

Program EVALPLOT  
(Version 2021-1)

by

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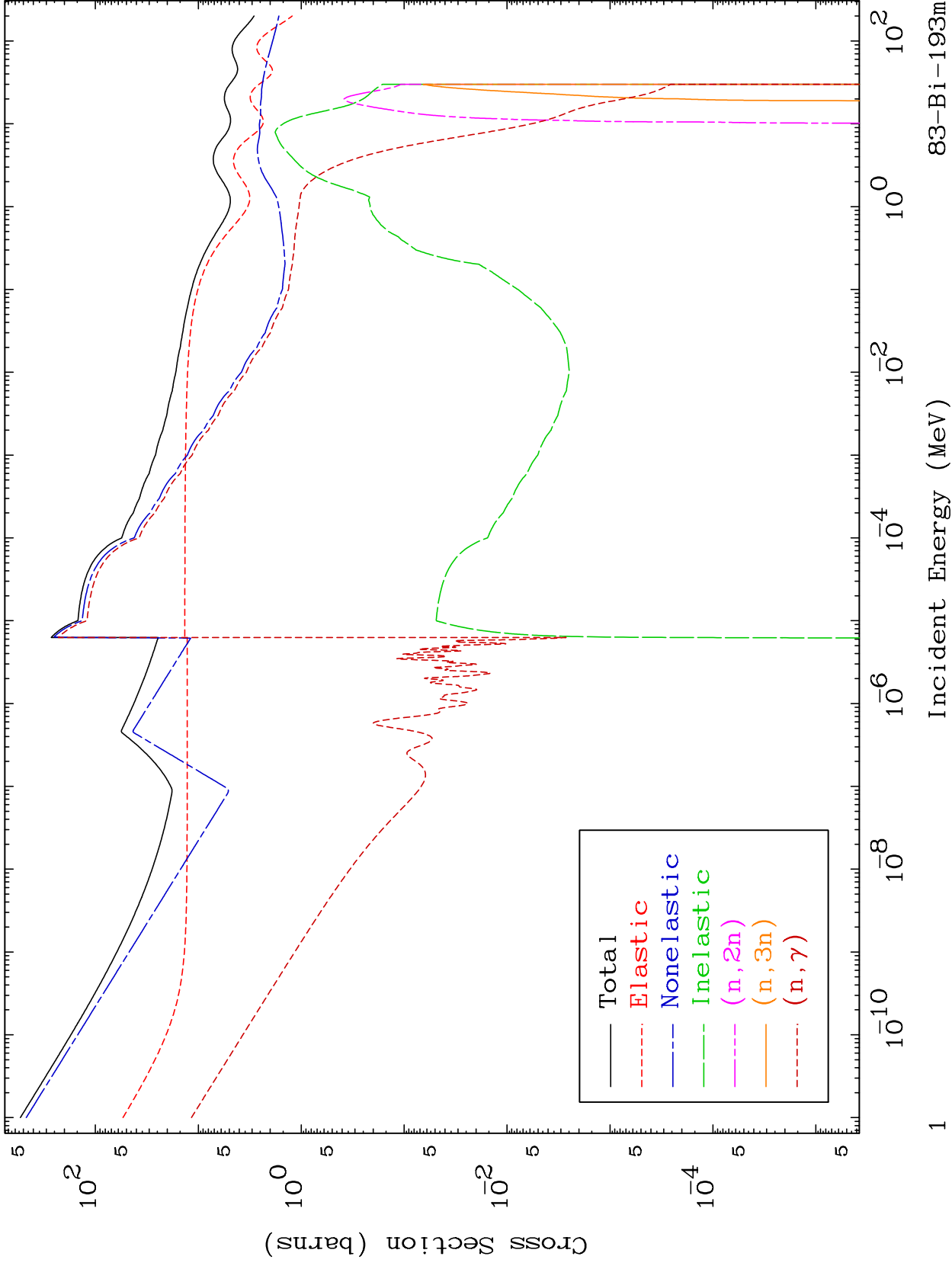
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8278

