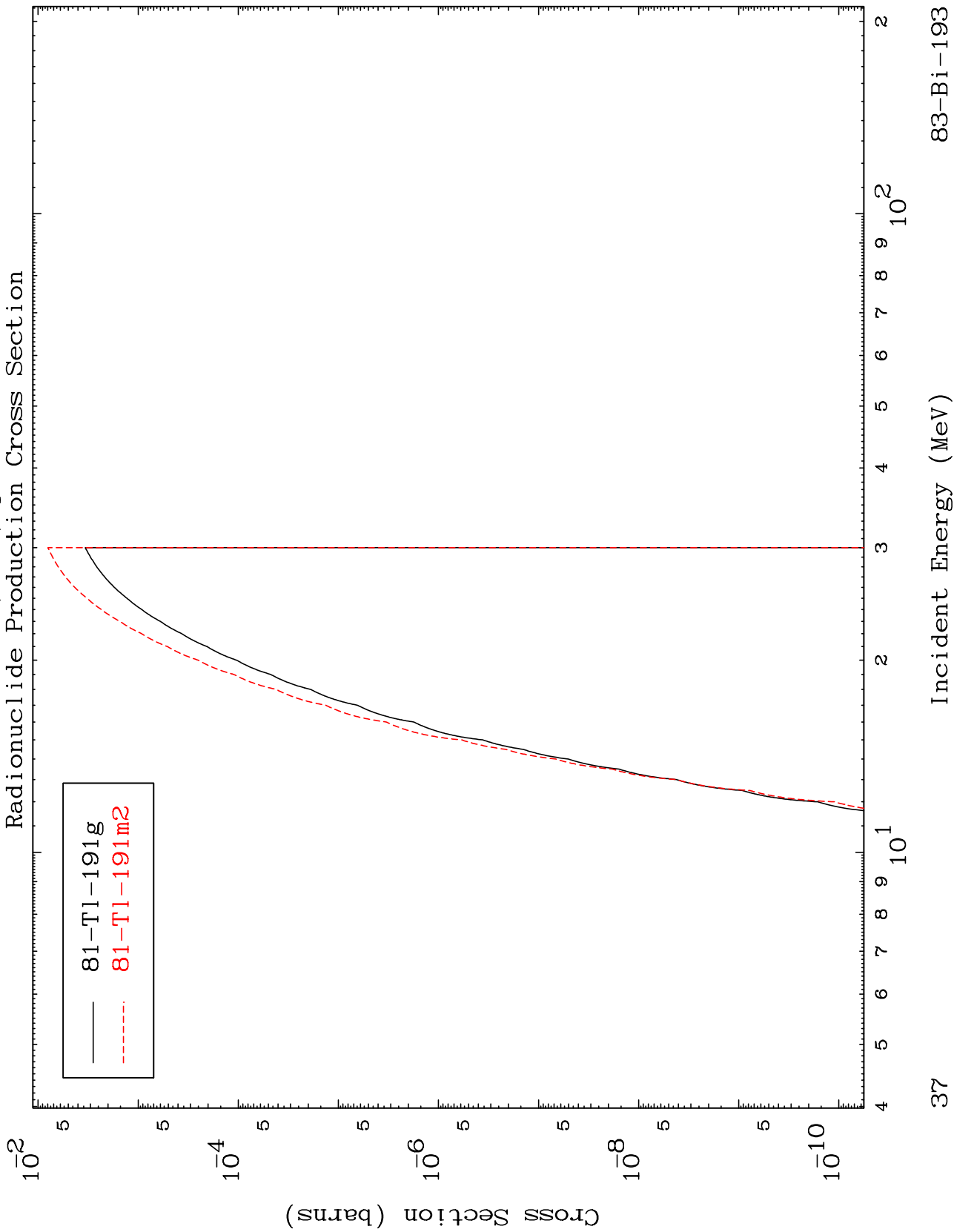
Incident Energy (MeV)

