

Program EVALPLOT  
(Version 2021-1)

by

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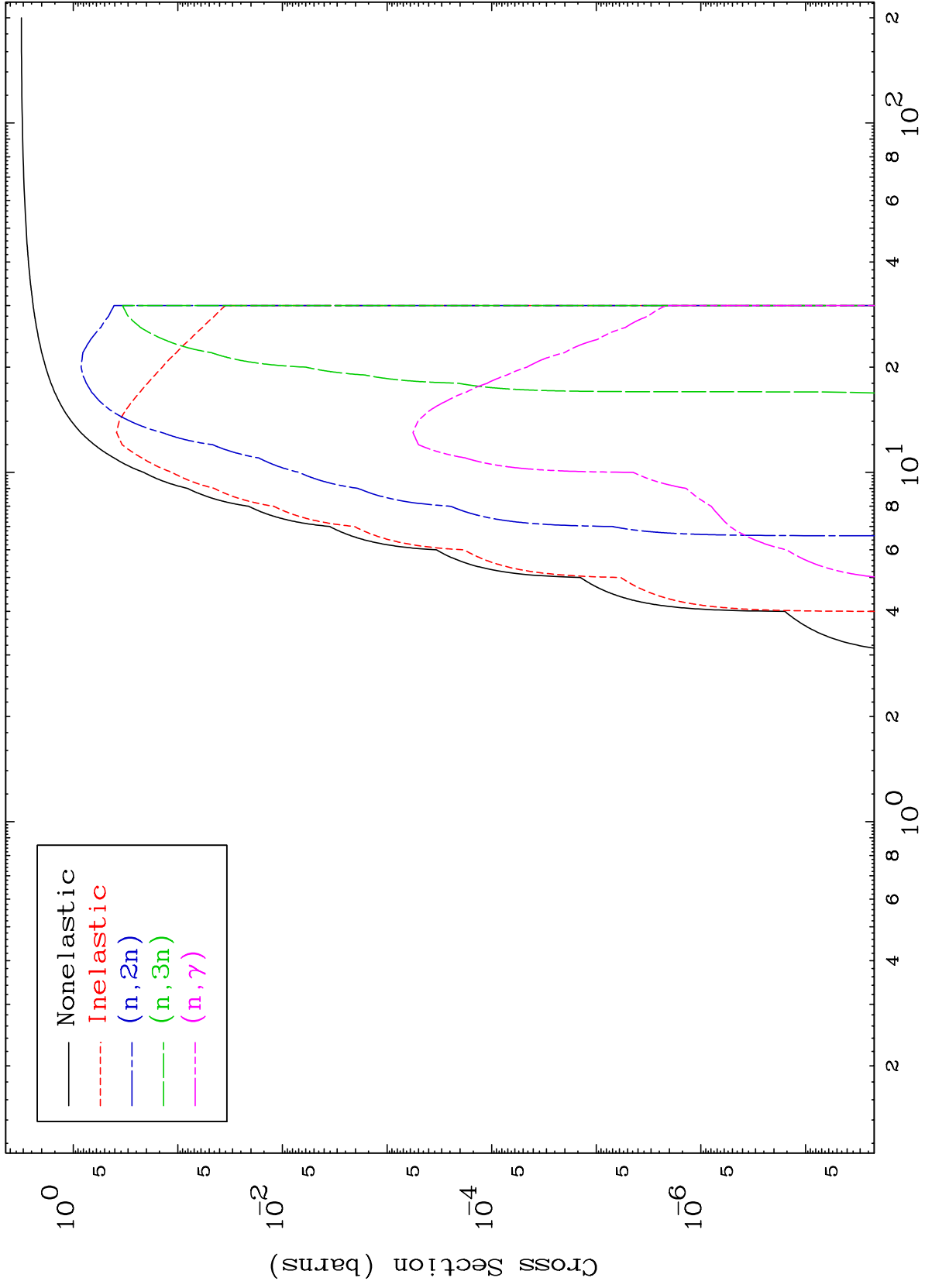
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8293