Neutron Major  
293 Kelvin Cross Sections

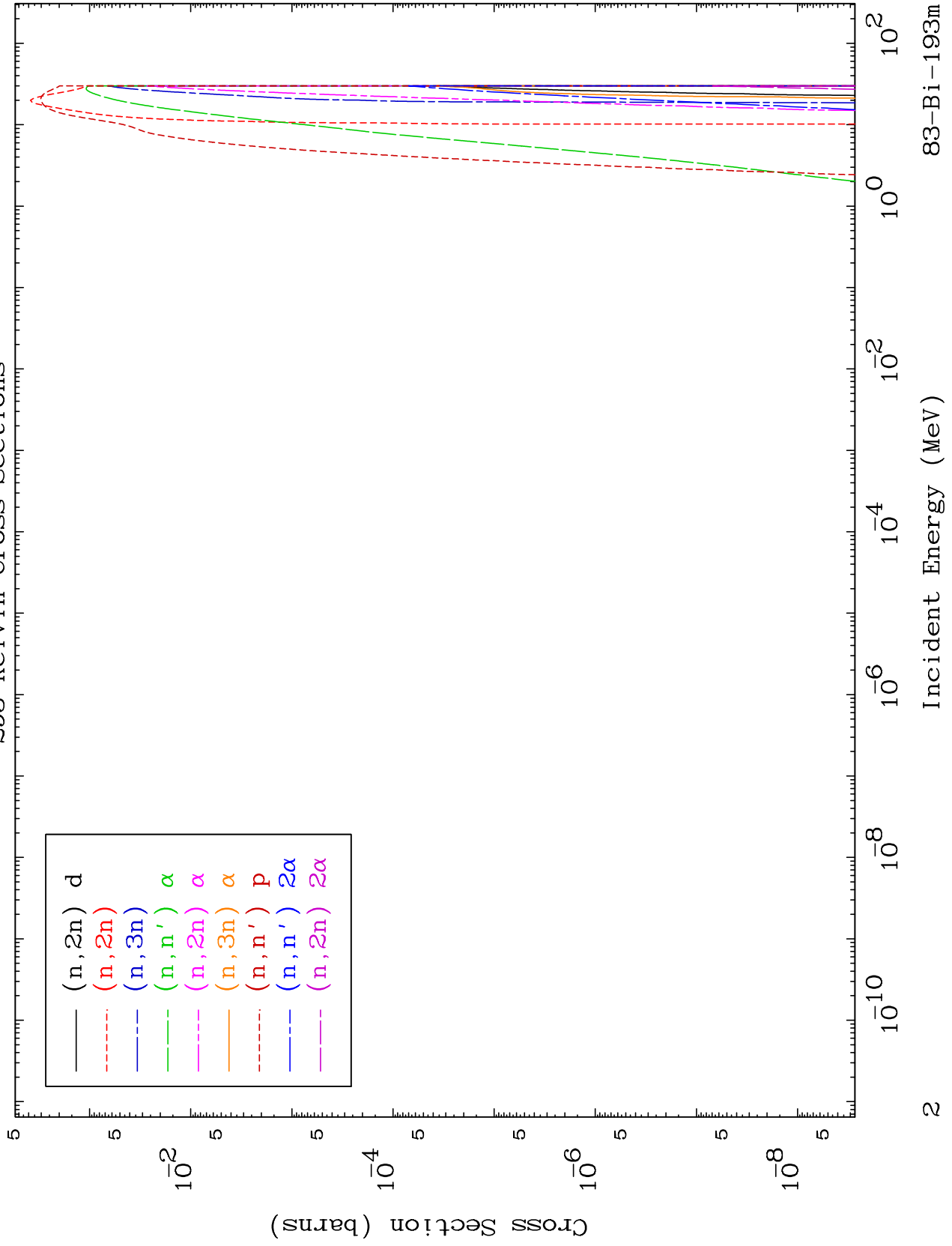
83-Bi-193m



MAT 8278

Neutron Absorption  
293 Kelvin Cross Sections

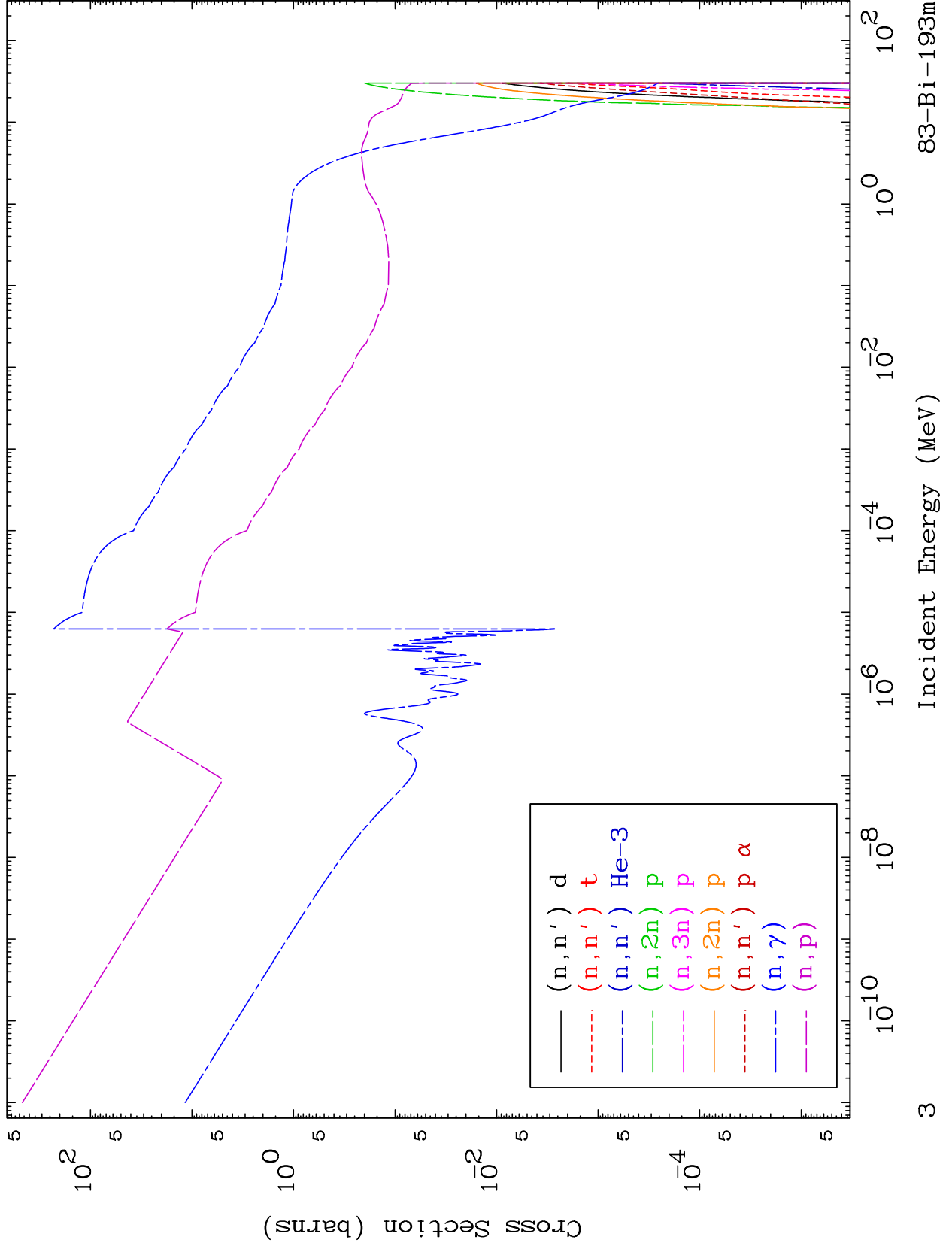
83-Bi-193m



MAT 8278

Neutron Absorption  
293 Kelvin Cross Sections

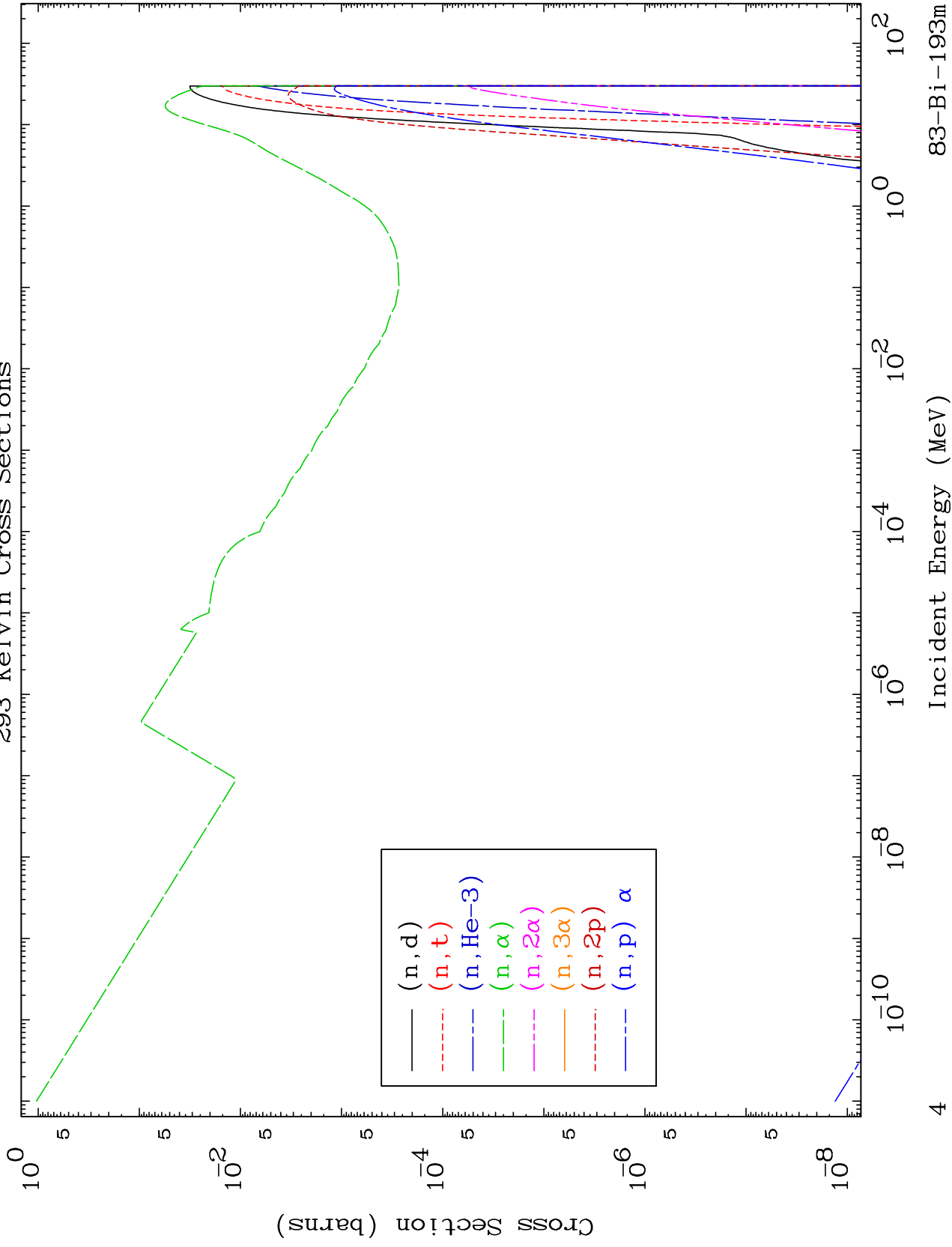
83-Bi-193m



MAT 8278

Neutron Absorption  
293 Kelvin Cross Sections

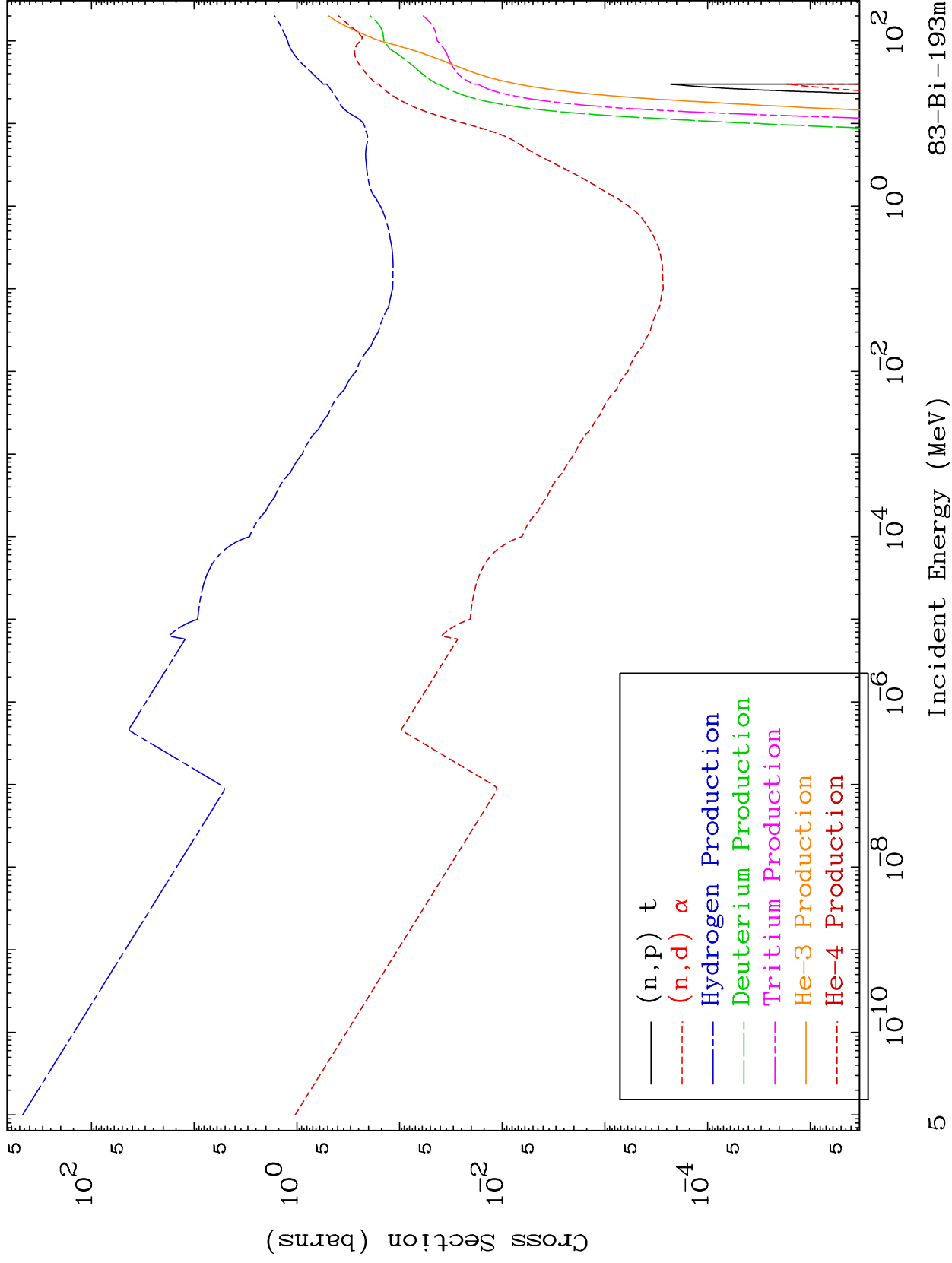
83-Bi-193m



MAT 8278

Neutron Absorption  
293 Kelvin Cross Sections

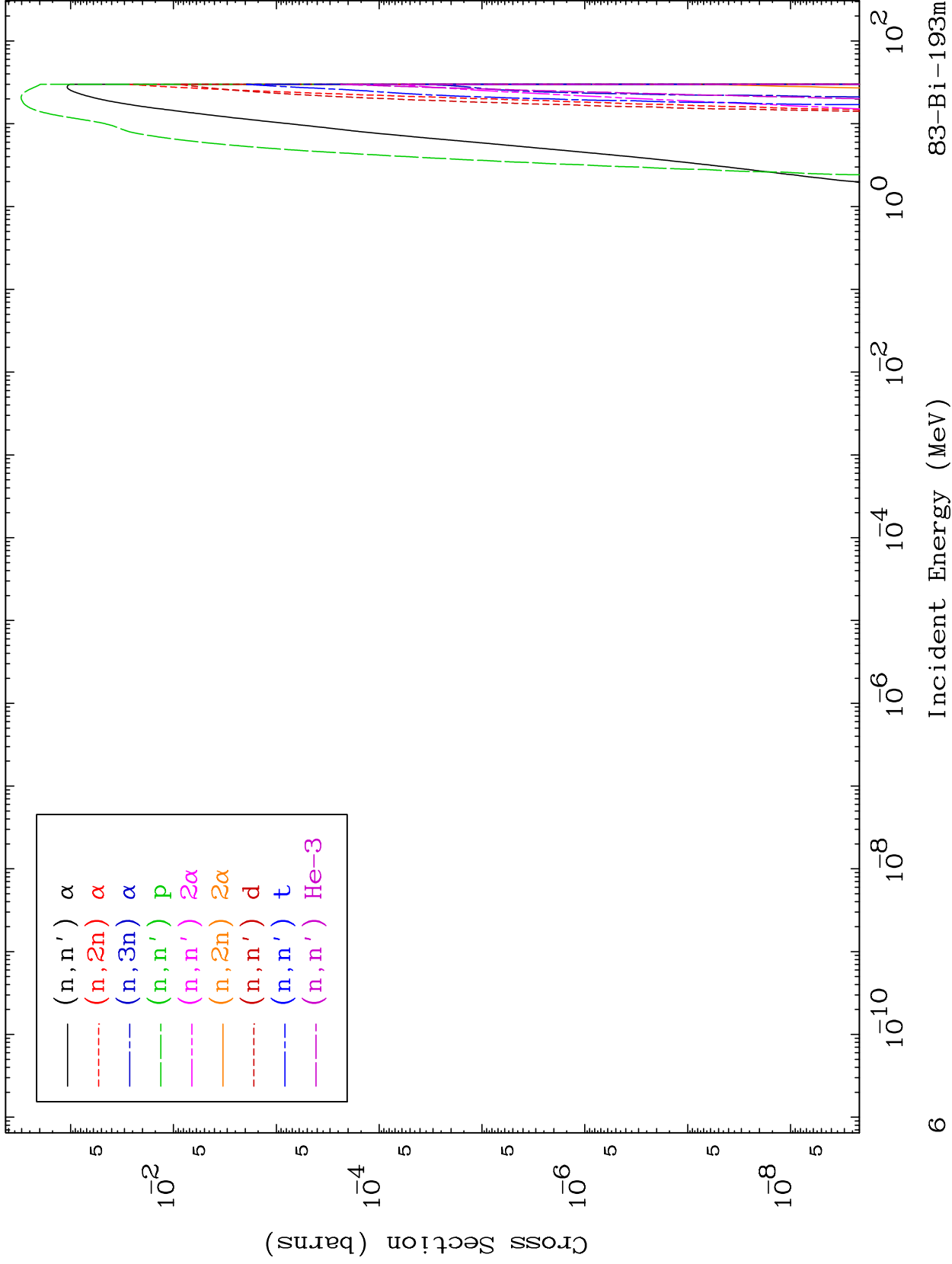
83-Bi-193m



MAT 8278

Charged Particle  
293 Kelvin Cross Sections

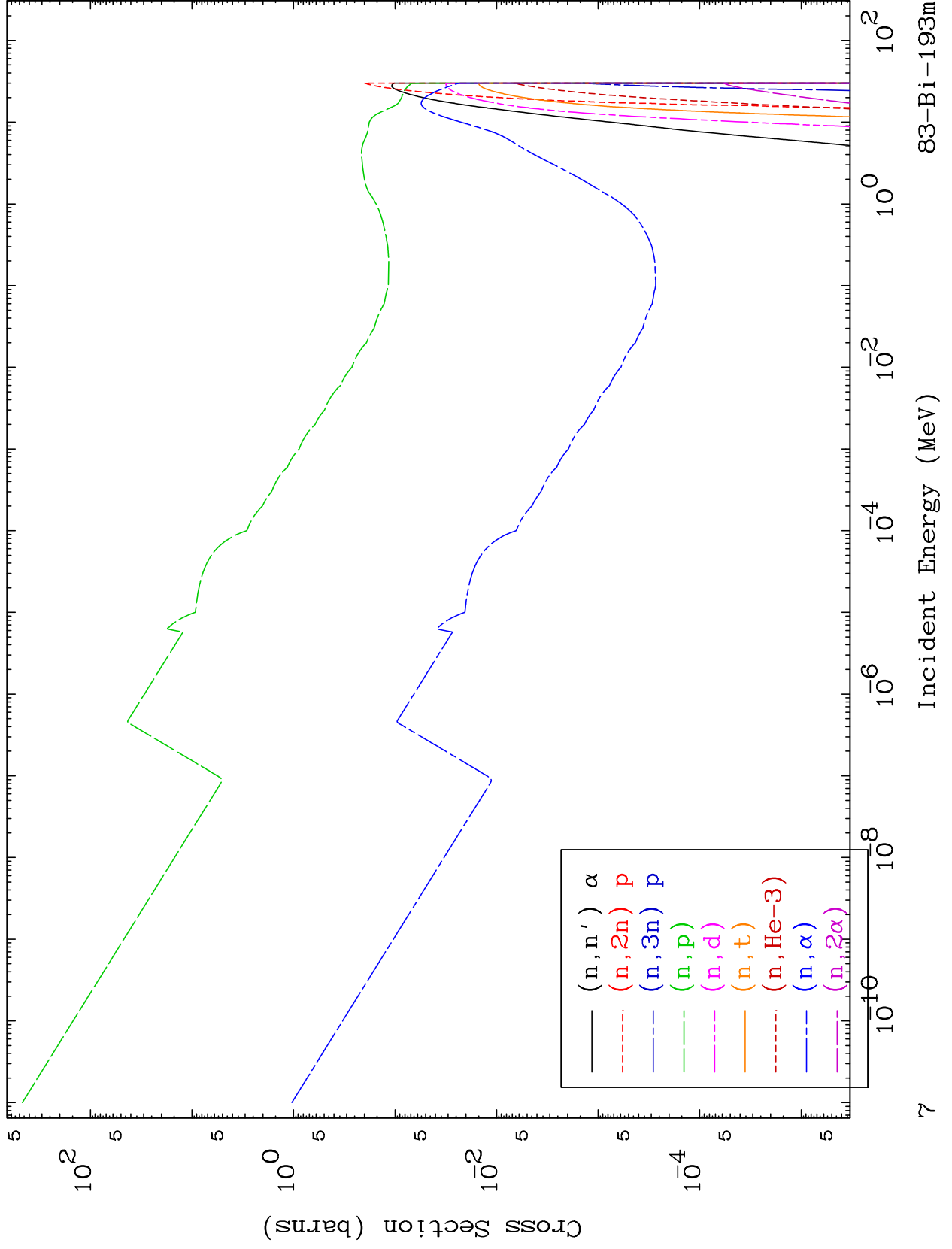
83-Bi-193m



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Charged Particle  
293 Kelvin Cross Sections