83-Bi-193

MAT 8277

(n,2n) p

83-Bi-193



37

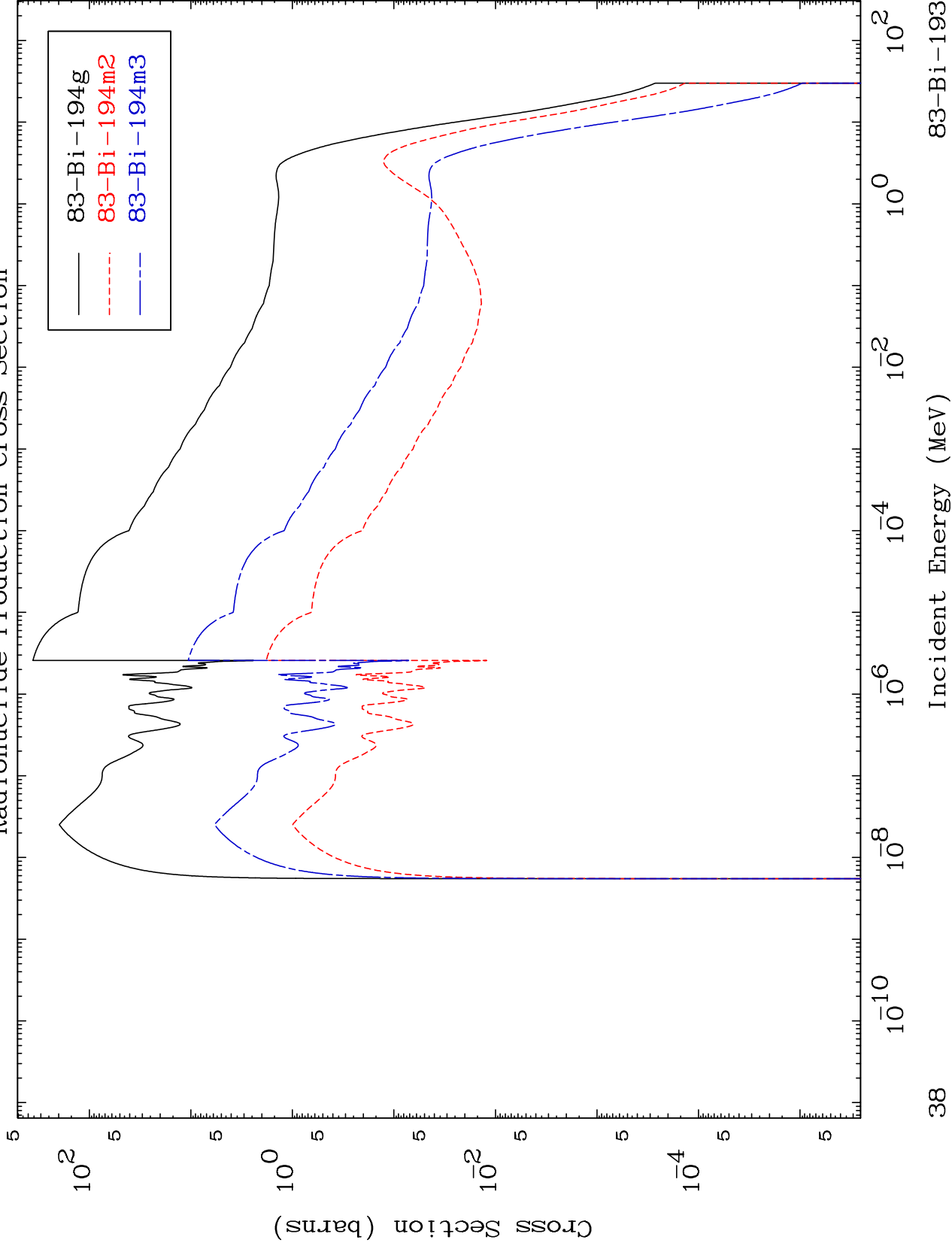
Incident Energy (MeV)