Deuteron Major  
0 Kelvin Cross Sections

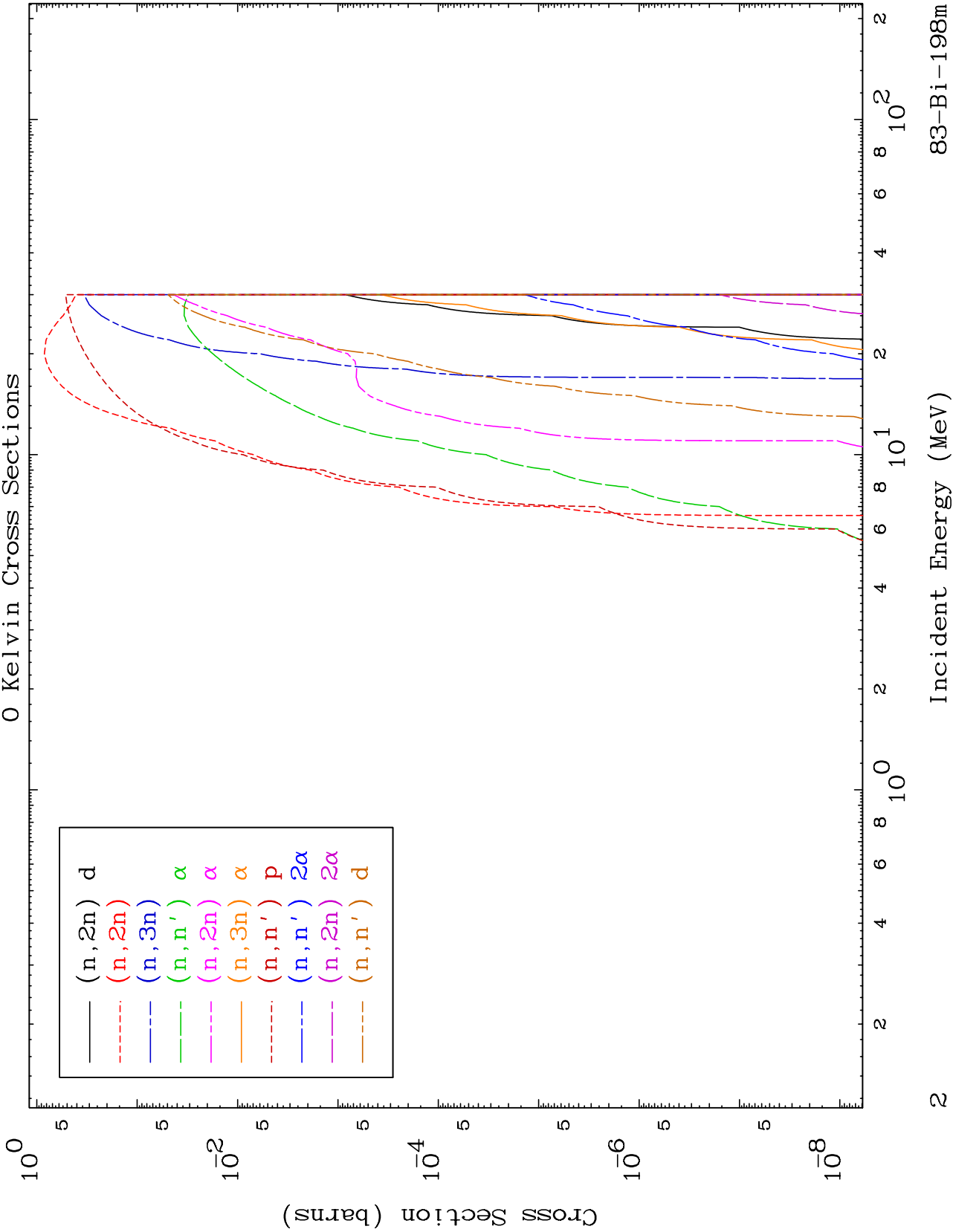
83-Bi-198m