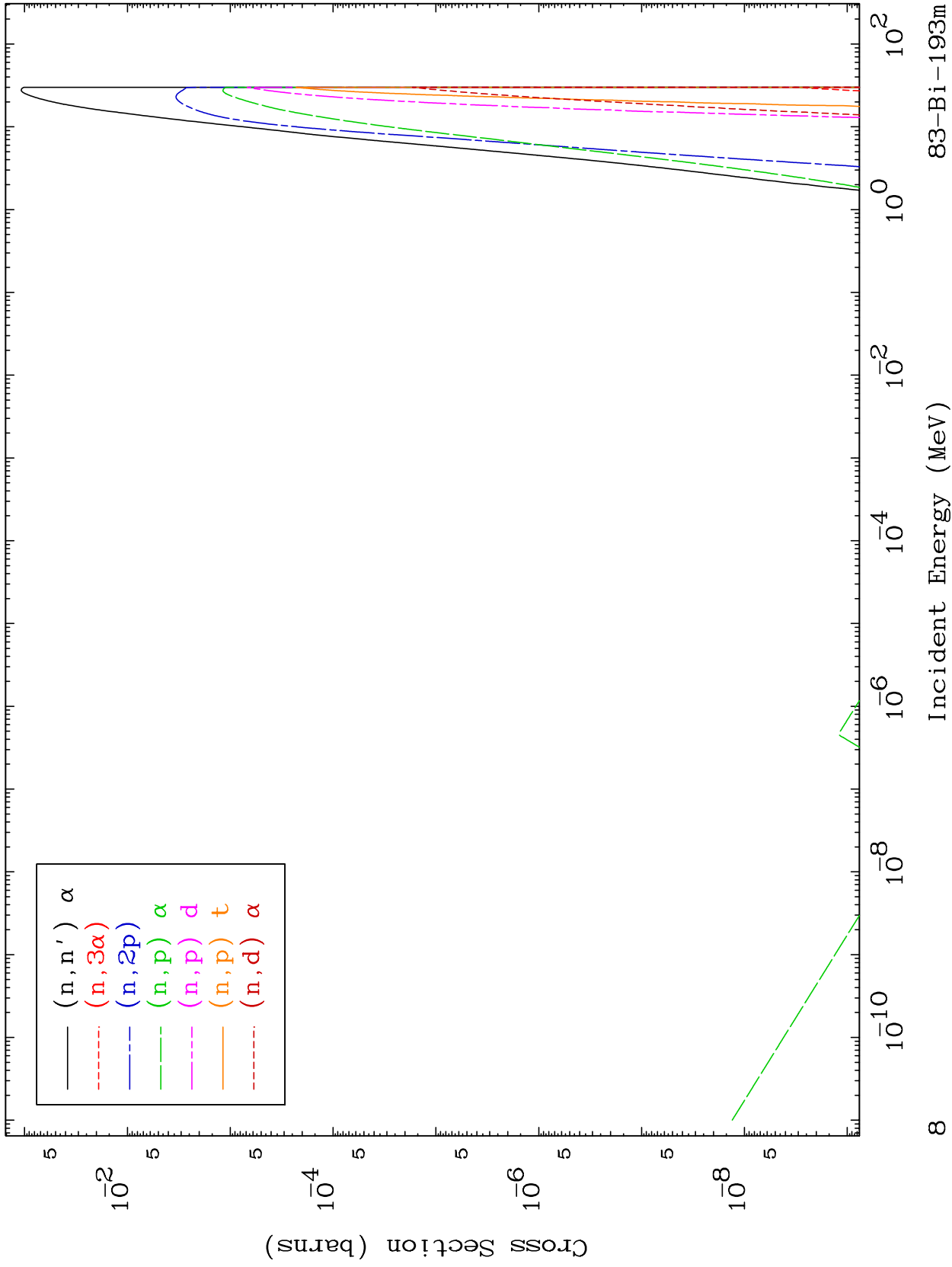
83-Bi-193m



MAT 8278

Charged Particle  
293 Kelvin Cross Sections

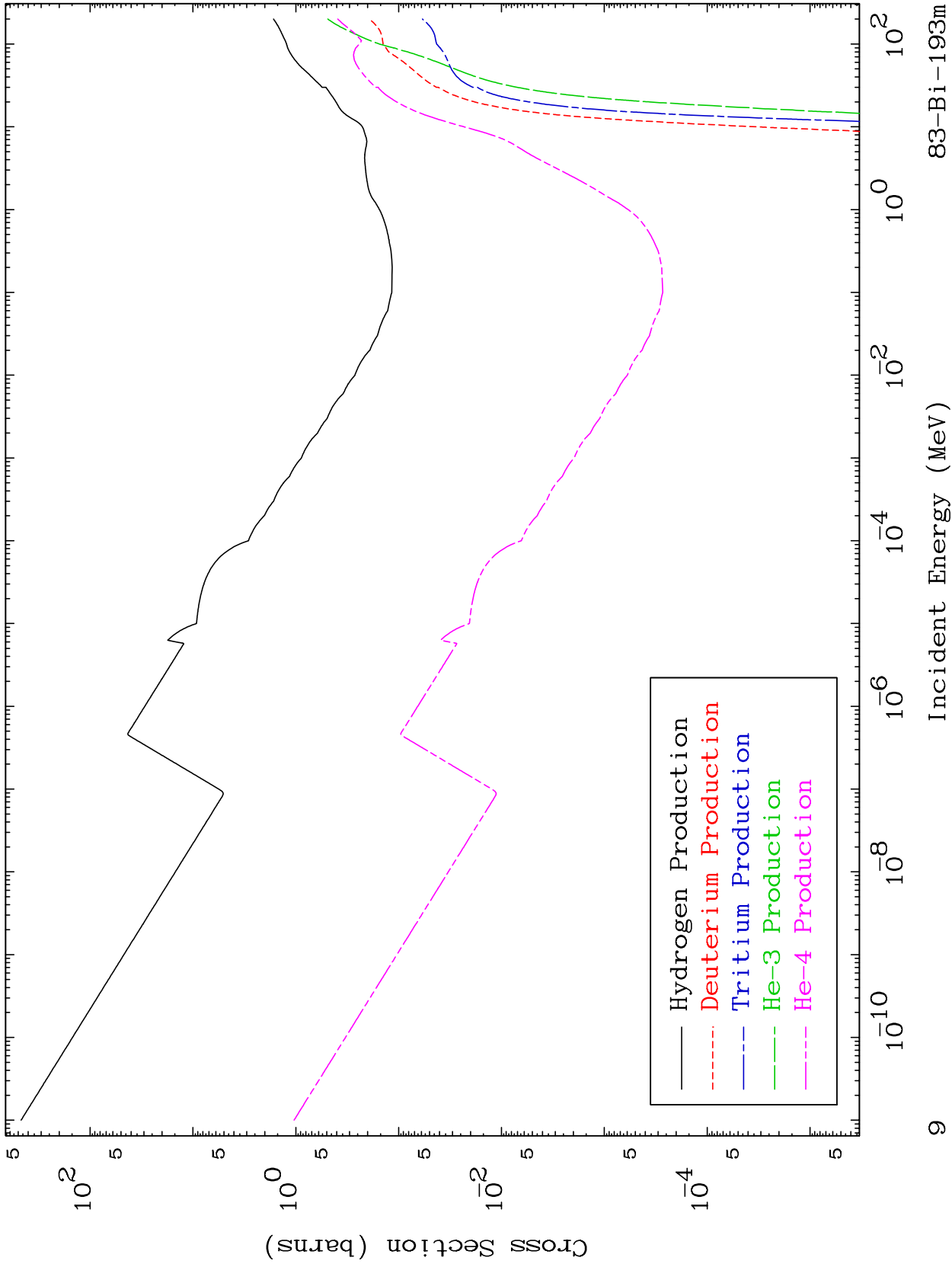
83-Bi-193m



MAT 8278

Particle Production  
293 Kelvin Cross Sections

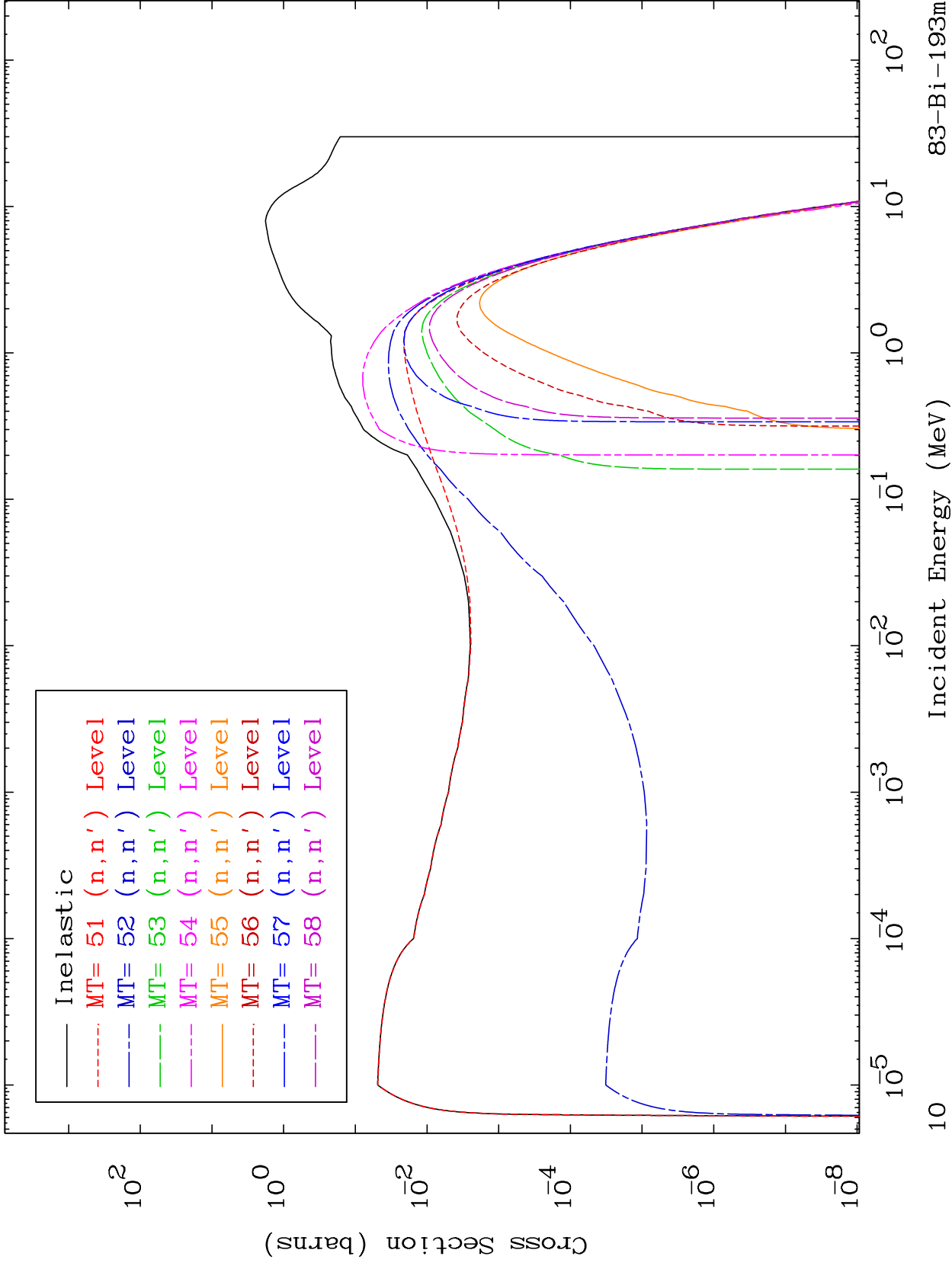
83-Bi-193m



MAT 8278

(n,n') Levels  
293 Kelvin Cross Sections

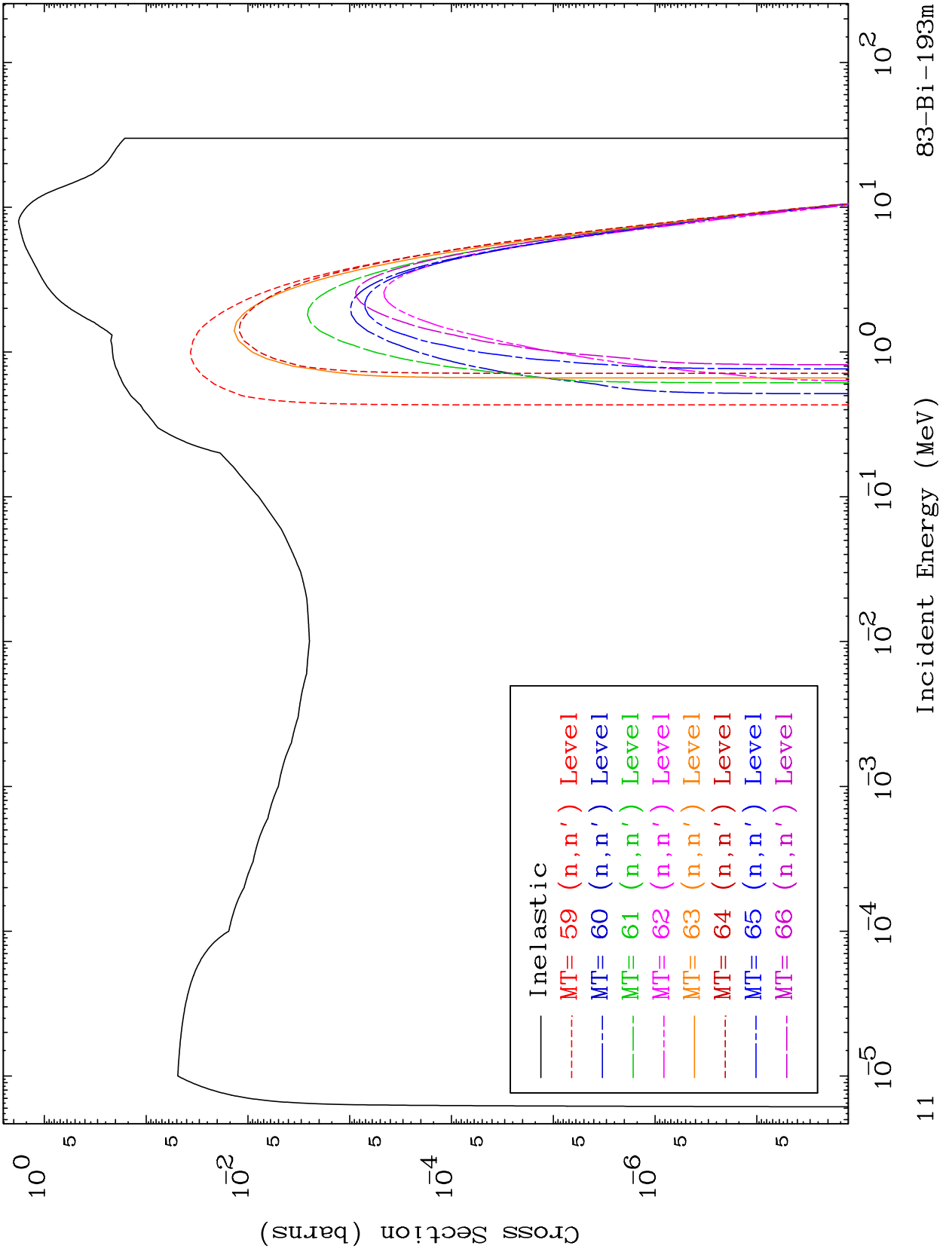
83-Bi-193m



MAT 8278

(n,n') Levels  
293 Kelvin Cross Sections

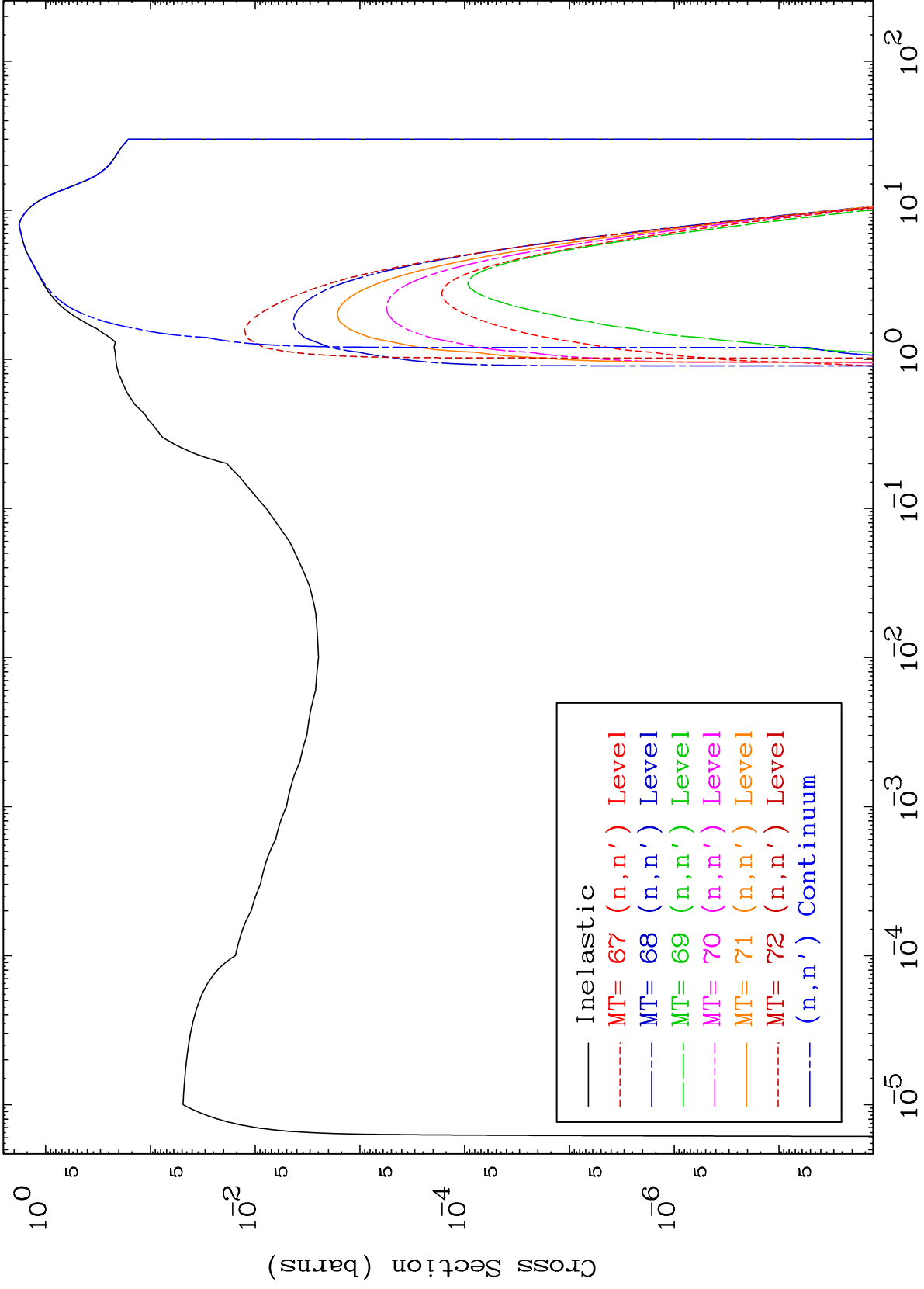
83-Bi-193m



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(n,n') Levels  
293 Kelvin Cross Sections

83-Bi-193m



12

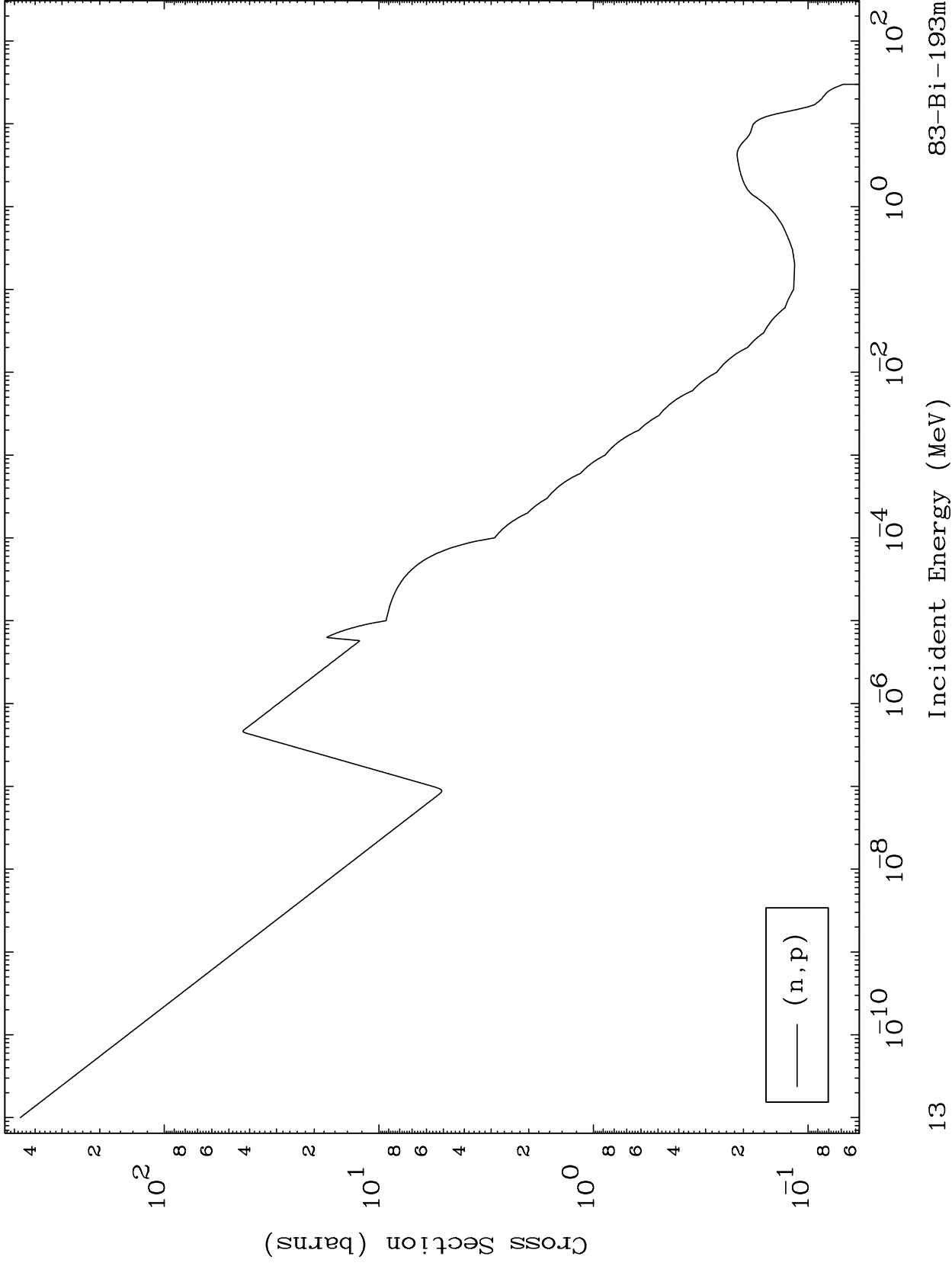
Incident Energy (MeV)