83-Bi-193

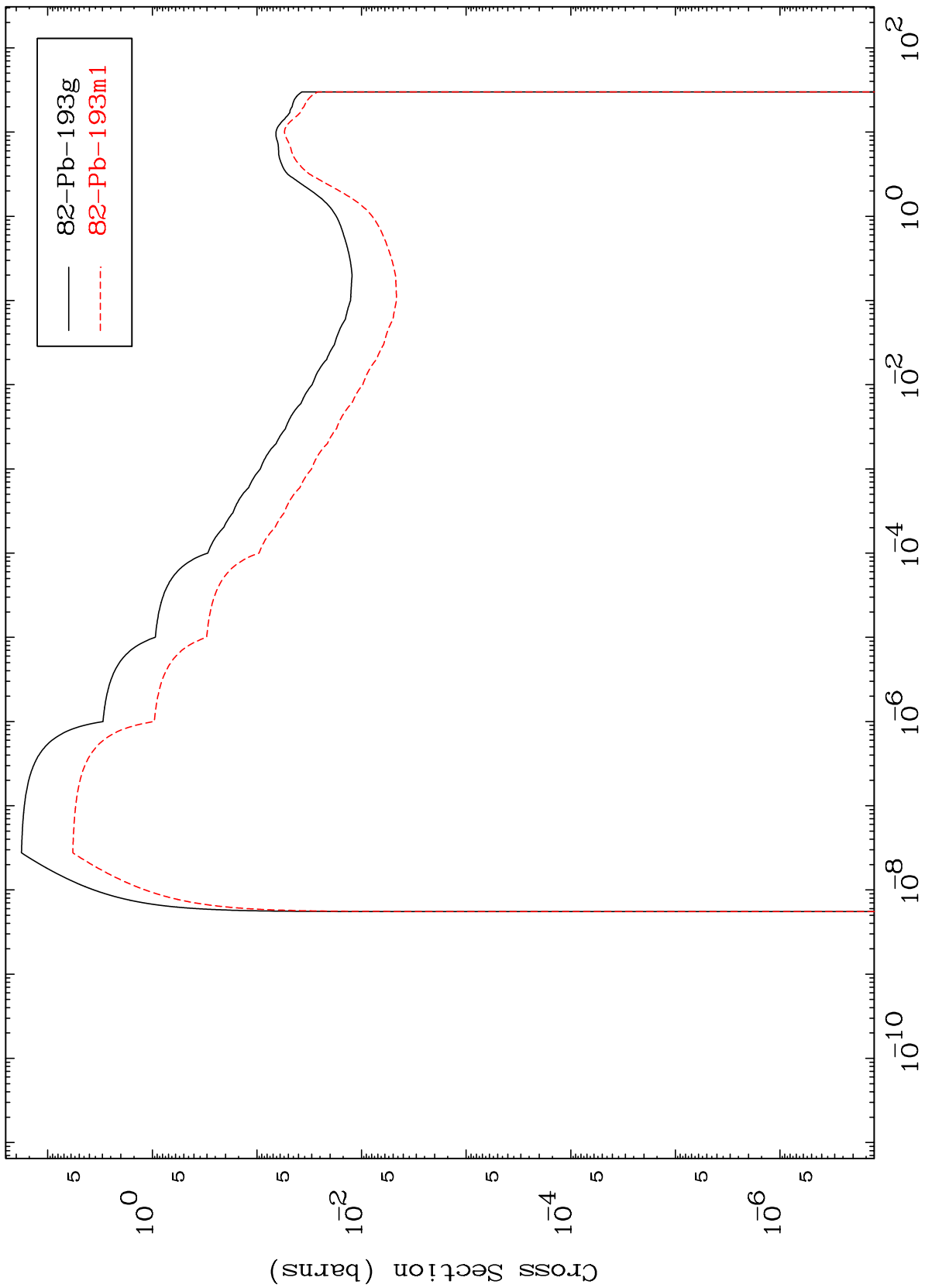
MAT 8277

$^{83}\text{Bi}-193$

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