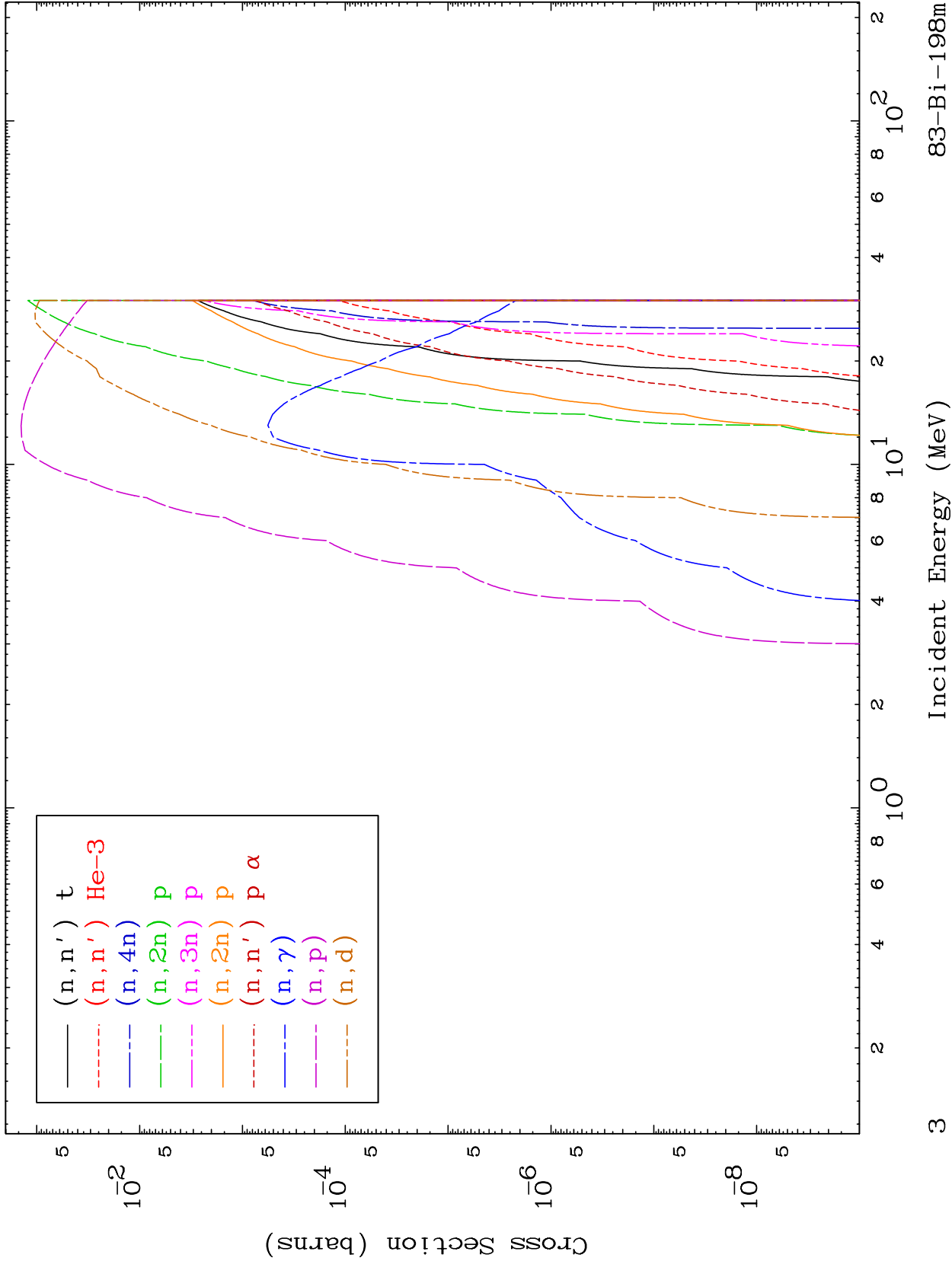


MAT 8293

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