83-Bi-193m

MAT 8278

(n,p) Levels  
293 Kelvin Cross Sections

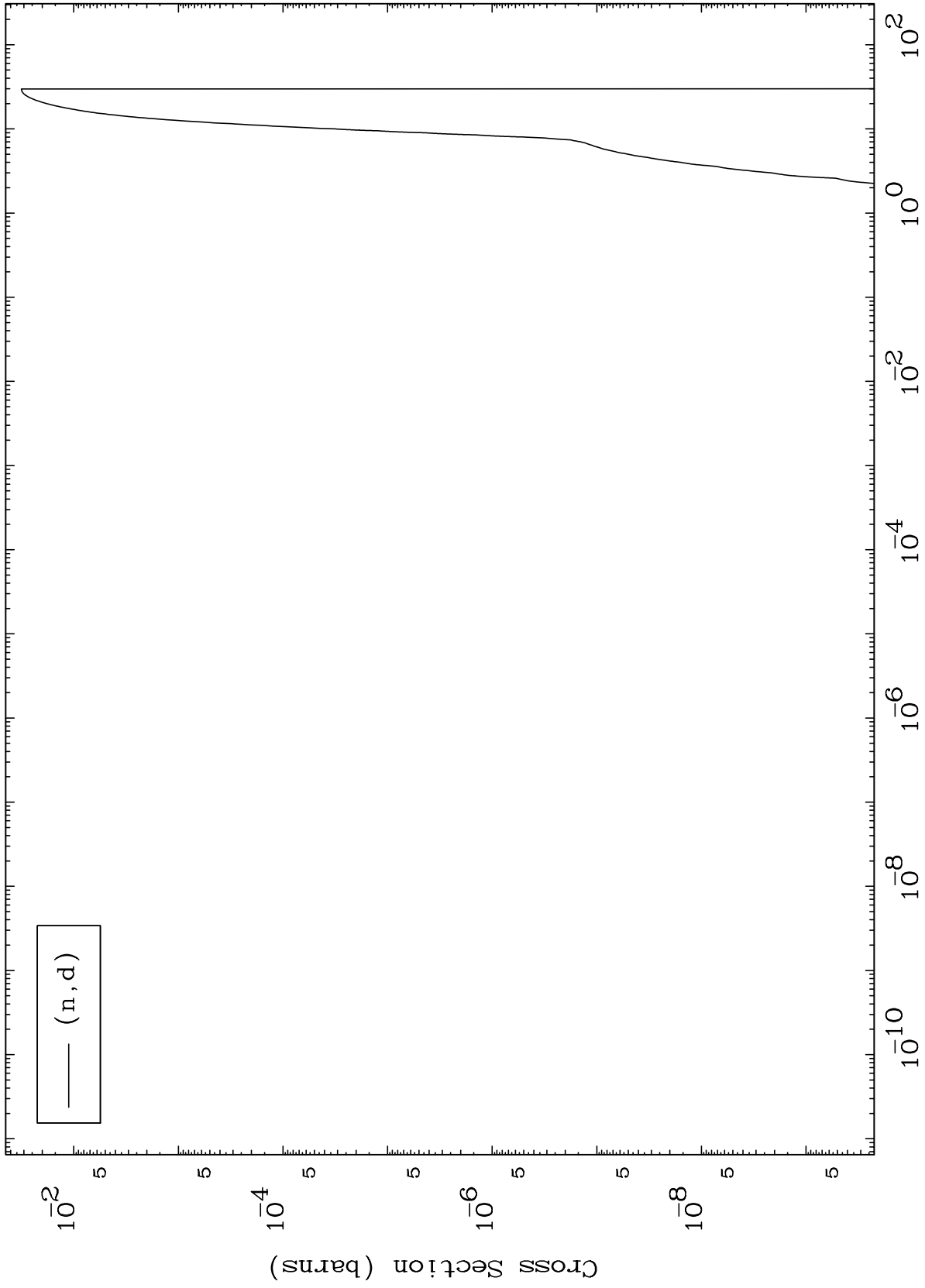
83-Bi-193m



MAT 8278

(n,d) Levels  
293 Kelvin Cross Sections

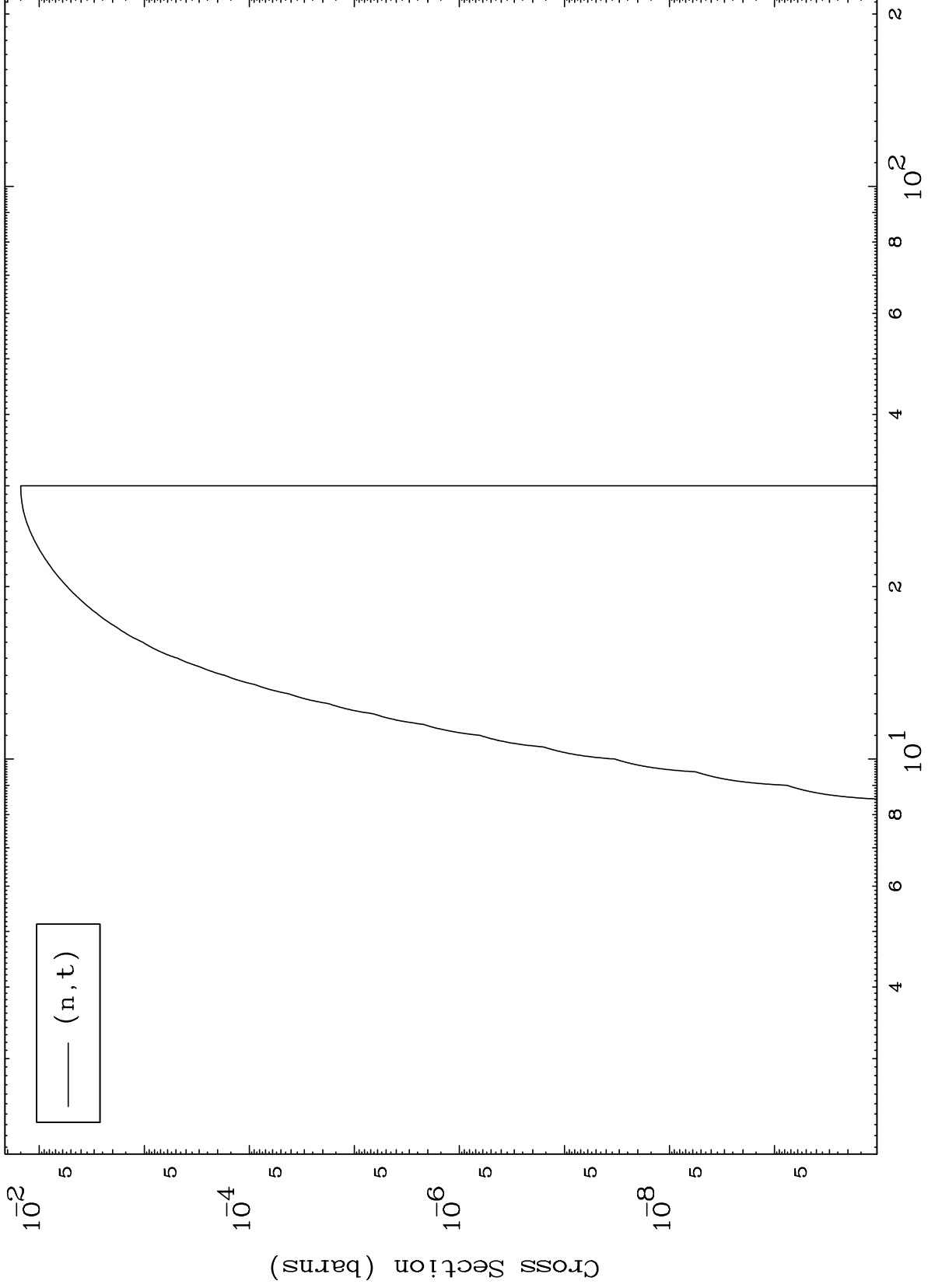
83-Bi-193m



MAT 8278

(n,t) Levels  
293 Kelvin Cross Sections

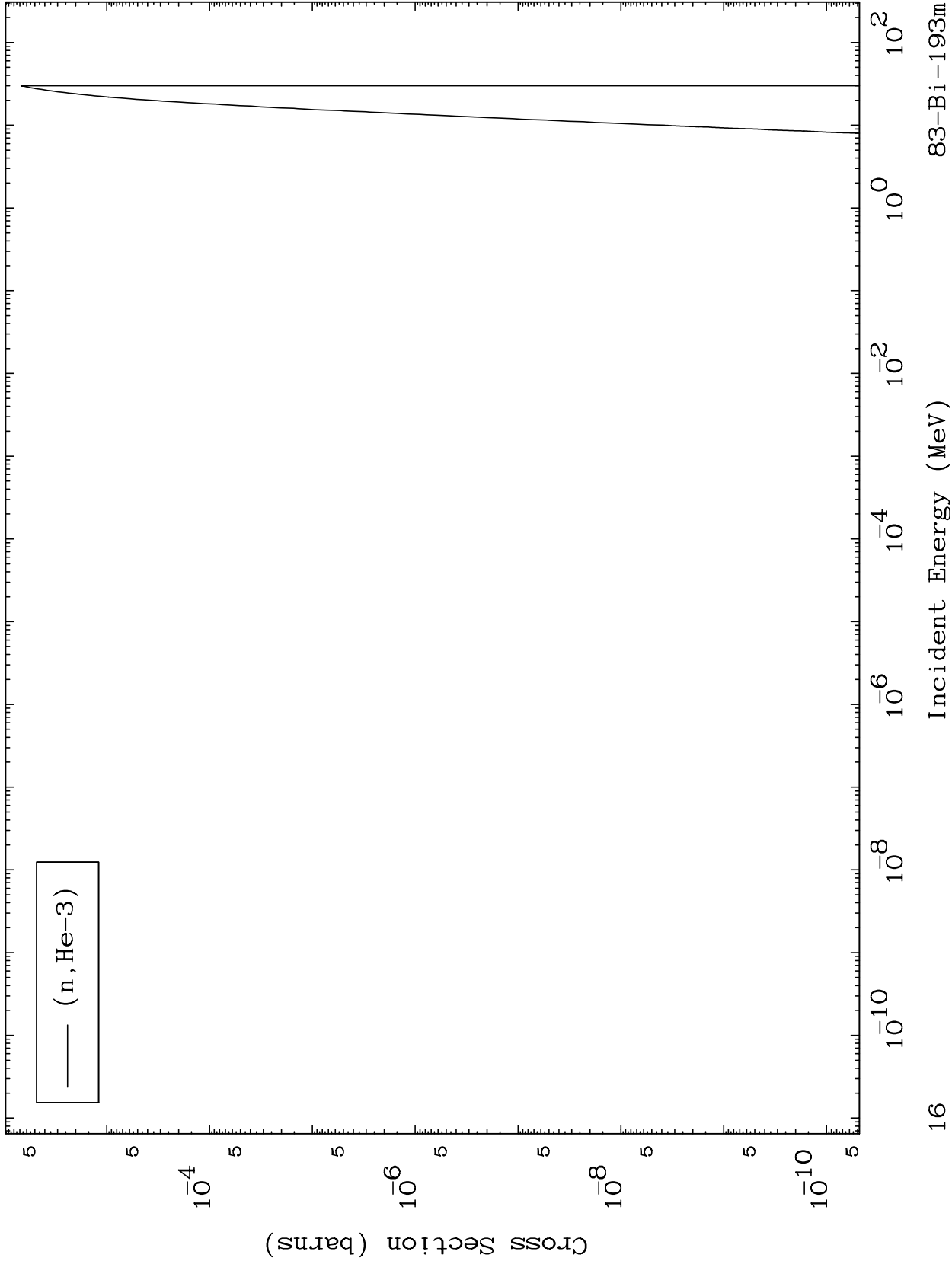
83-Bi-193m



MAT 8278

(n,He3) Levels  
293 Kelvin Cross Sections

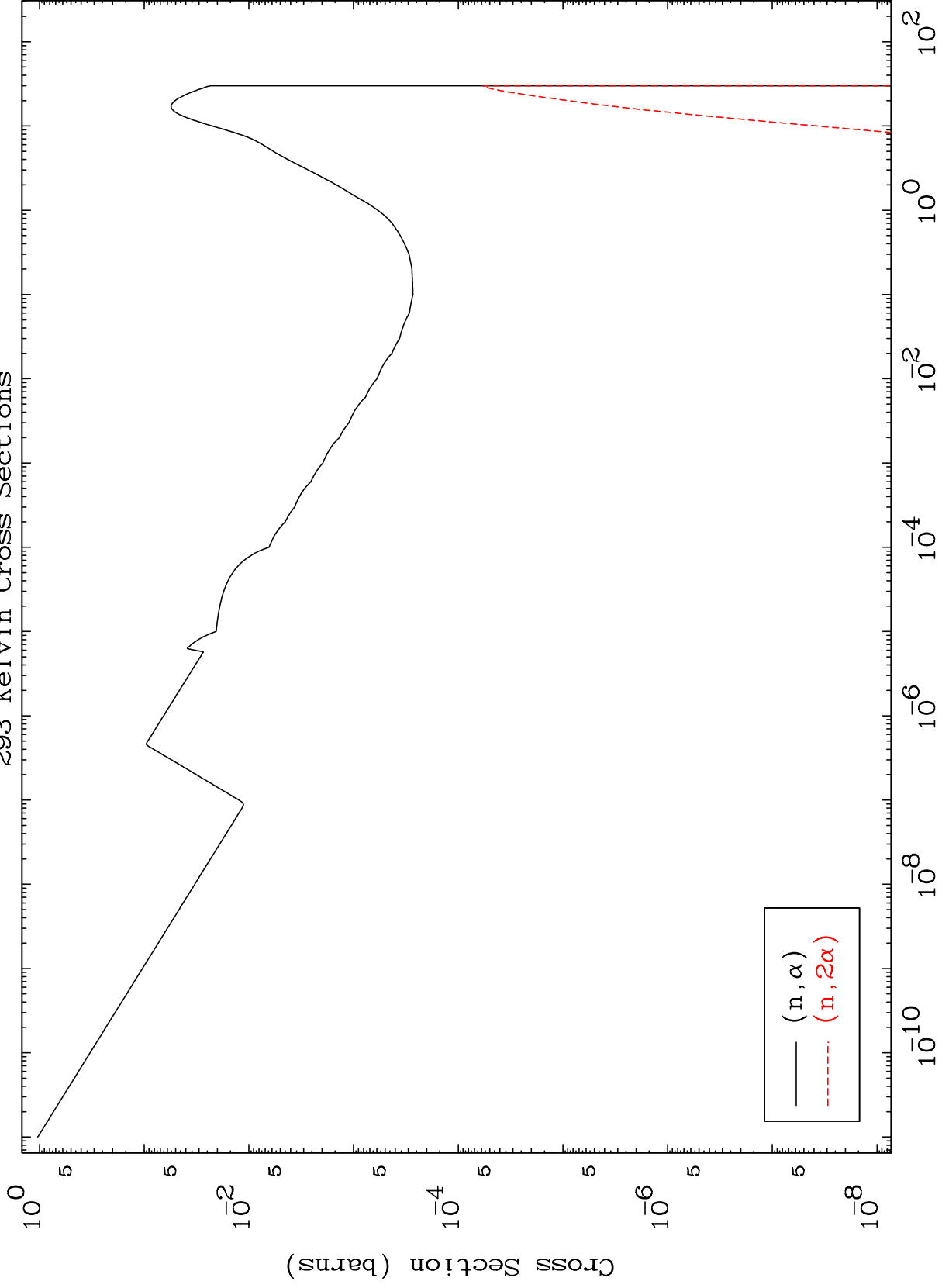
83-Bi-193m



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

83-Bi-193m

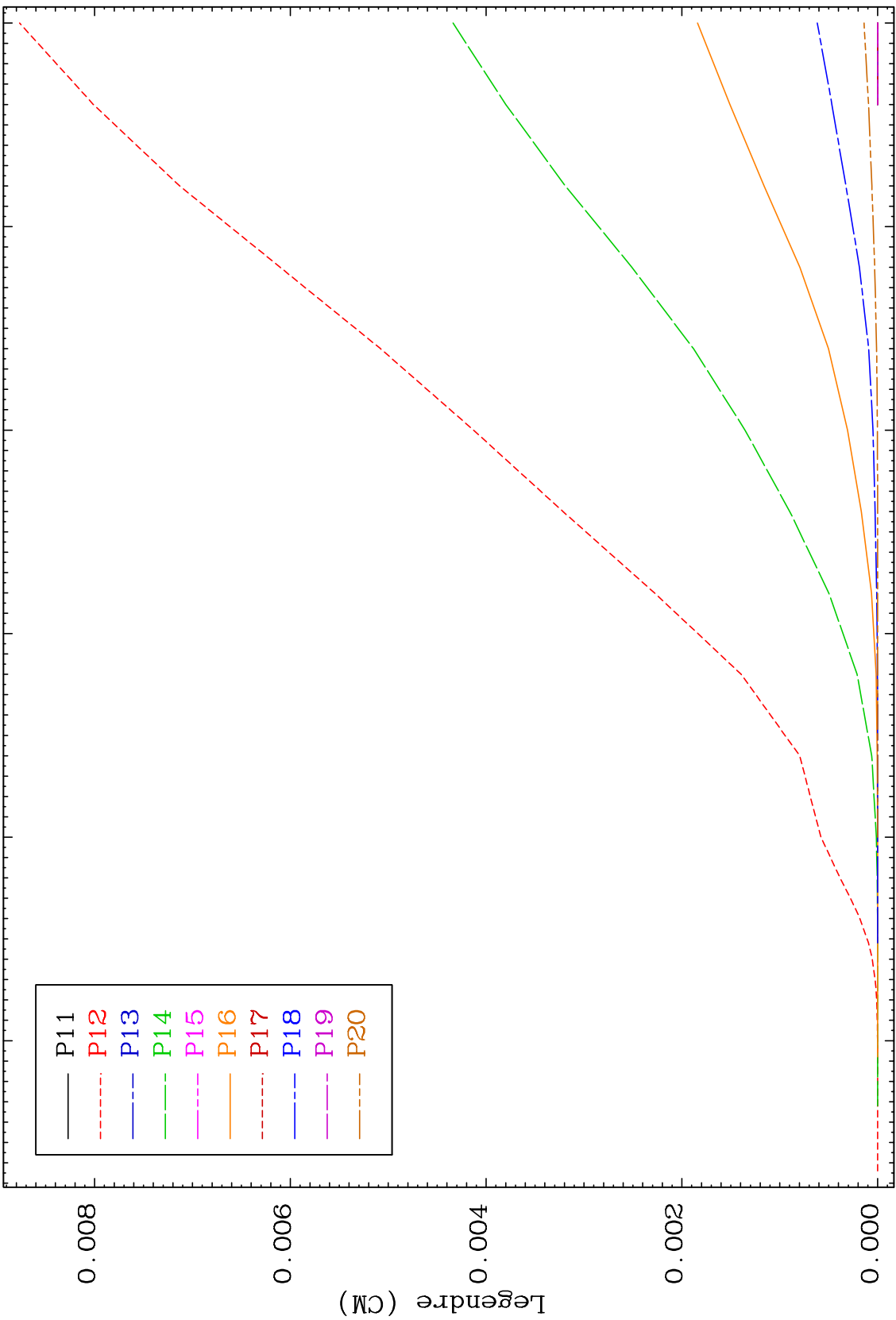




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Elastic Legendre Coefficients

83-Bi-193m



19

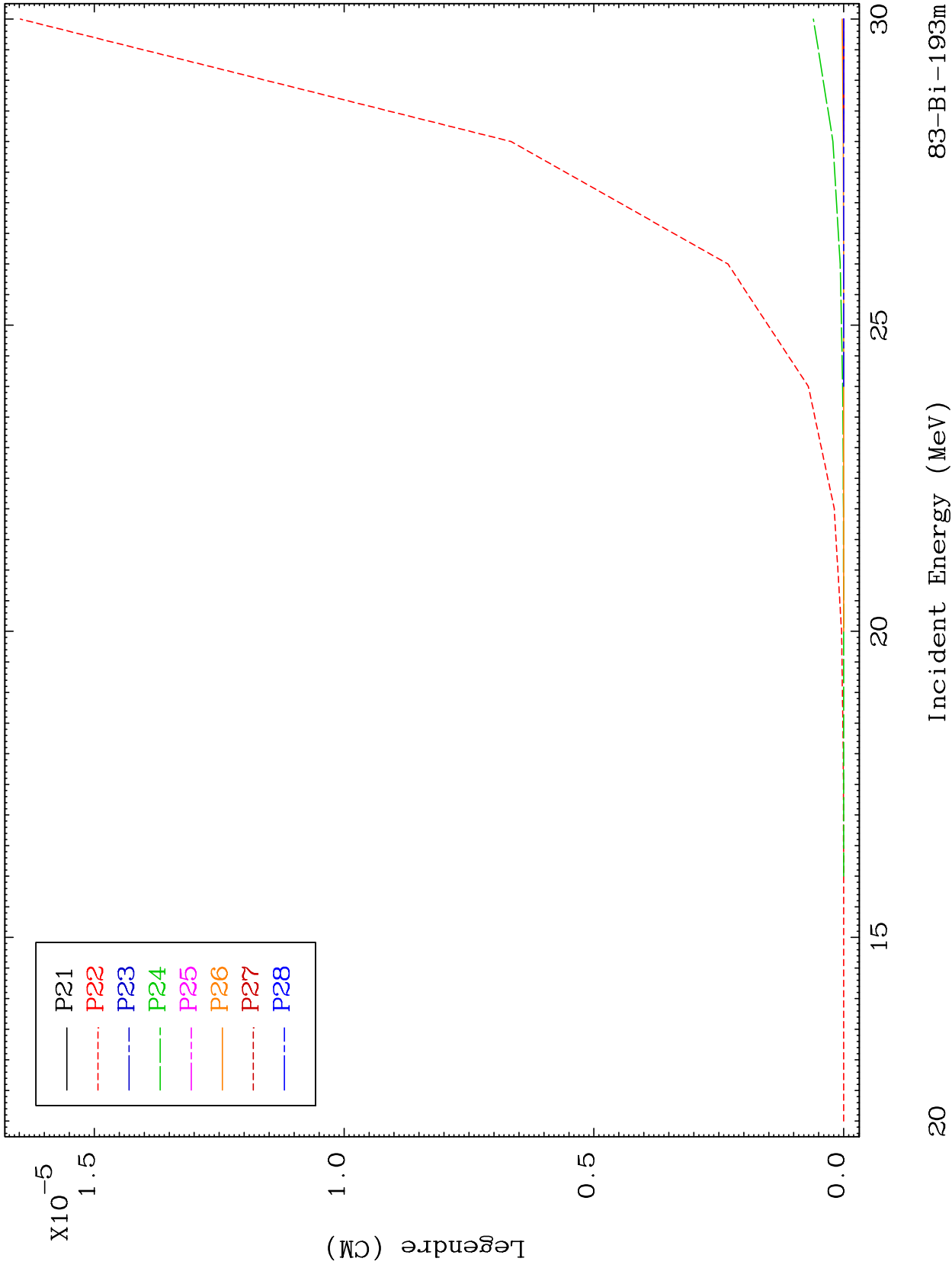
83-Bi-193m

Incident Energy (MeV)

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### Elastic Legendre Coefficients

83-Bi-193m



20

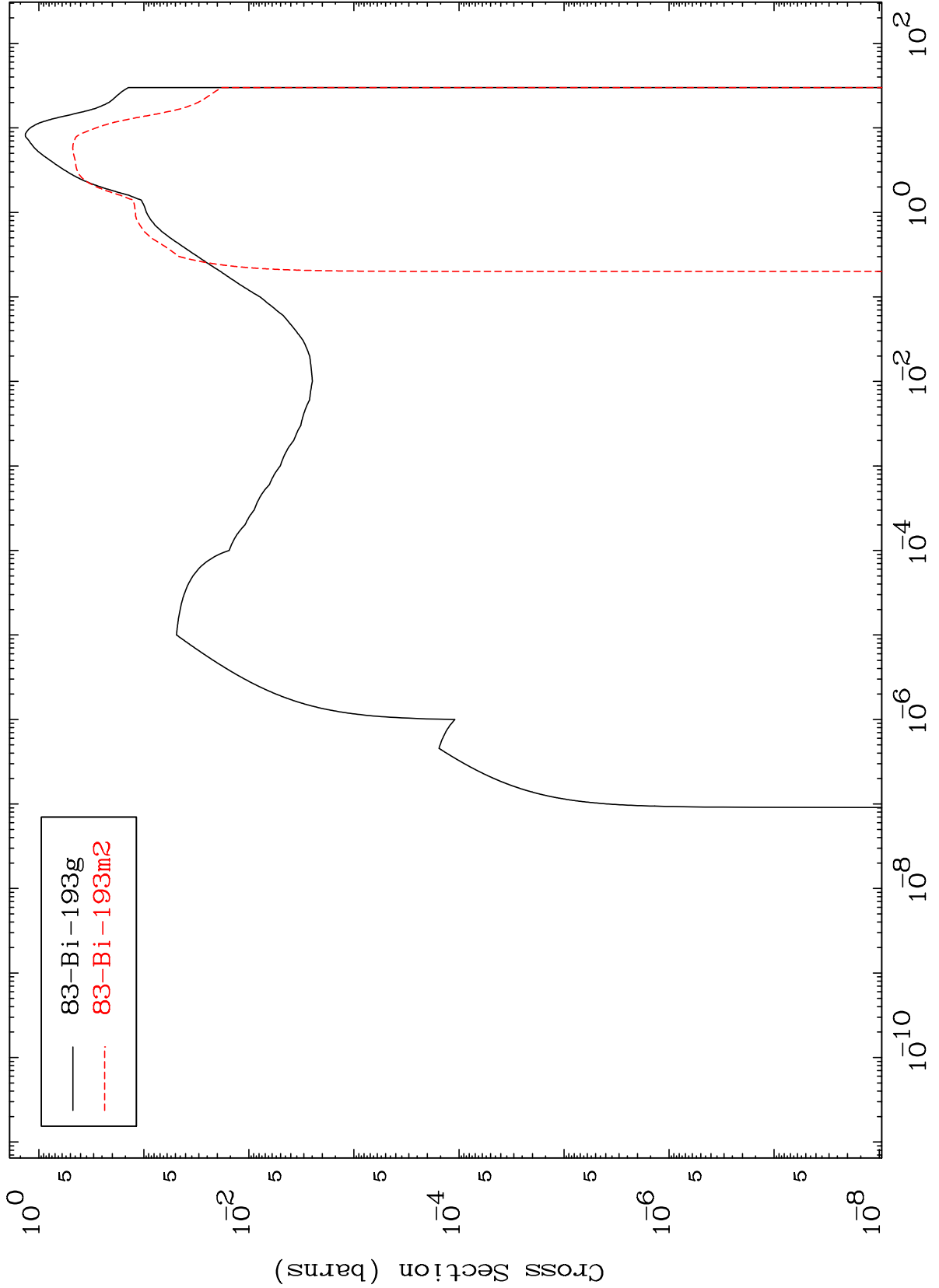
Incident Energy (MeV)

83-Bi-193m

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Inelastic  
Radionuclide Production Cross Section