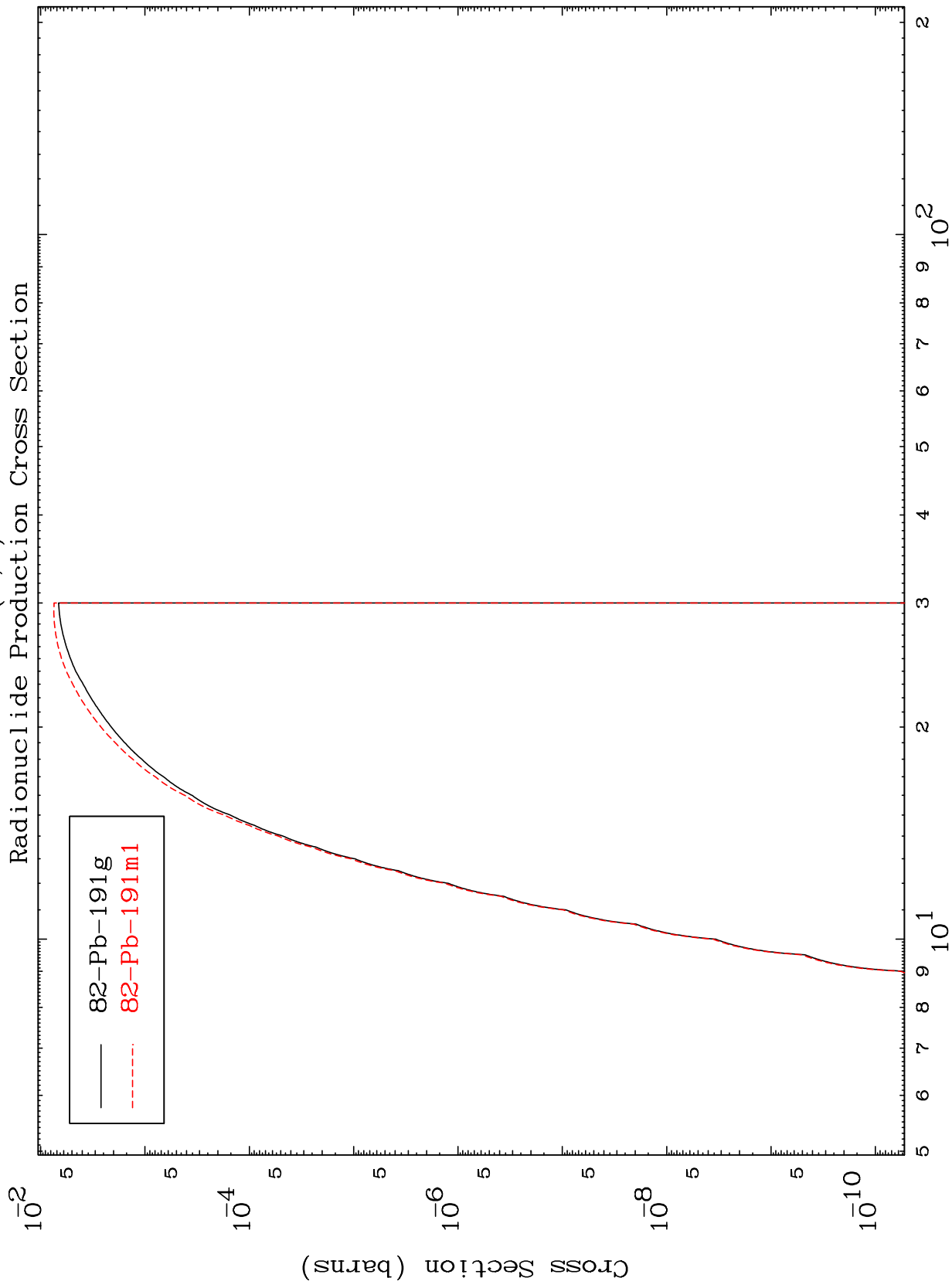
(n,p)  
Radionuclide Production Cross Section





MAT 8277

83-Bi-193



Incident Energy (MeV)