83-Bi-198m

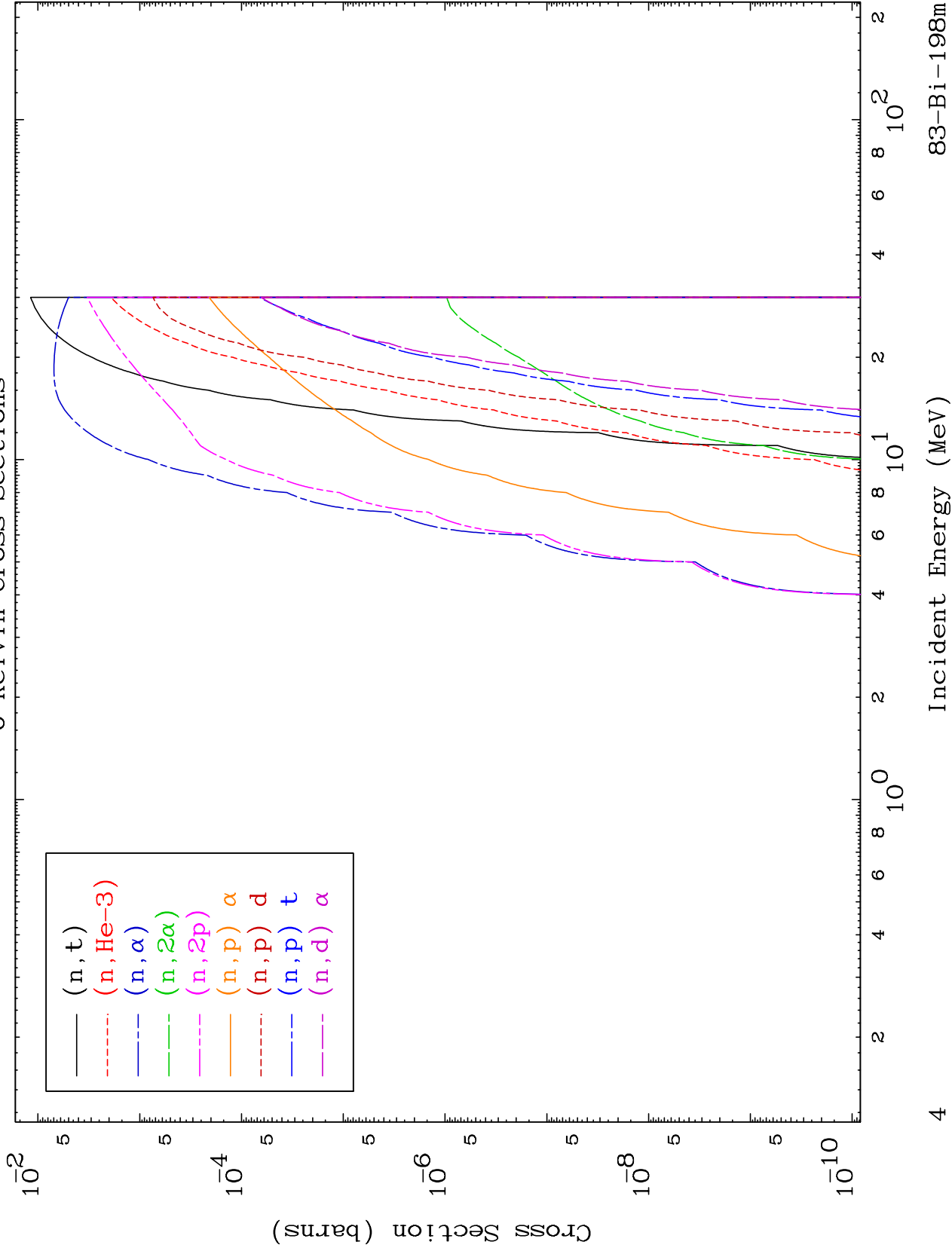




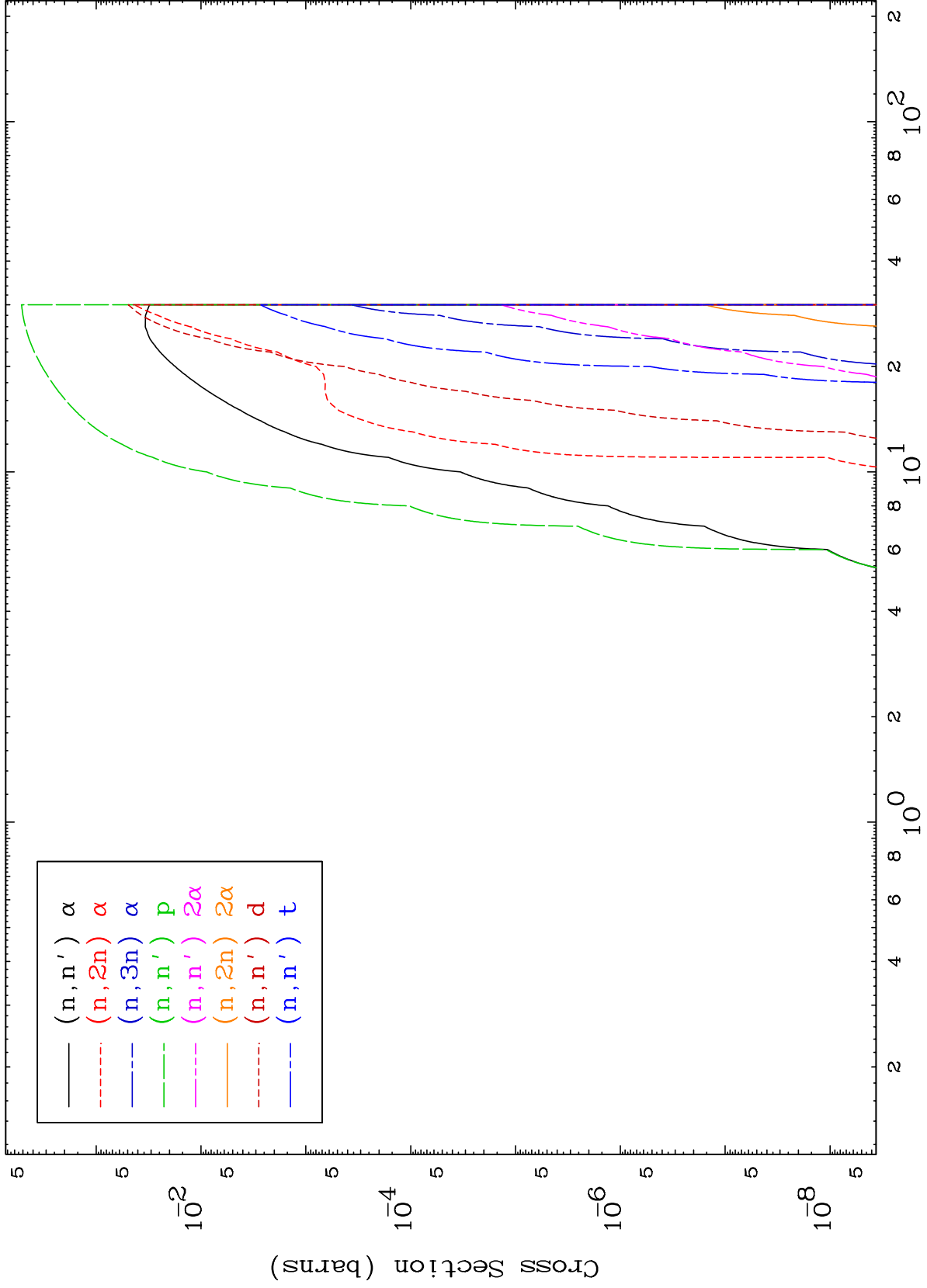