<sup>83</sup>Bi-193m



— 83-Bi-193g  
- - - 83-Bi-193m2

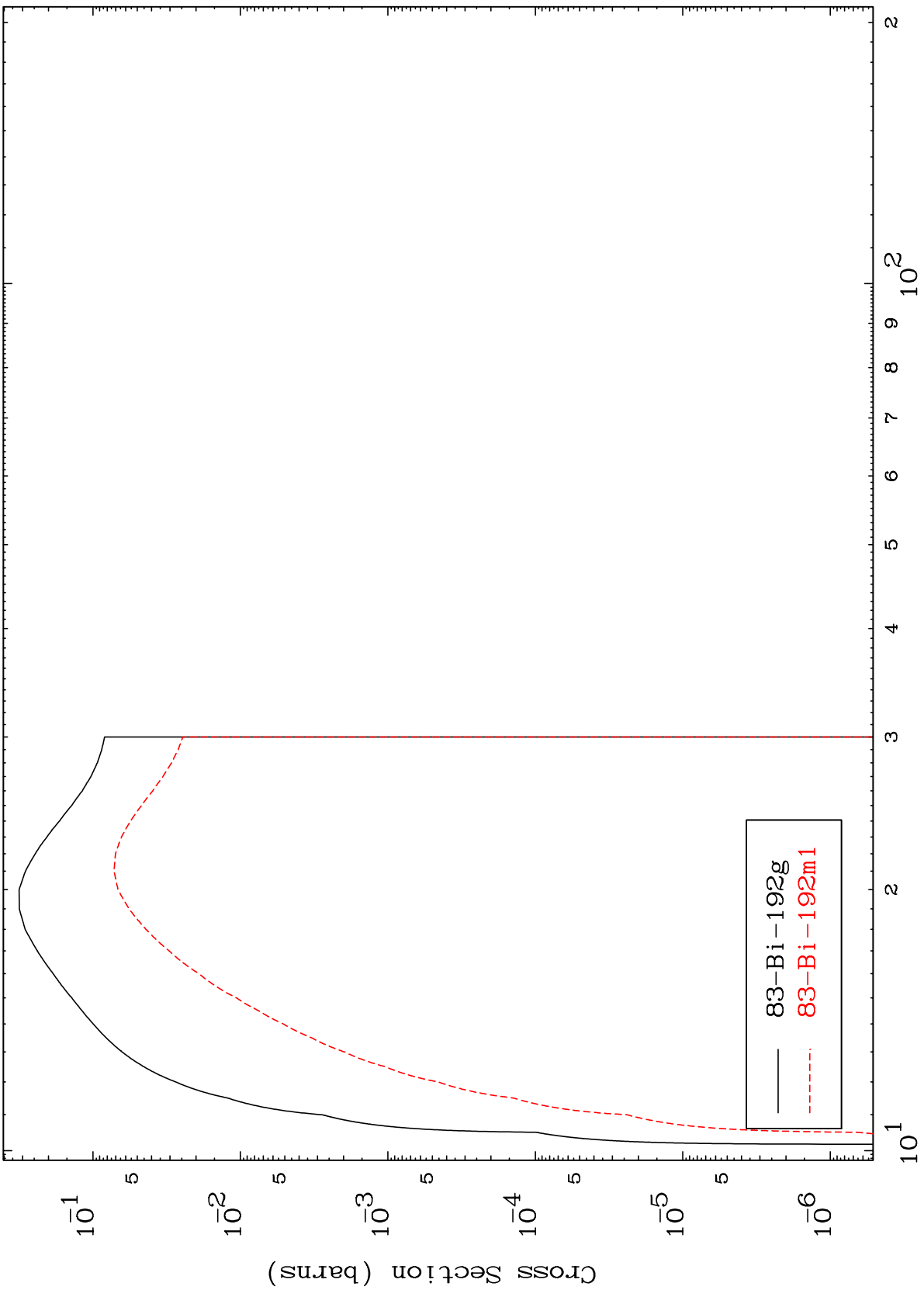
<sup>83</sup>Bi-193m

Incident Energy (MeV)

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83-Bi-193m

Radionuclide Production Cross Section  
(n,2n)



83-Bi-193m

Incident Energy (MeV)

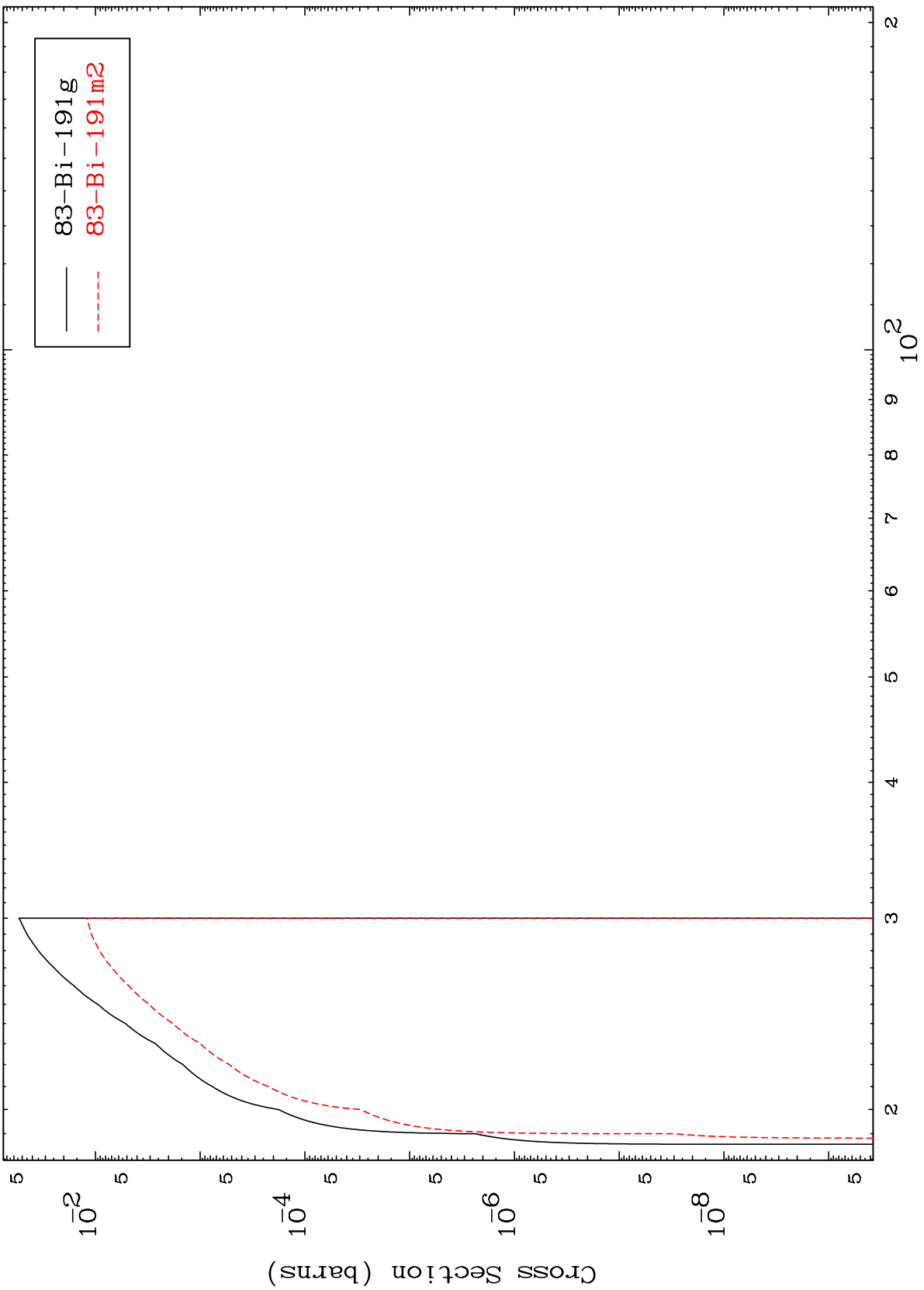
22

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<sup>83</sup>Bi-193m

(n,3n)

Radionuclide Production Cross Section



<sup>83</sup>Bi-193m

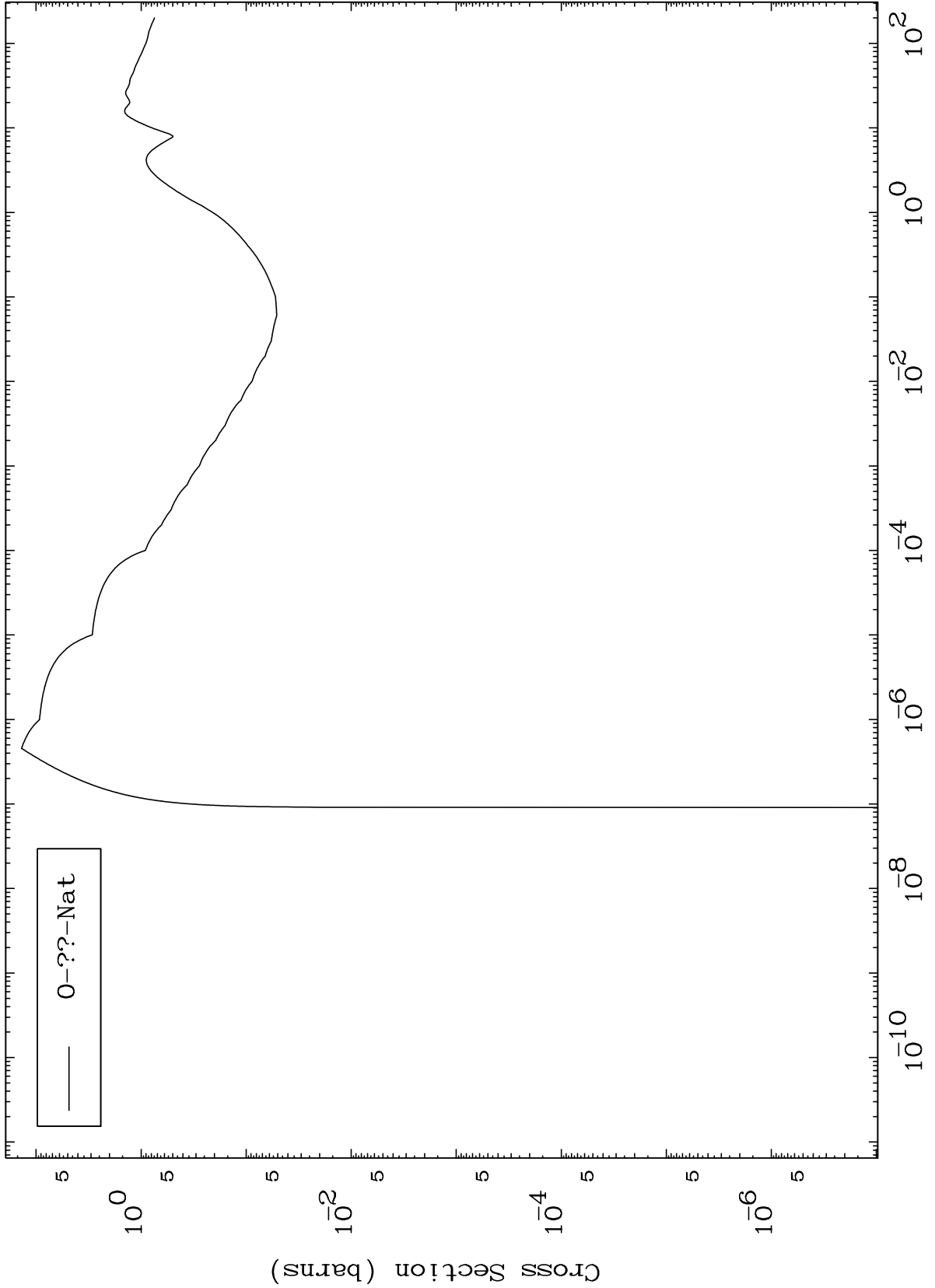
Incident Energy (MeV)

23

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83-Bi-193m

Fission  
Radionuclide Production Cross Section



24

83-Bi-193m

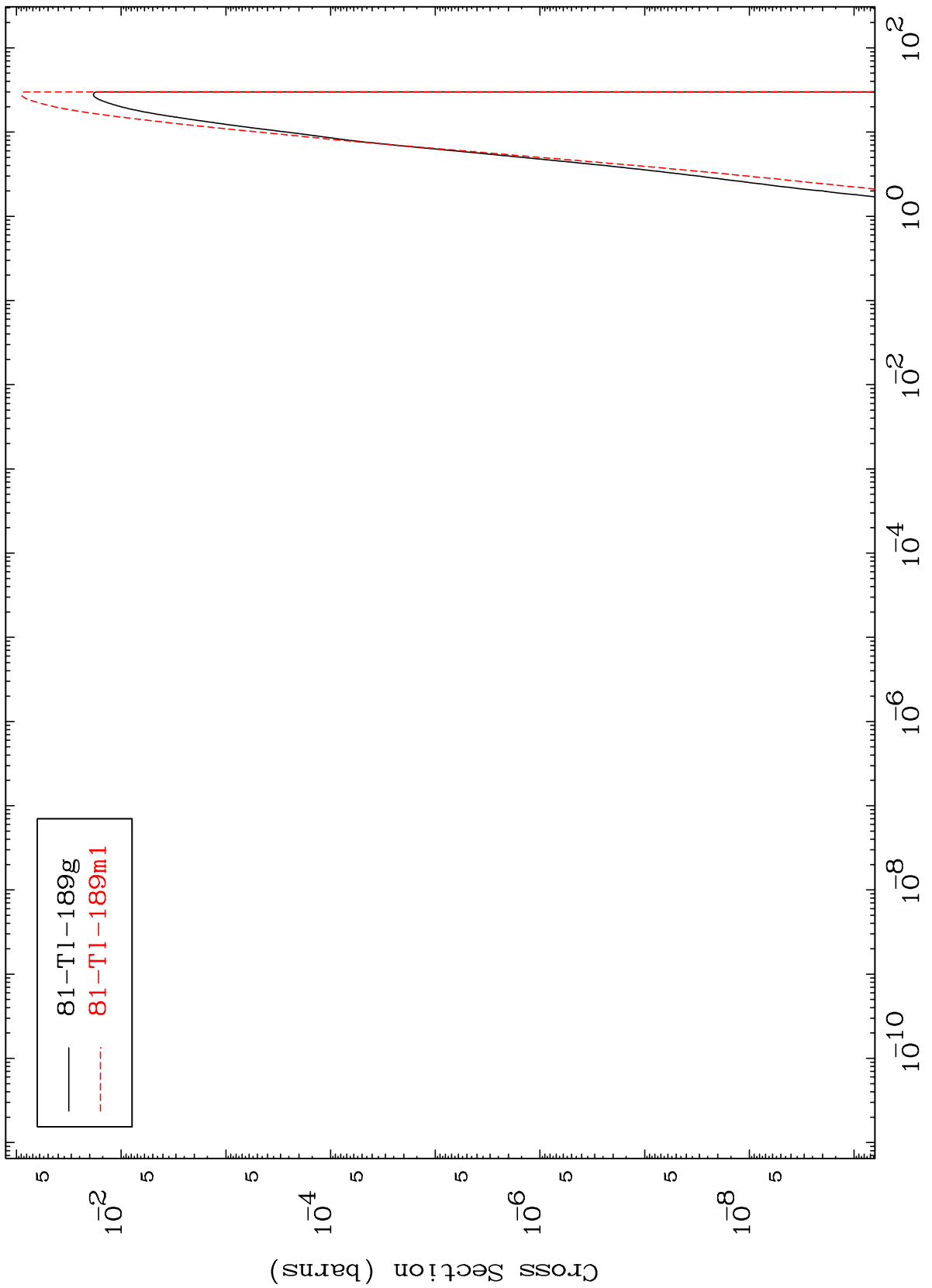
Incident Energy (MeV)