83-Bi-193

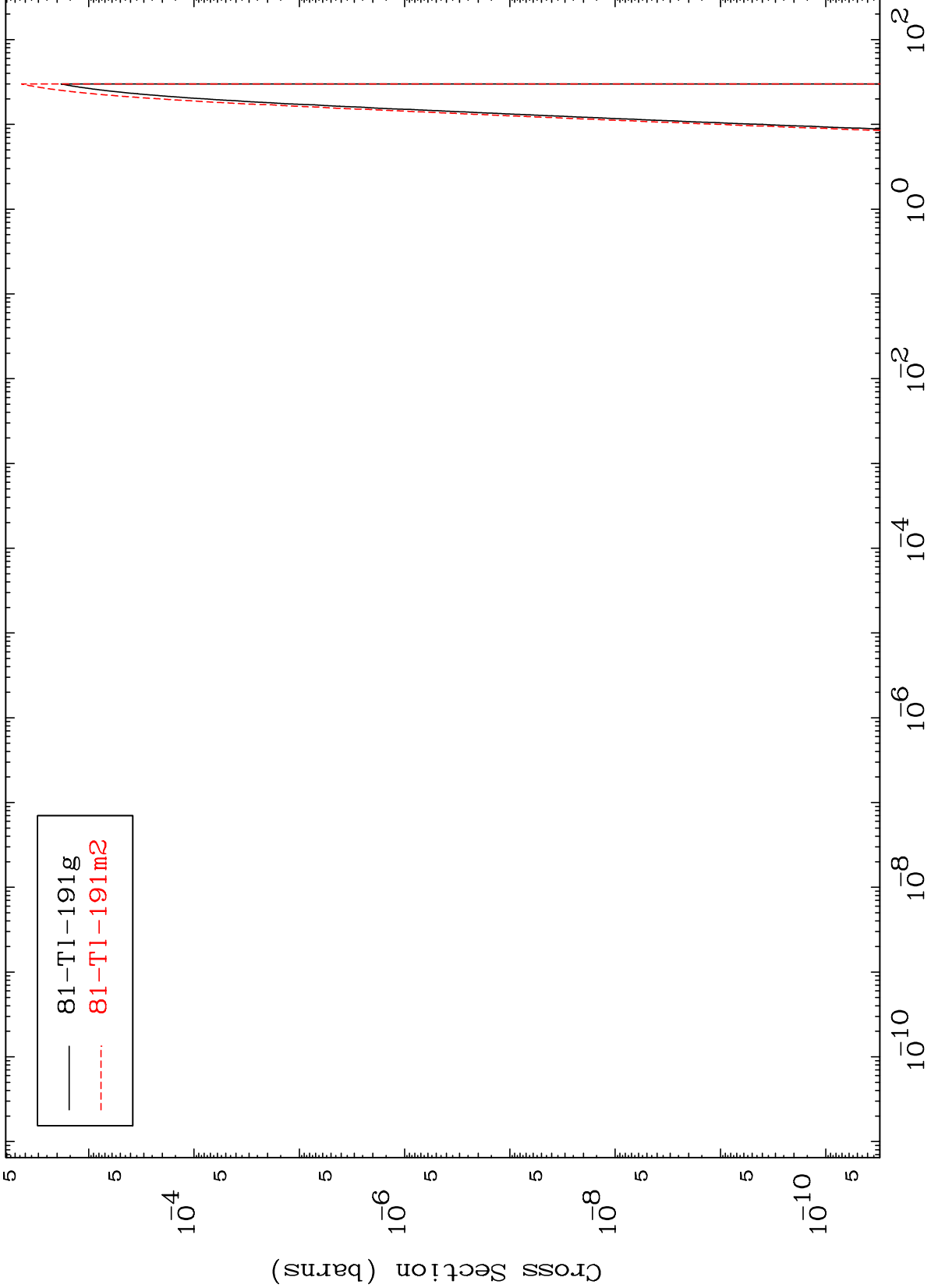
40

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(n,He-3)