MAT 8293

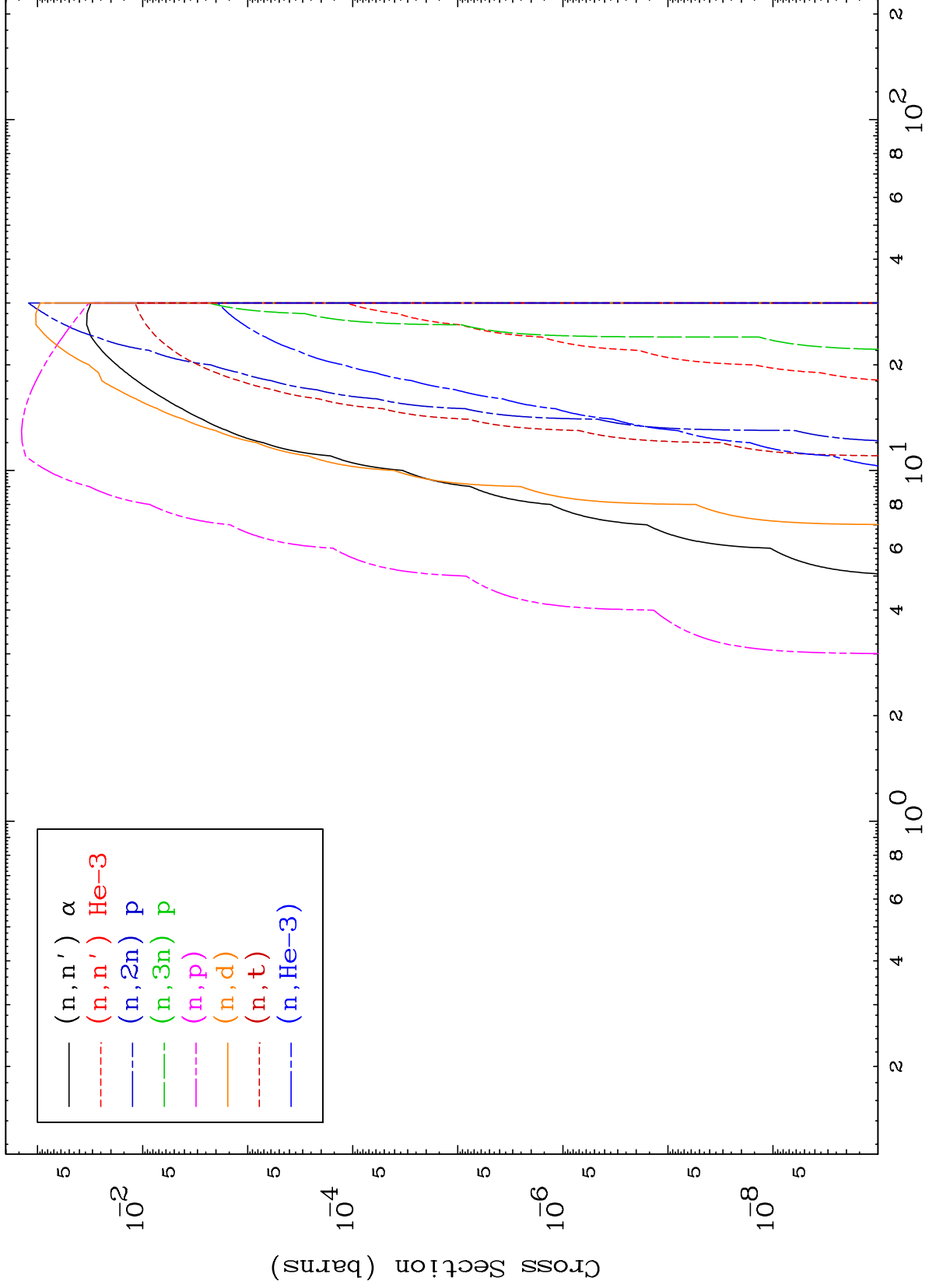
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