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$(n, n') \alpha$

83-Bi-193m

Radionuclide Production Cross Section

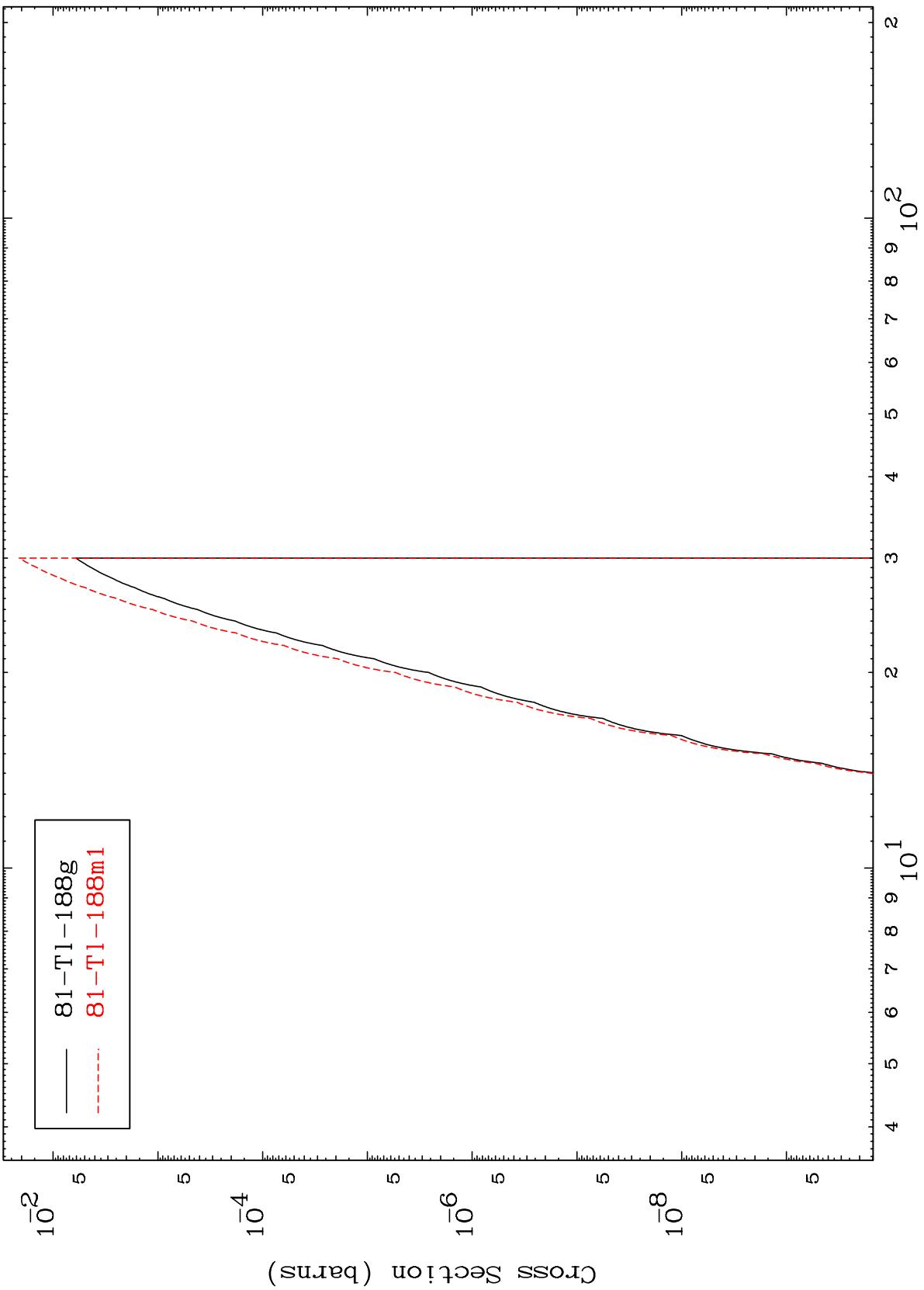


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(n,2n)  $\alpha$

83-Bi-193m

Radionuclide Production Cross Section



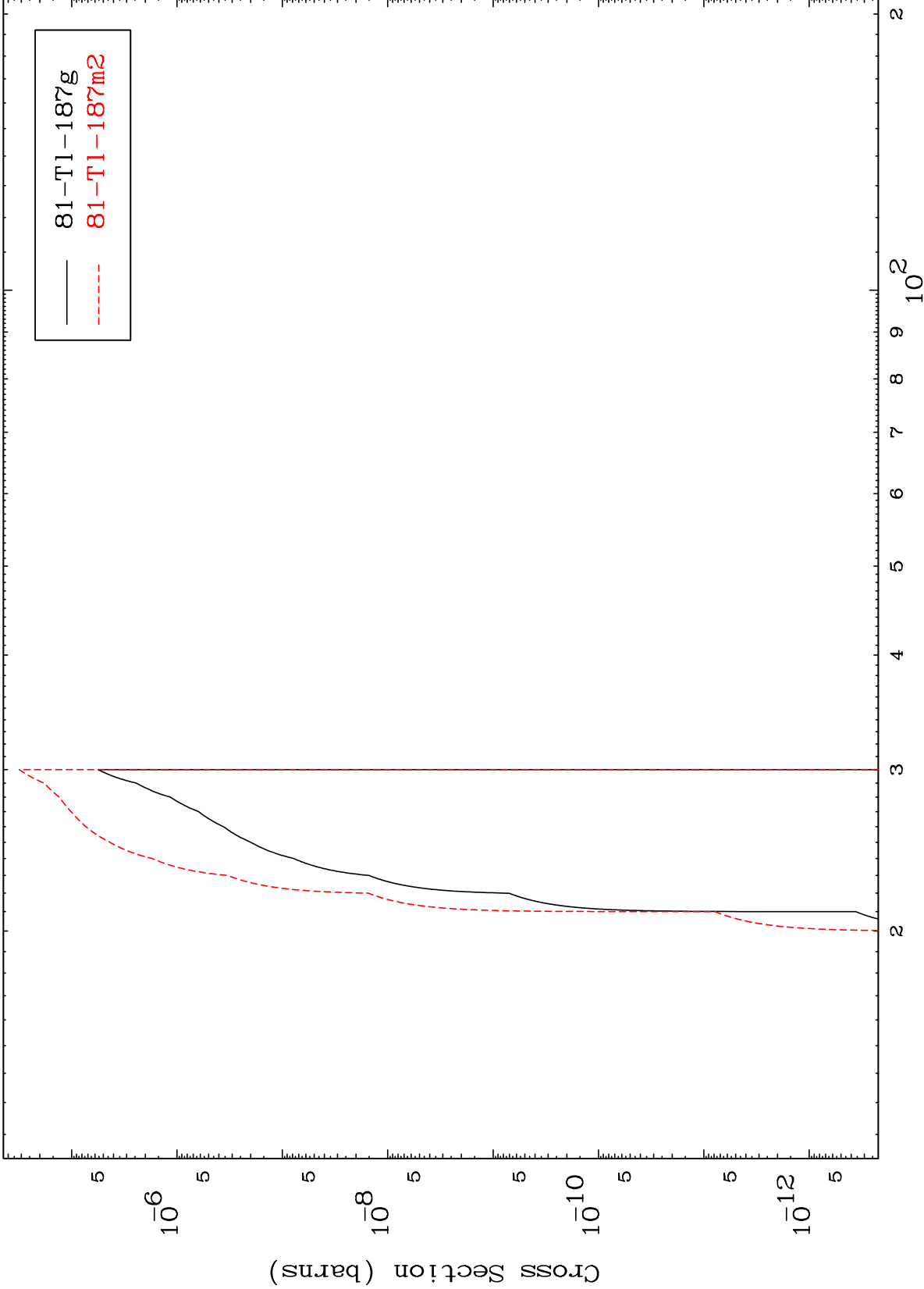
81-Tl-188g  
81-Tl-188m1

26

Incident Energy (MeV)