83-Bi-193

Radionuclide Production Cross Section

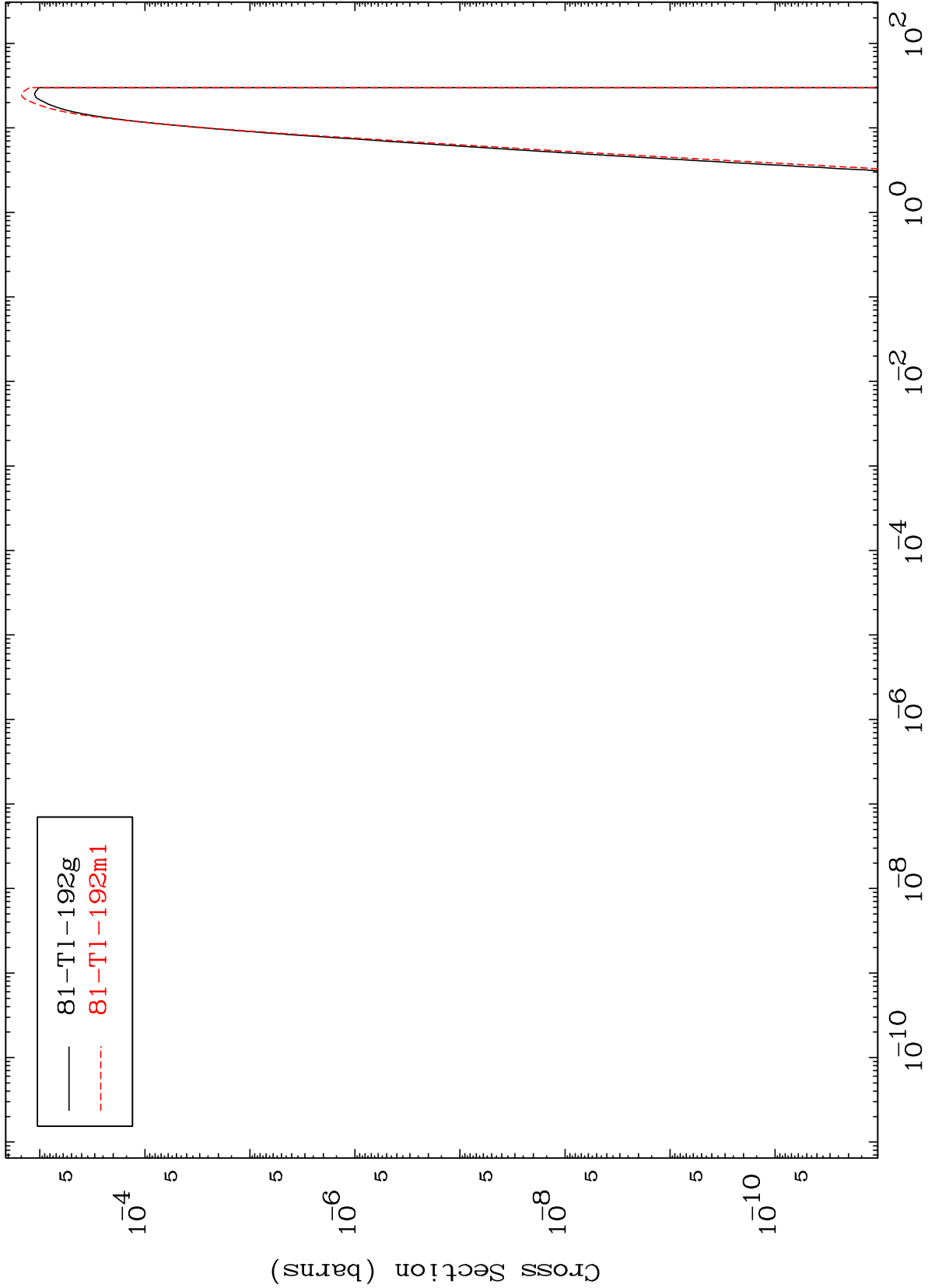


MAT 8277

(n,2p)