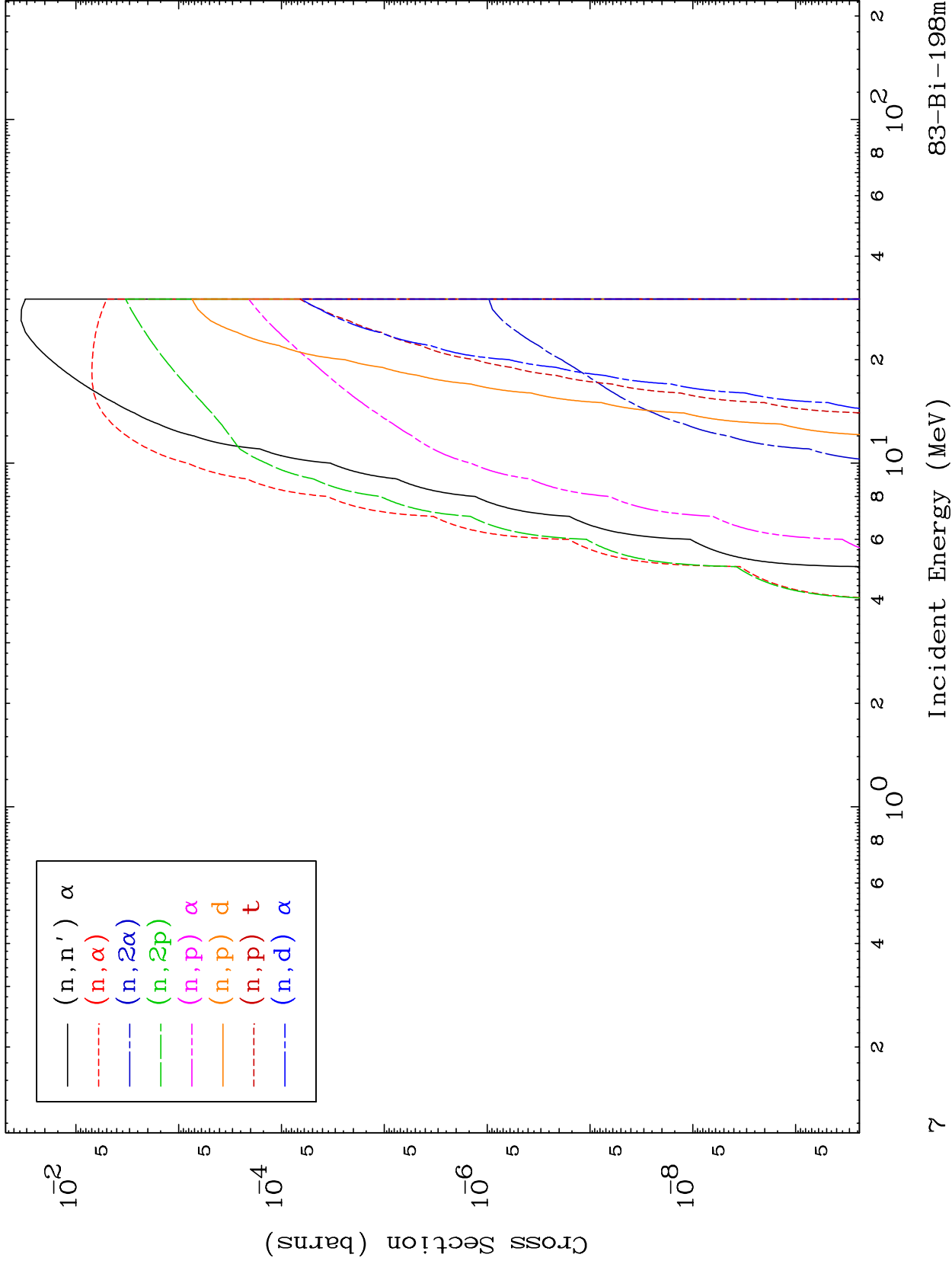
83-Bi-198m



83-Bi-198m





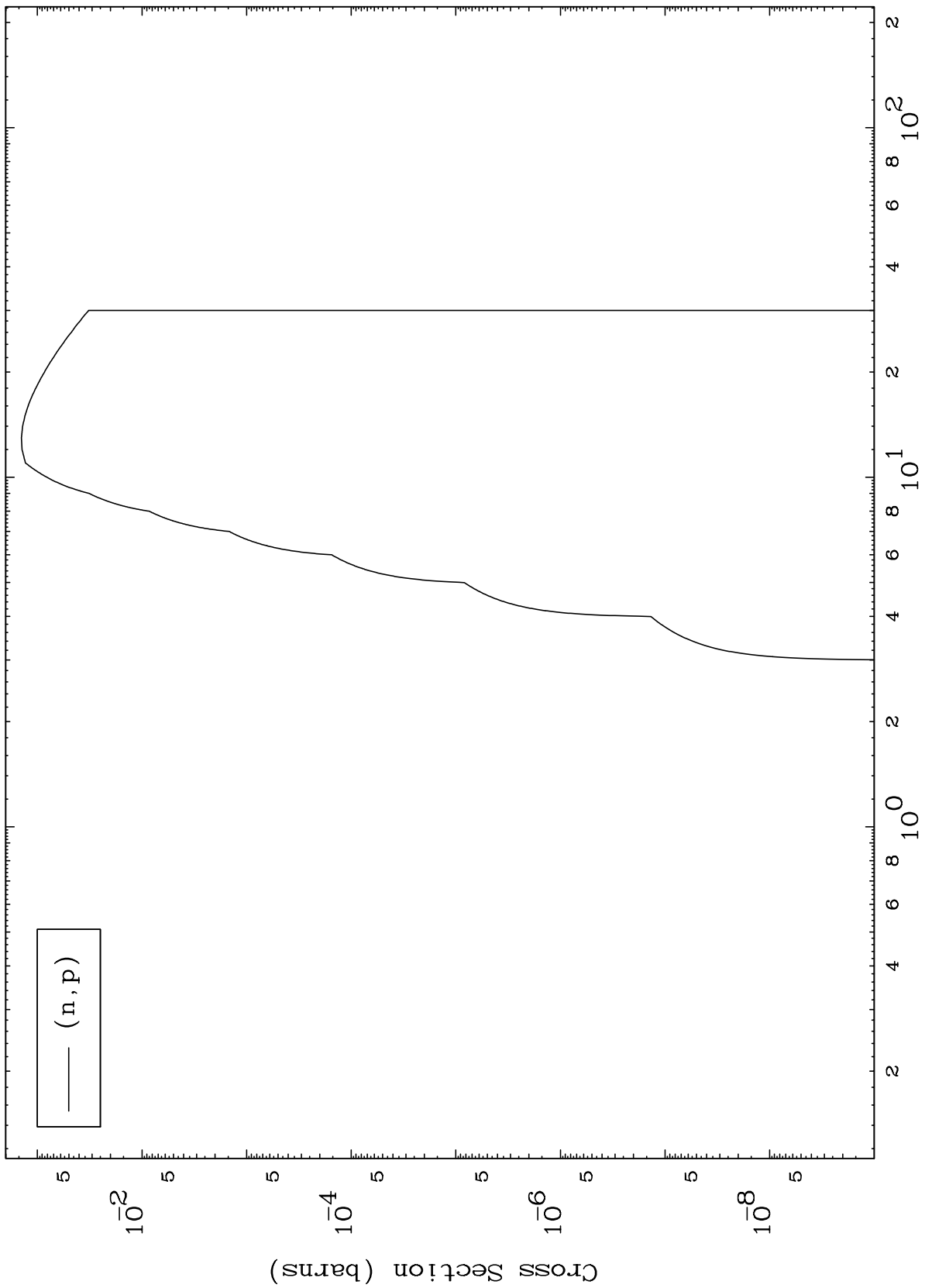


MAT 8293

(d,p) Levels

83-Bi-198m

0 Kelvin Cross Sections



(n,p)

Incident Energy (MeV)