83-Bi-193m

Radionuclide Production Cross Section

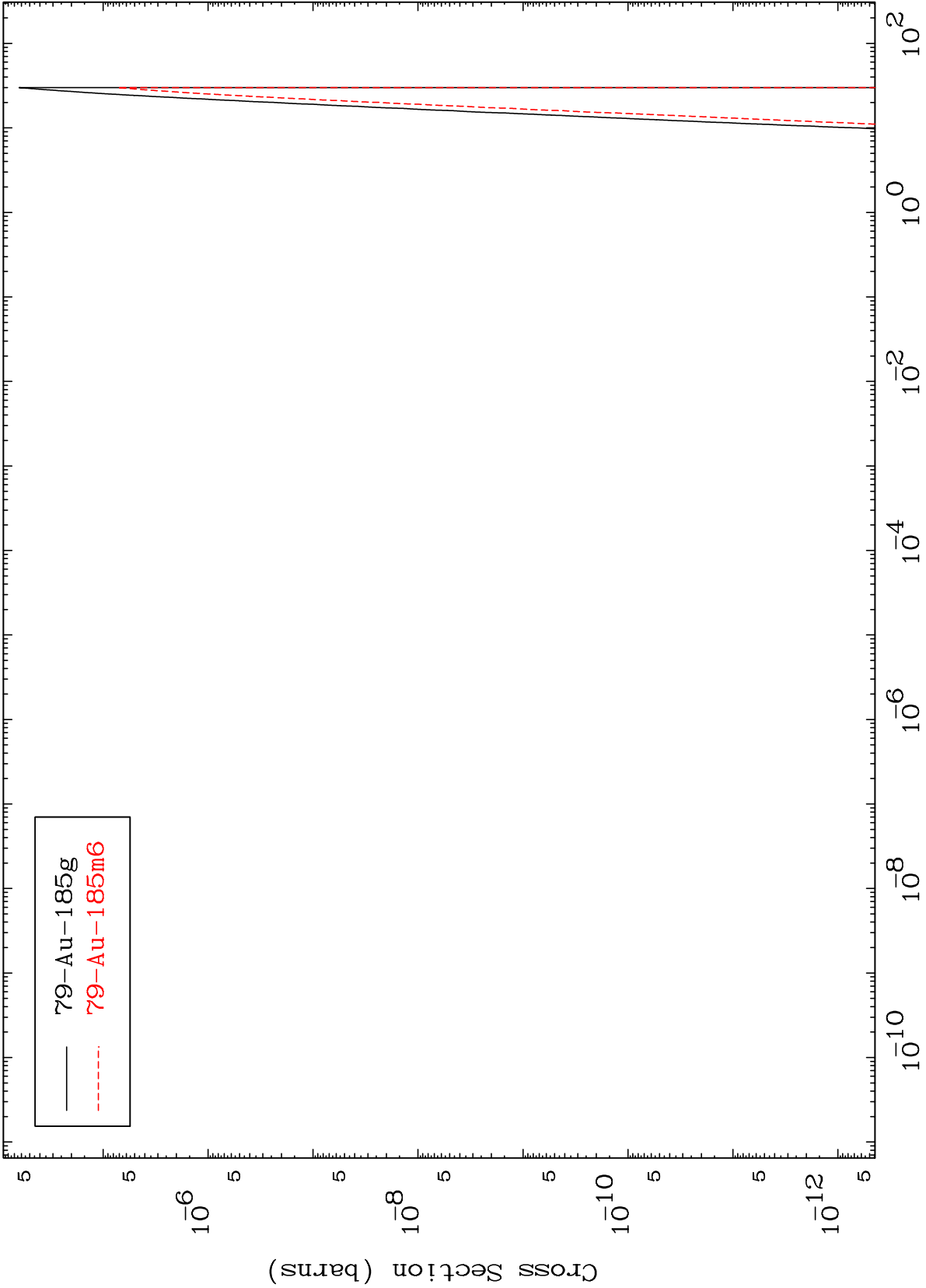


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(n,n') 2 $\alpha$

83-Bi-193m

Radionuclide Production Cross Section

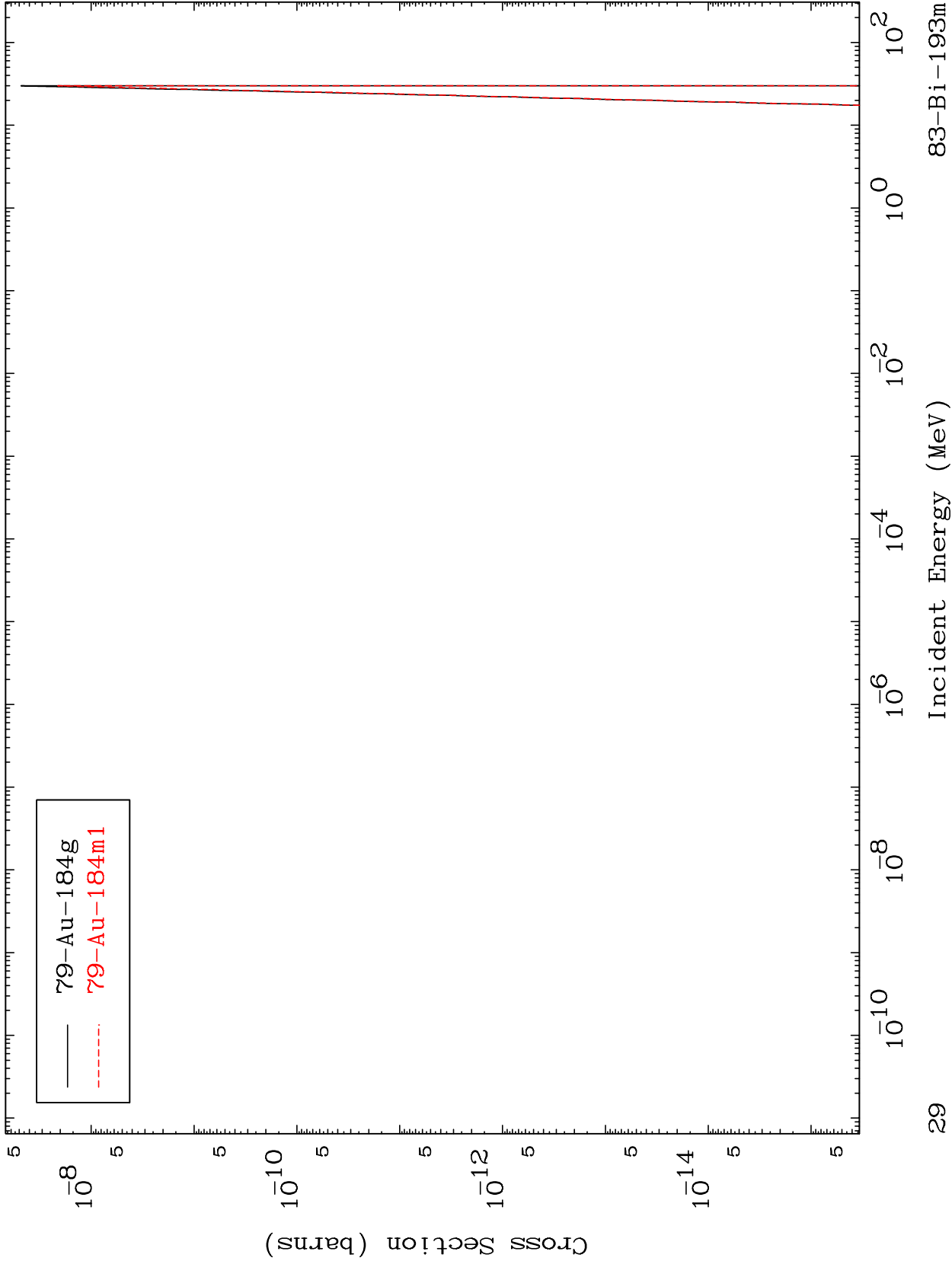


MAT 8278

(n,2n) 2 $\alpha$

83-Bi-193m

Radionuclide Production Cross Section

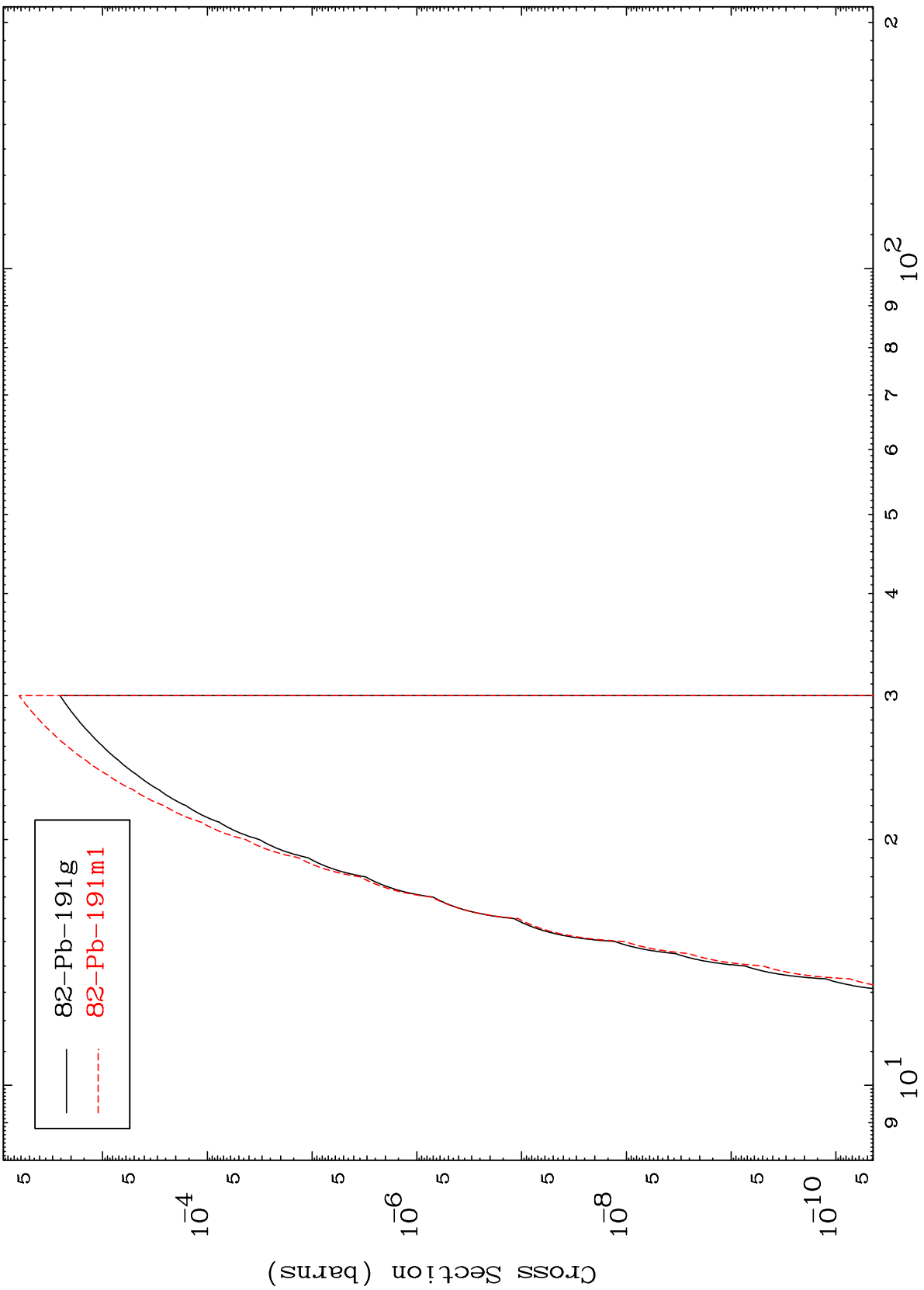


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(n,n') d

83-Bi-193m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

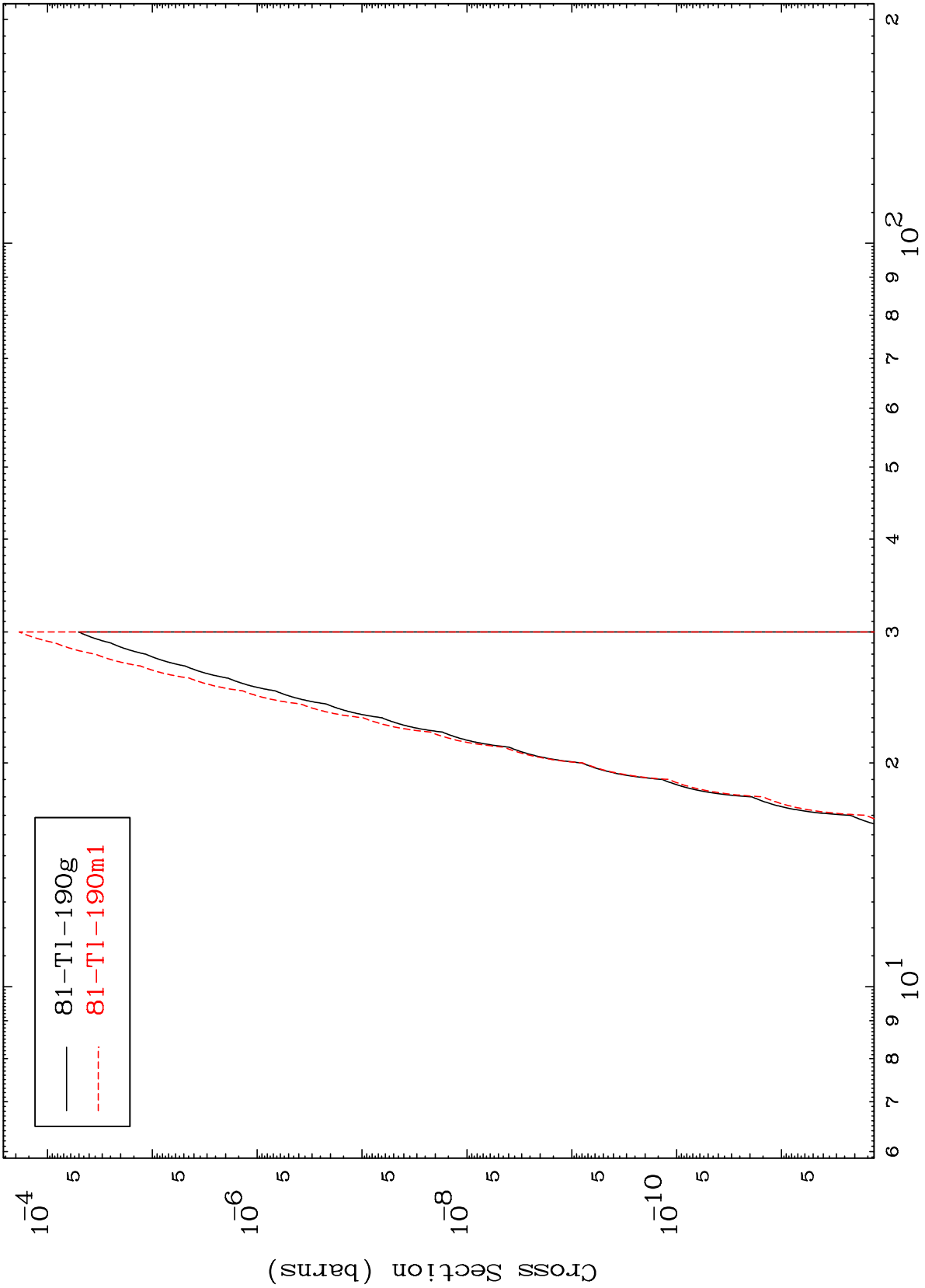
83-Bi-193m

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(n,n') He-3

83-Bi-193m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

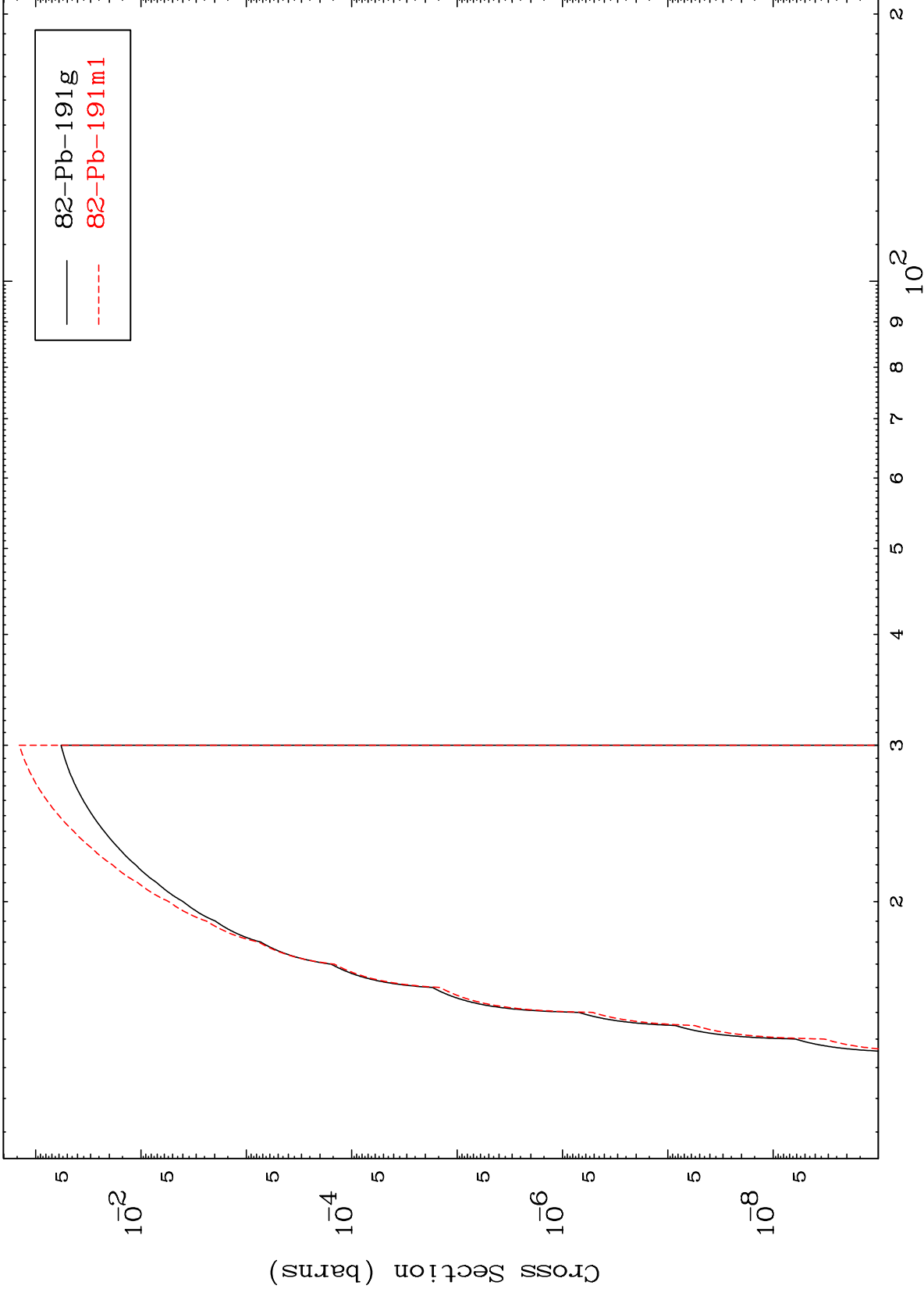
83-Bi-193m

MAT 8278

(n,2n) p

83-Bi-193m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

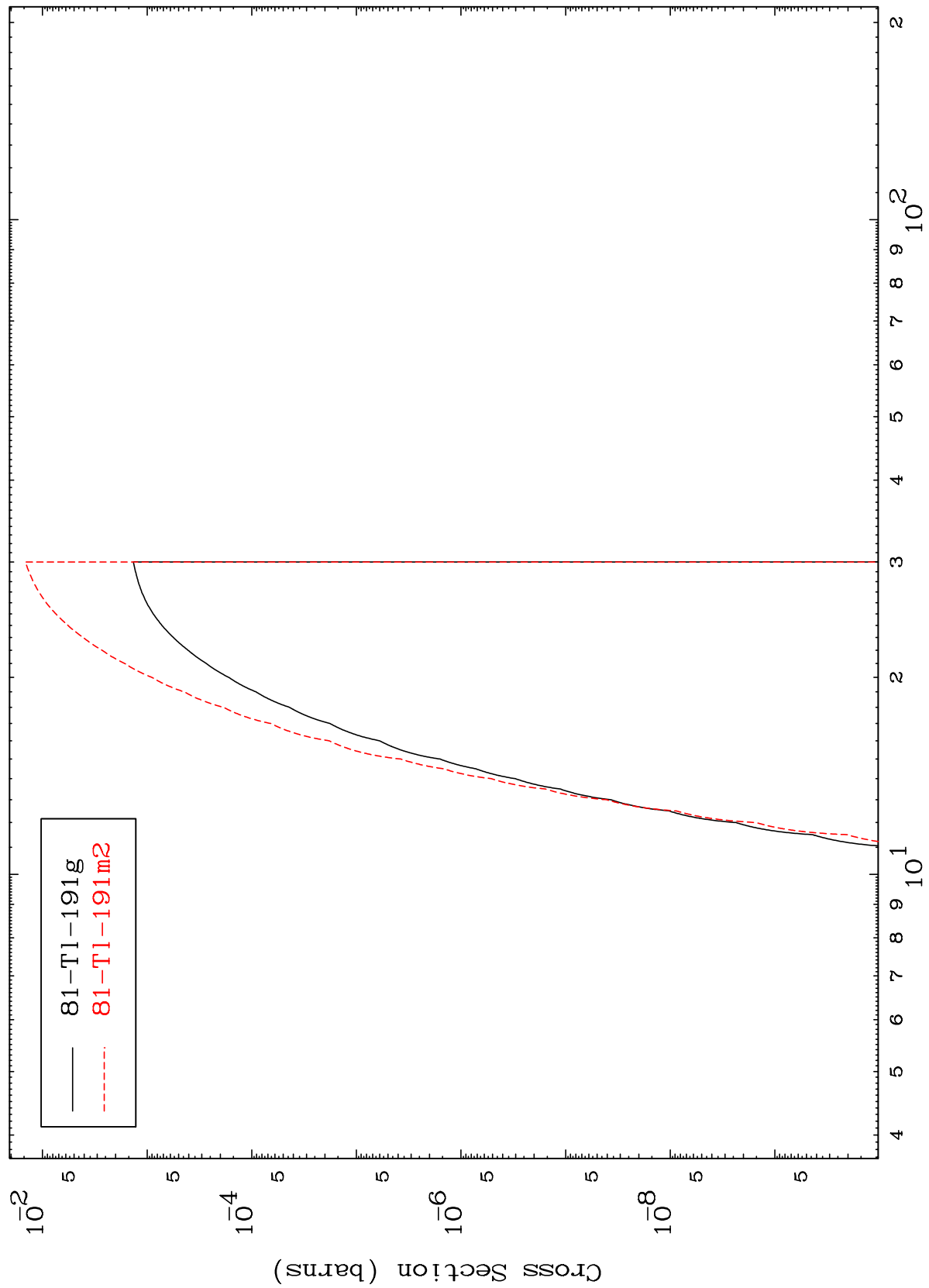
83-Bi-193m

MAT 8278

(n,2n) p

83-Bi-193m

Radionuclide Production Cross Section



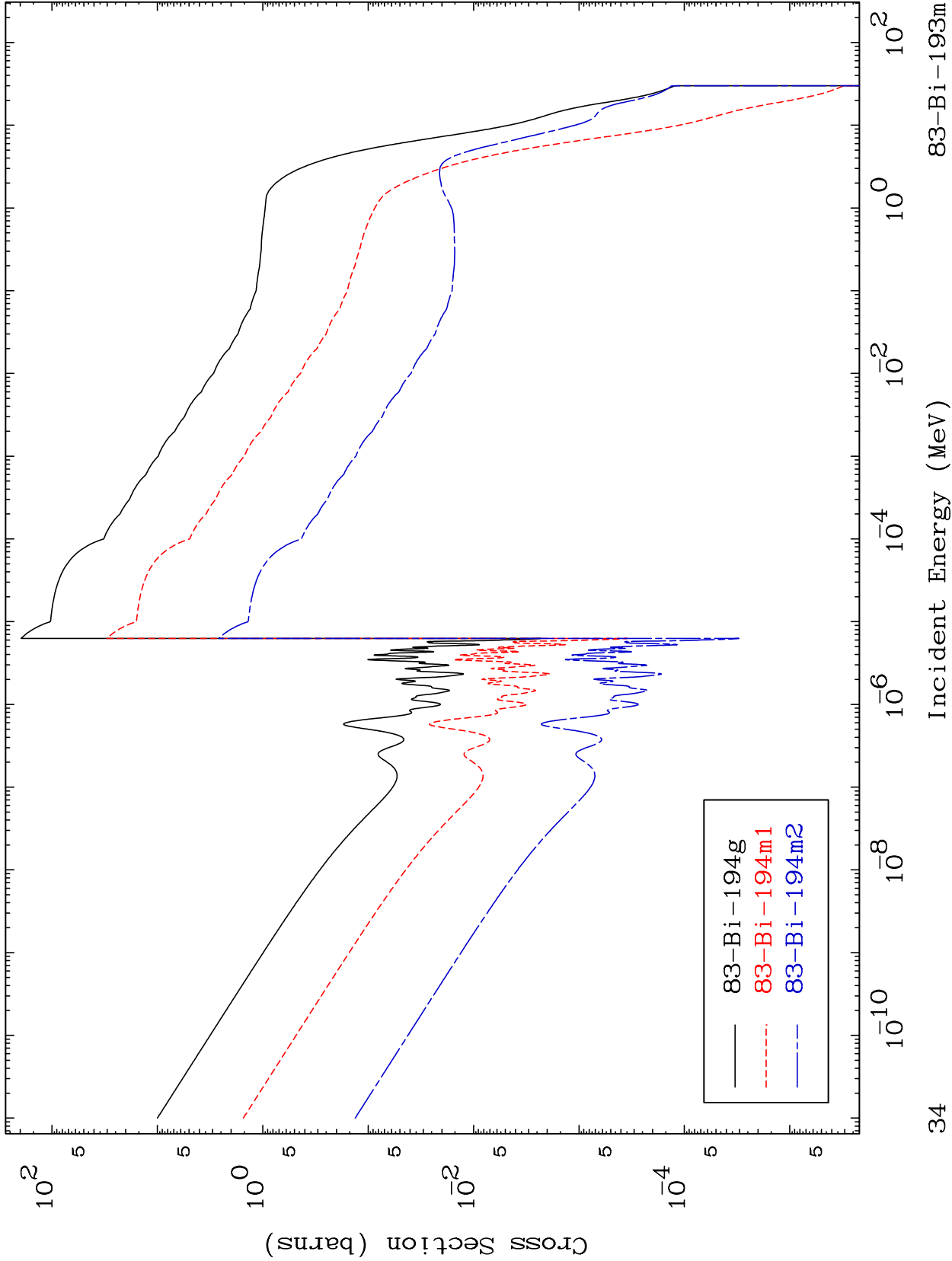
Incident Energy (MeV)

83-Bi-193m

MAT 8278

83-Bi-193m

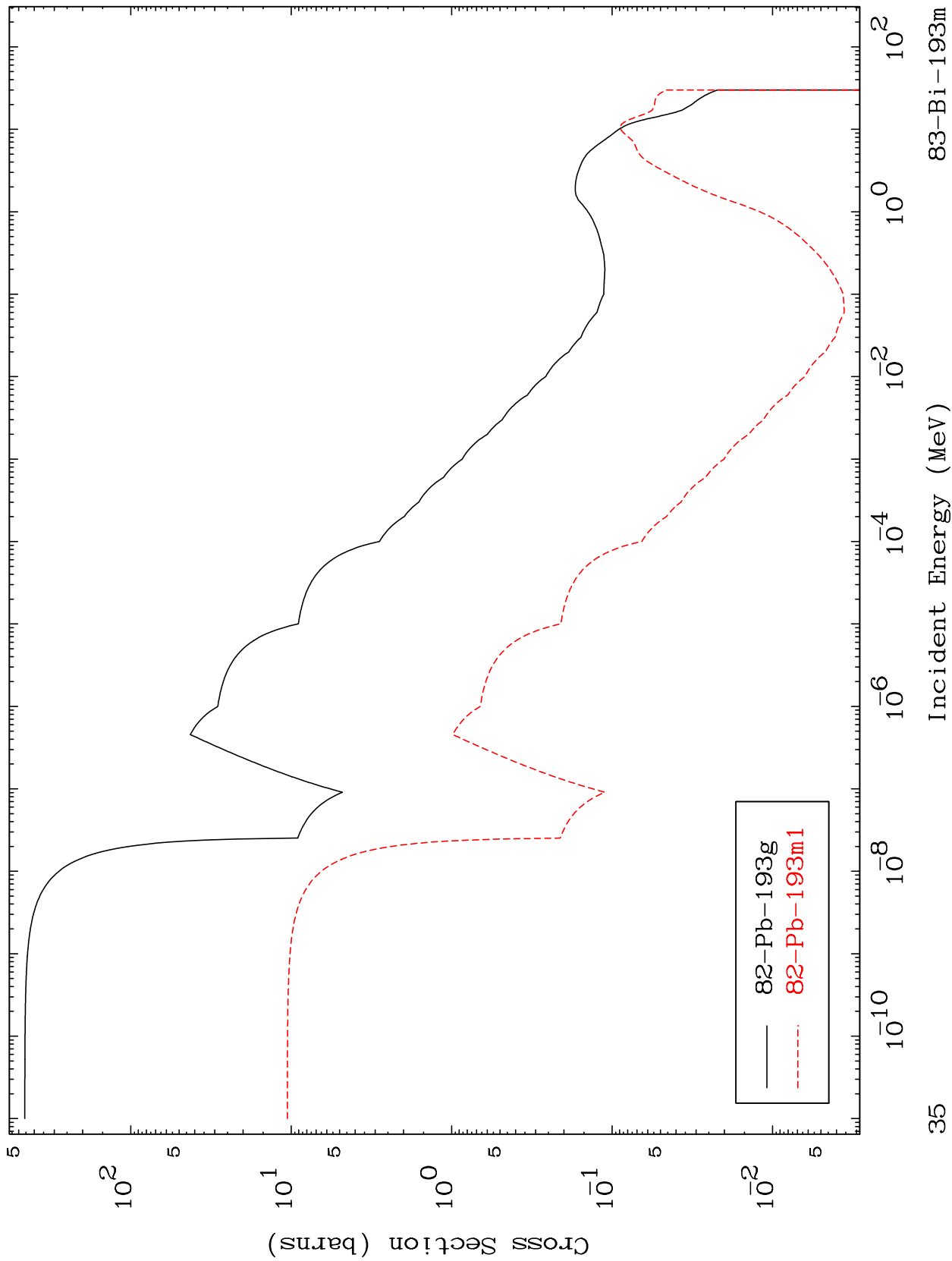
Radionuclide Production Cross Section



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<sup>83</sup>Bi-193m

(n,p)  
Radionuclide Production Cross Section



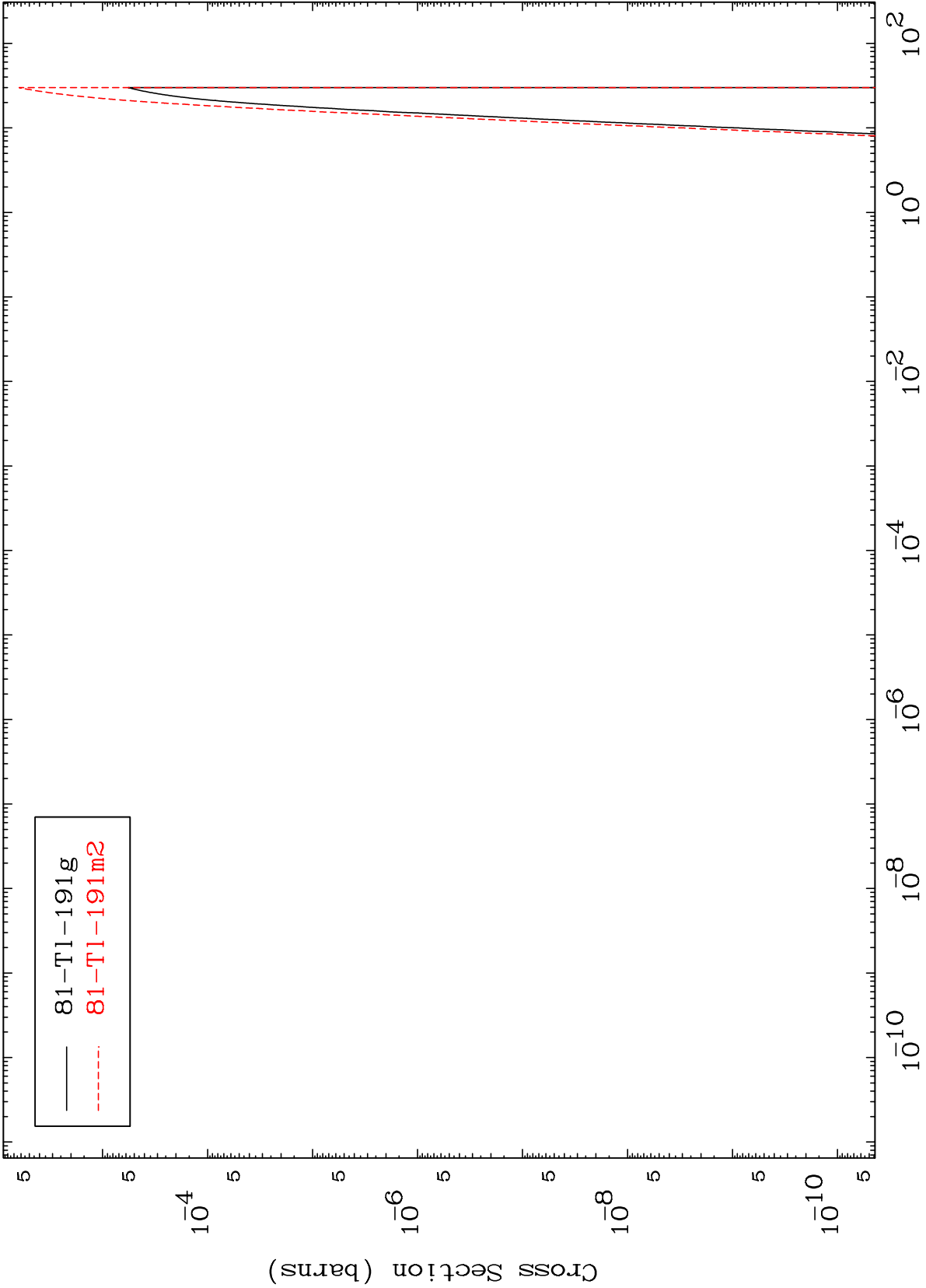


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(n,He-3)