83-Bi-193

Radionuclide Production Cross Section

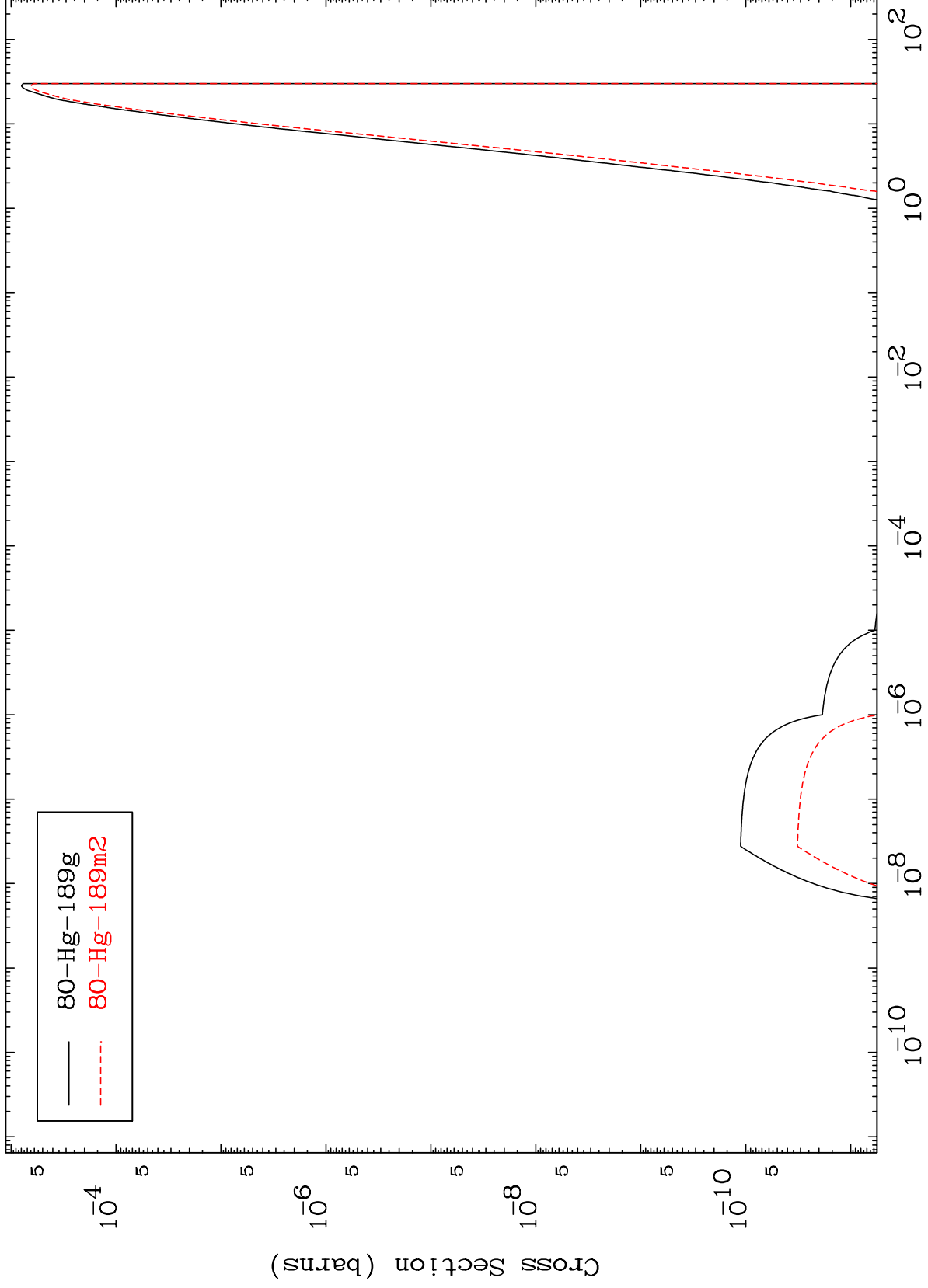


MAT 8277

(n,p)  $\alpha$

83-Bi-193

Radionuclide Production Cross Section



43

Incident Energy (MeV)

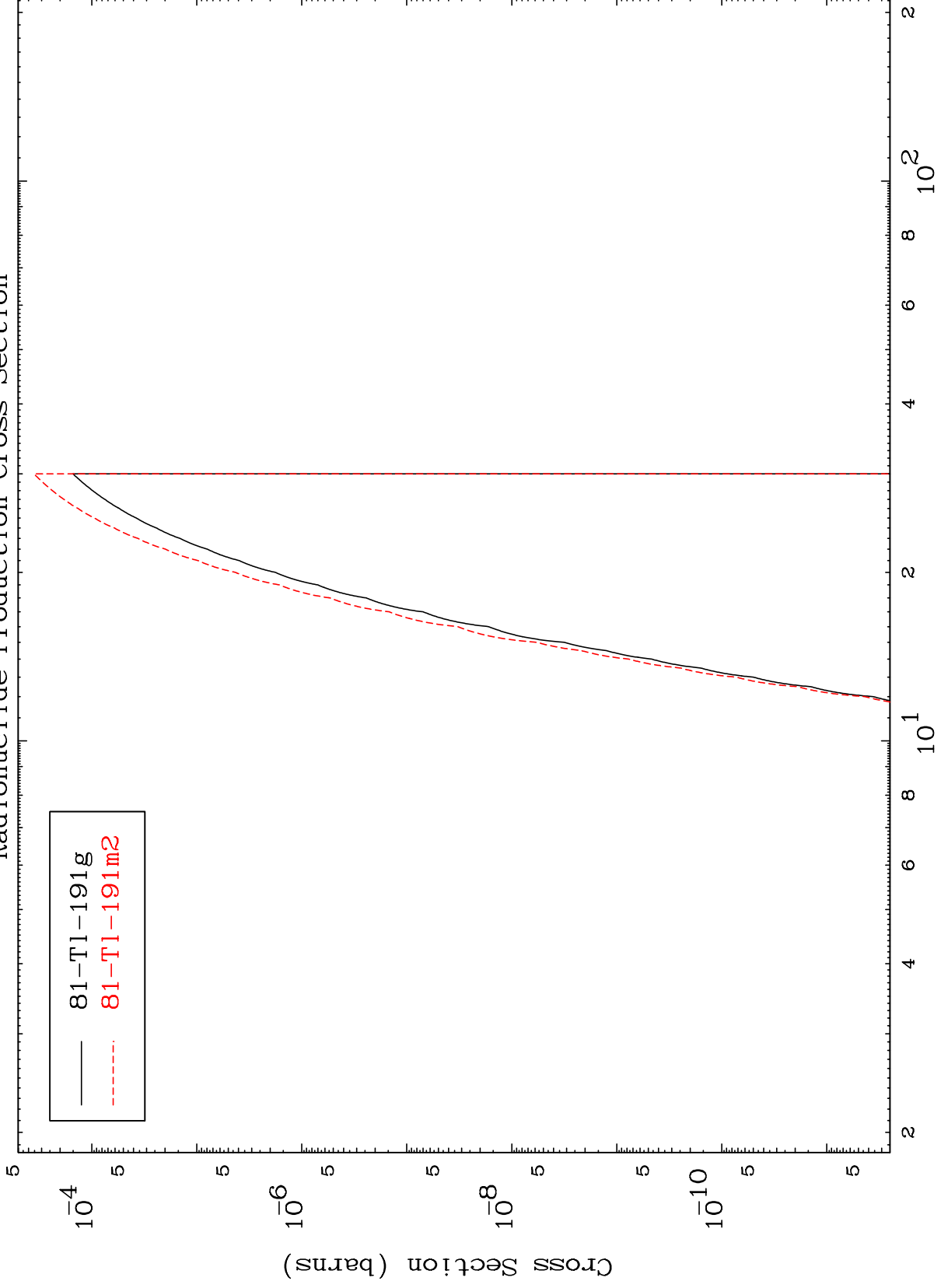
83-Bi-193

MAT 8277

(n,p) d

83-Bi-193

Radionuclide Production Cross Section



44

Incident Energy (MeV)

83-Bi-193