83-Bi-193m

Radionuclide Production Cross Section

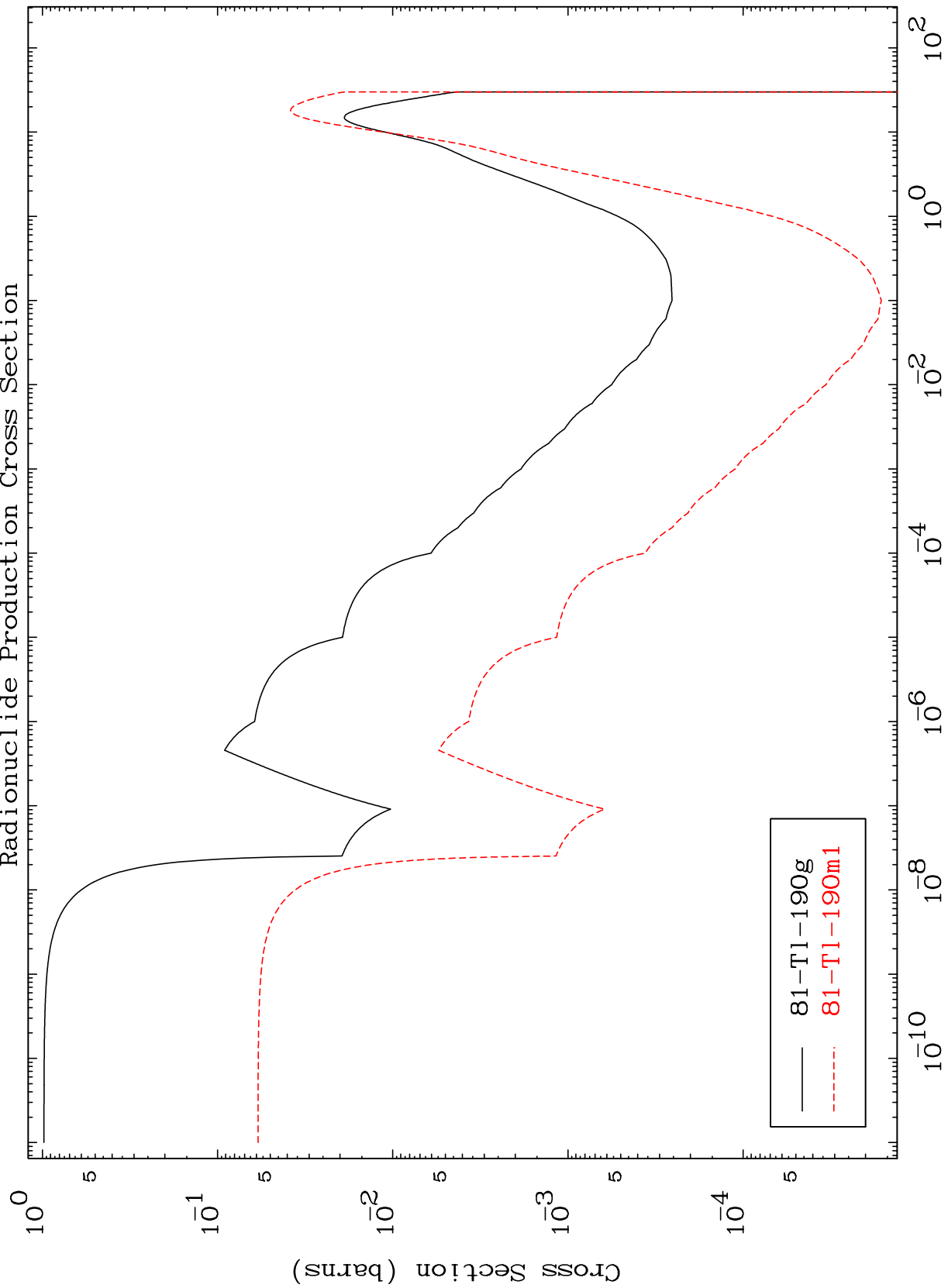


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83-Bi-193m

Radionuclide Production Cross Section

(n,  $\alpha$ )



38

83-Bi-193m

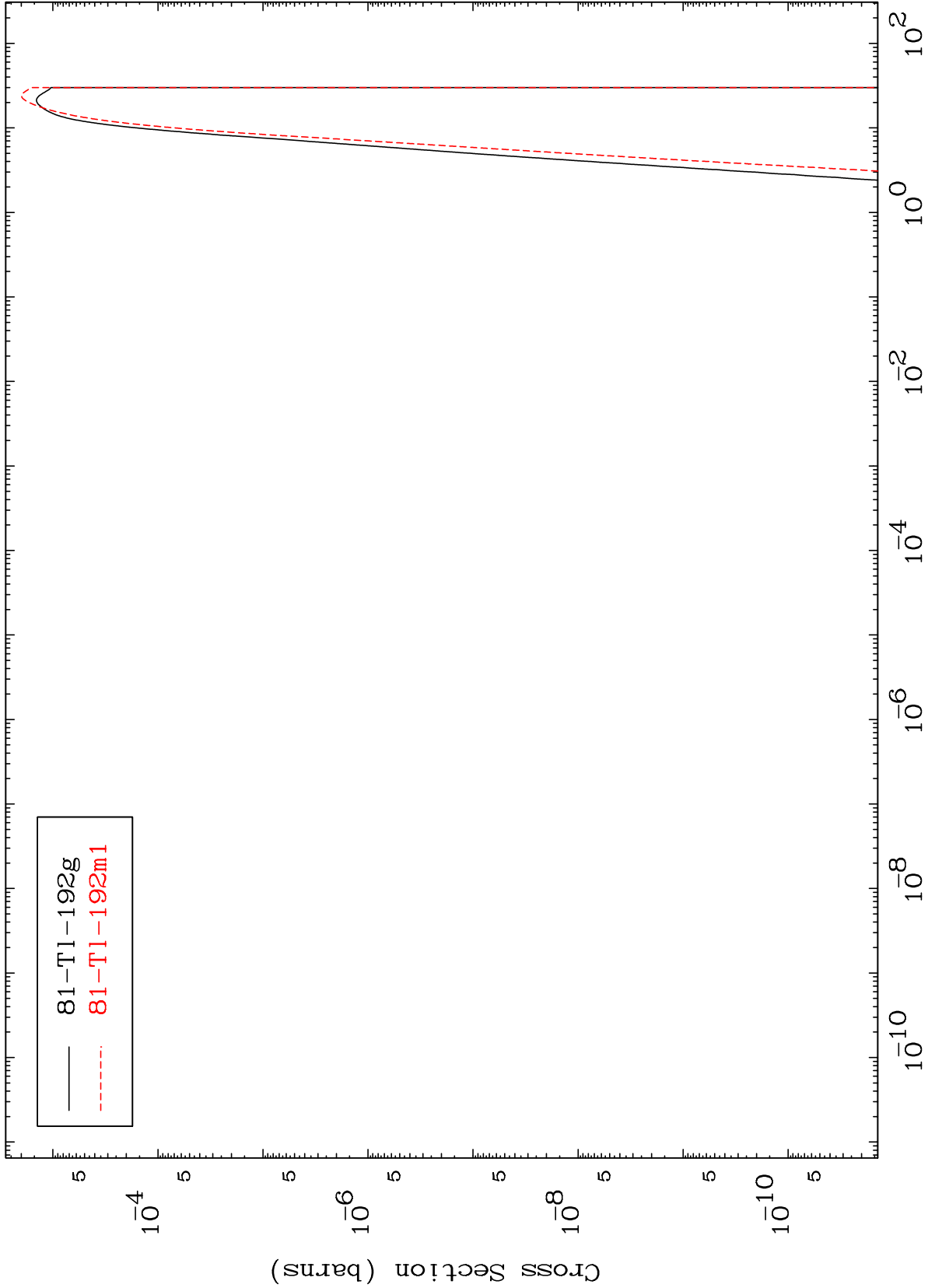
Incident Energy (MeV)

MAT 8278

(n,2p)

83-Bi-193m

Radionuclide Production Cross Section

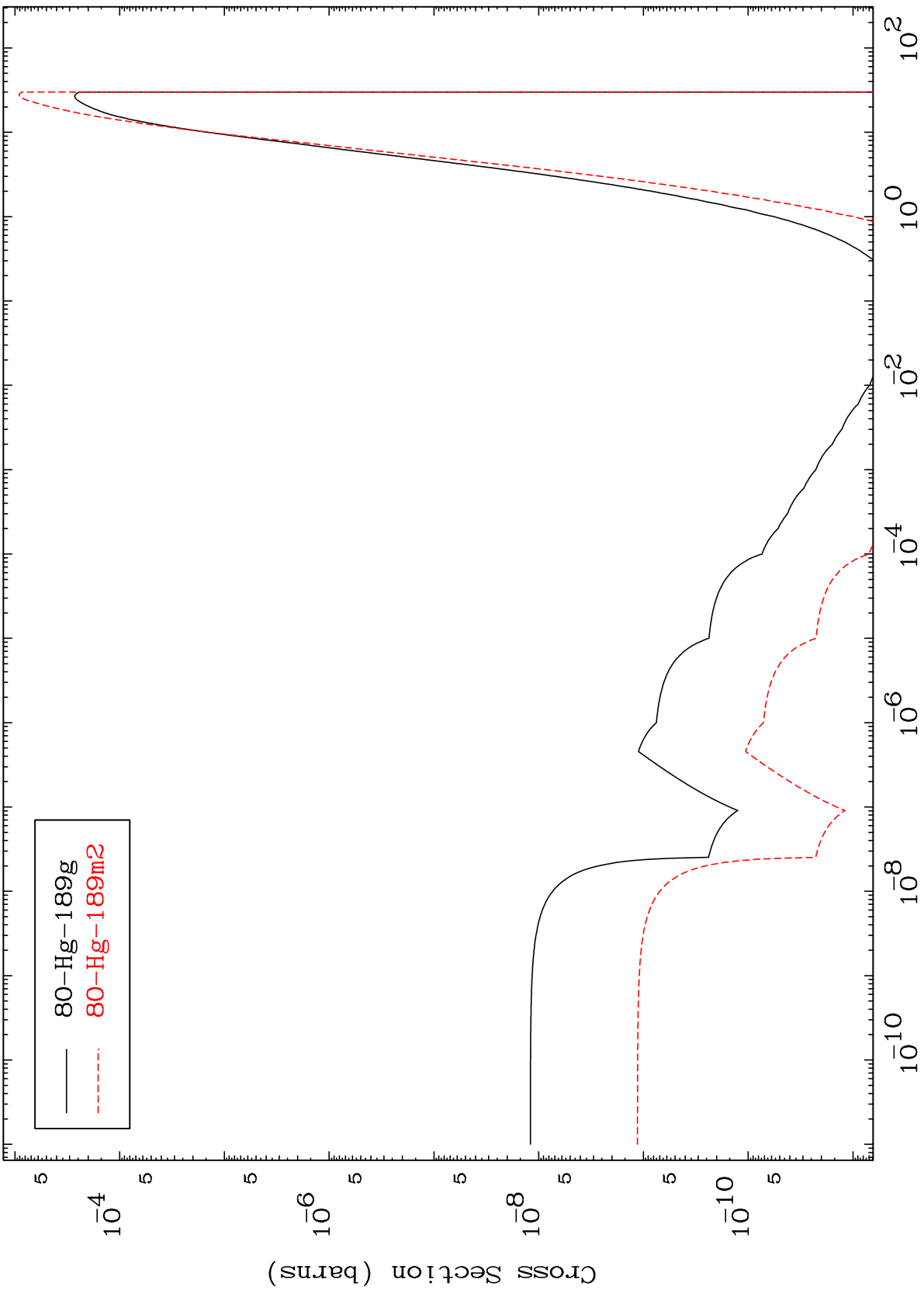
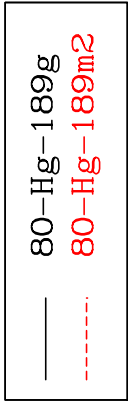


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(n,p)  $\alpha$

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

Radionuclide Production Cross Section



40

Incident Energy (MeV)

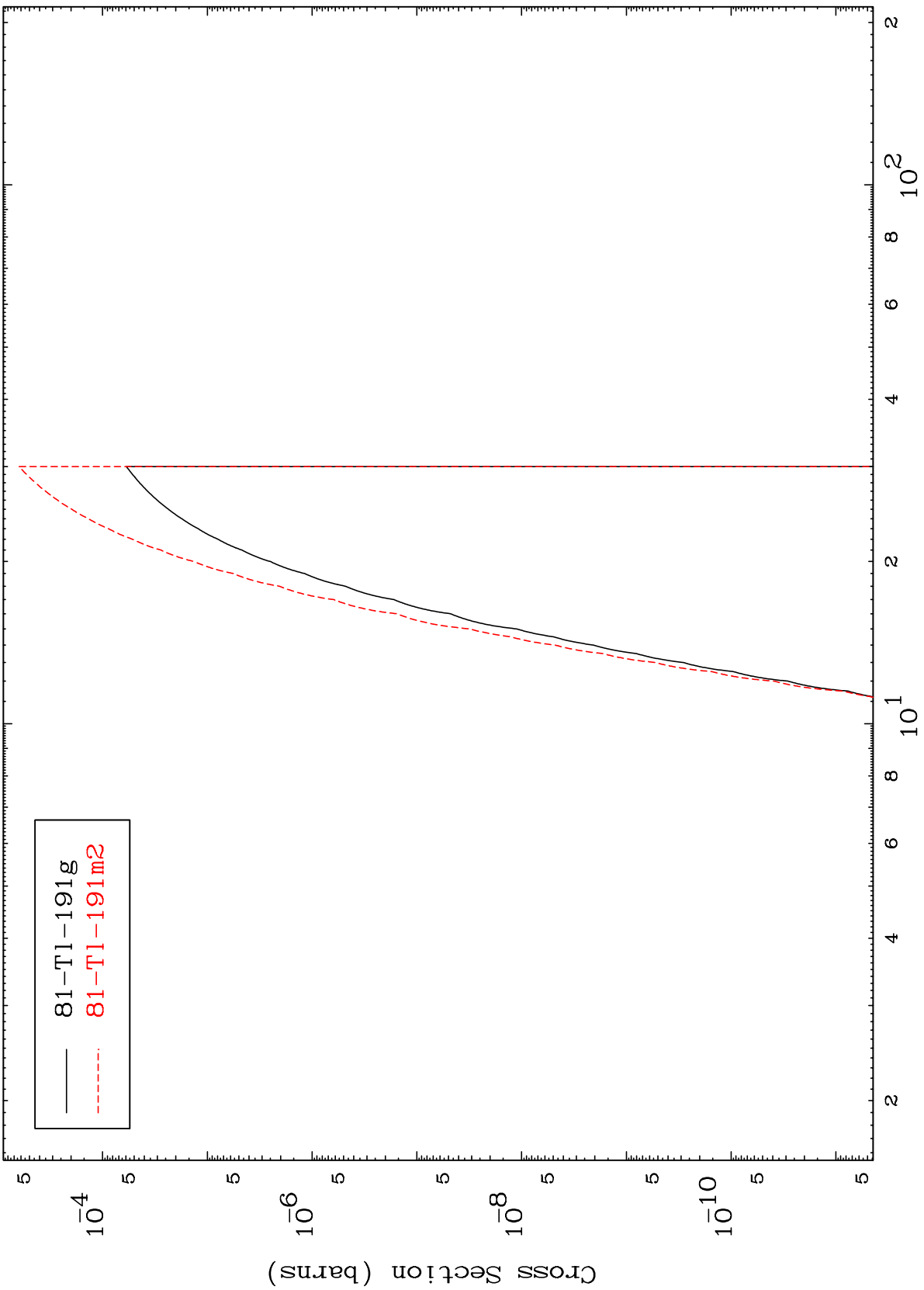
$^{83}\text{Bi}-193\text{m}$

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(n,p) d

83-Bi-193m

Radionuclide Production Cross Section



41

Incident Energy (MeV)

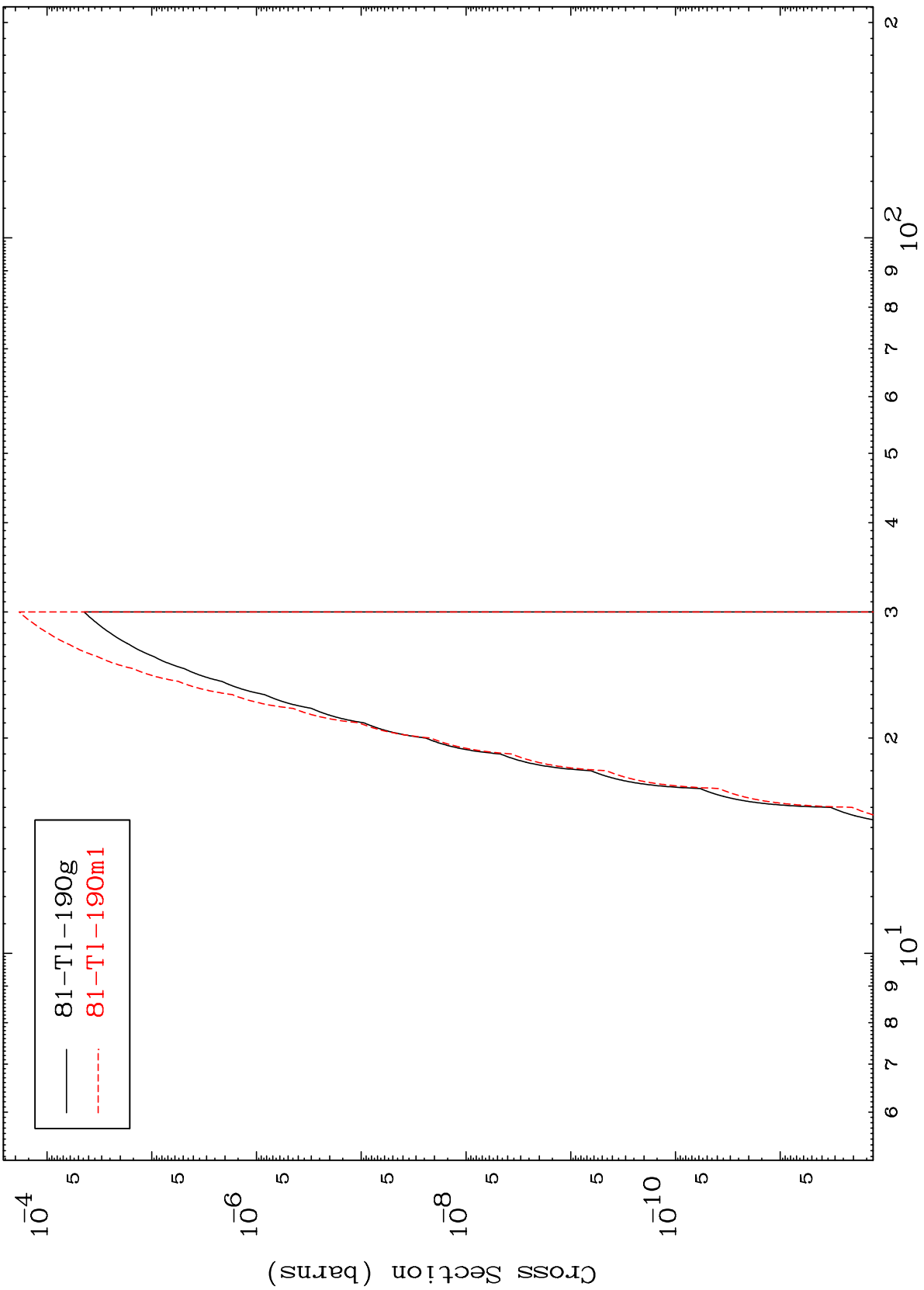
83-Bi-193m

MAT 8278

(n,p) t

83-Bi-193m

Radionuclide Production Cross Section



81-Tl-190g  
81-Tl-190m1

42

Incident Energy (MeV)

83-Bi-193m