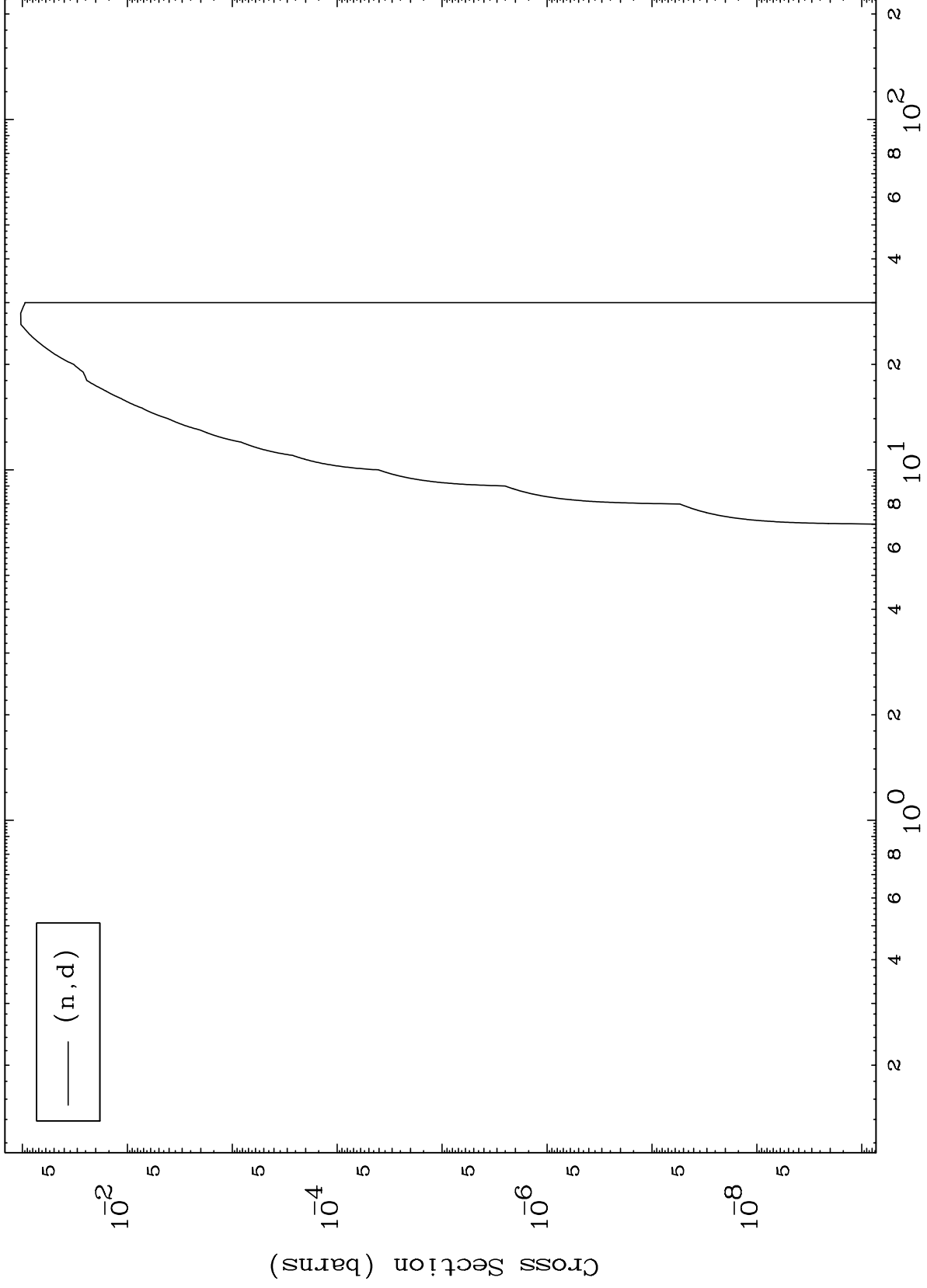
83-Bi-198m

MAT 8293

(d,d) Levels

0 Kelvin Cross Sections

<sup>83</sup>Bi-198m

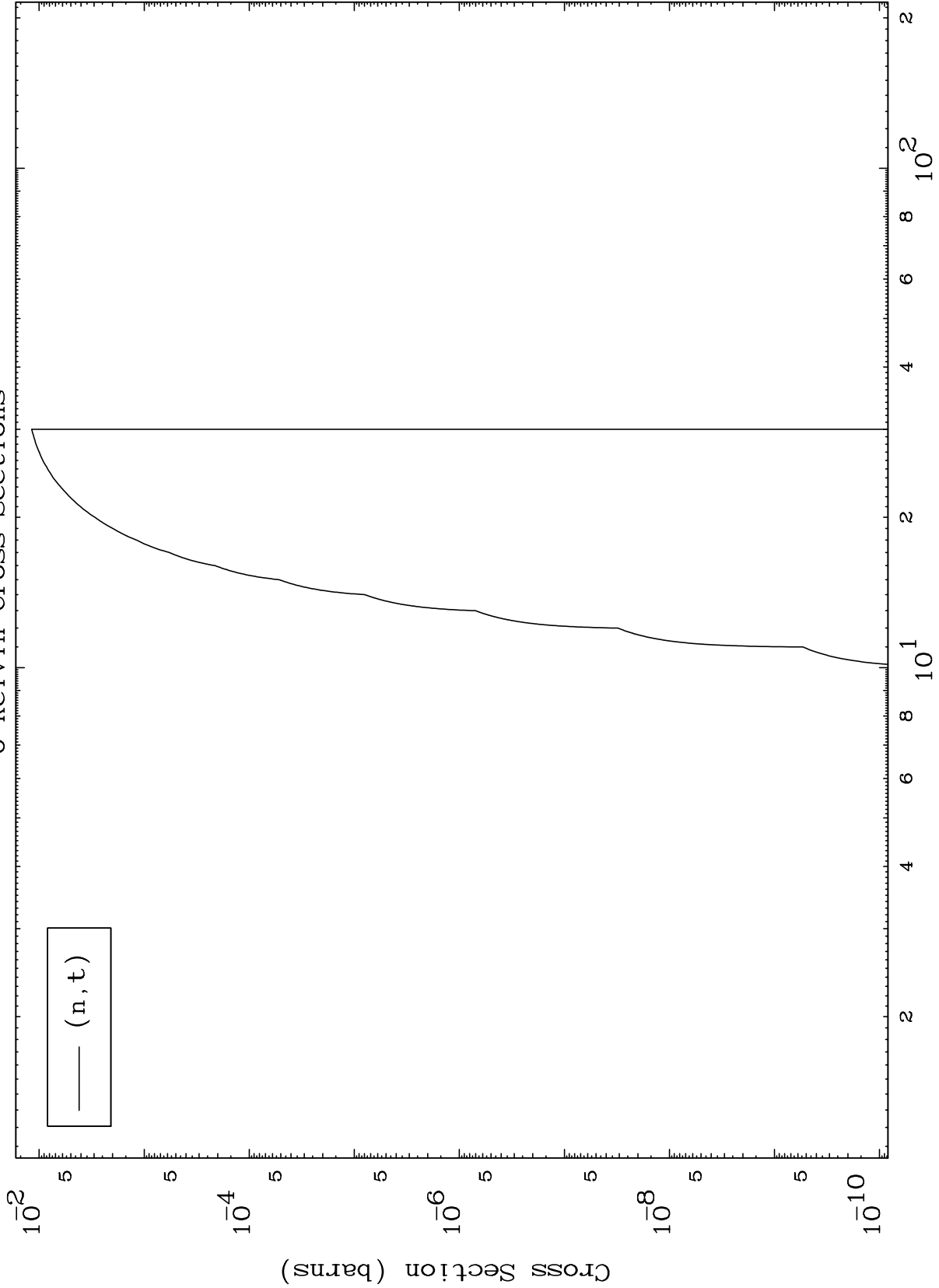


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(d, t) Levels

83-Bi-198m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

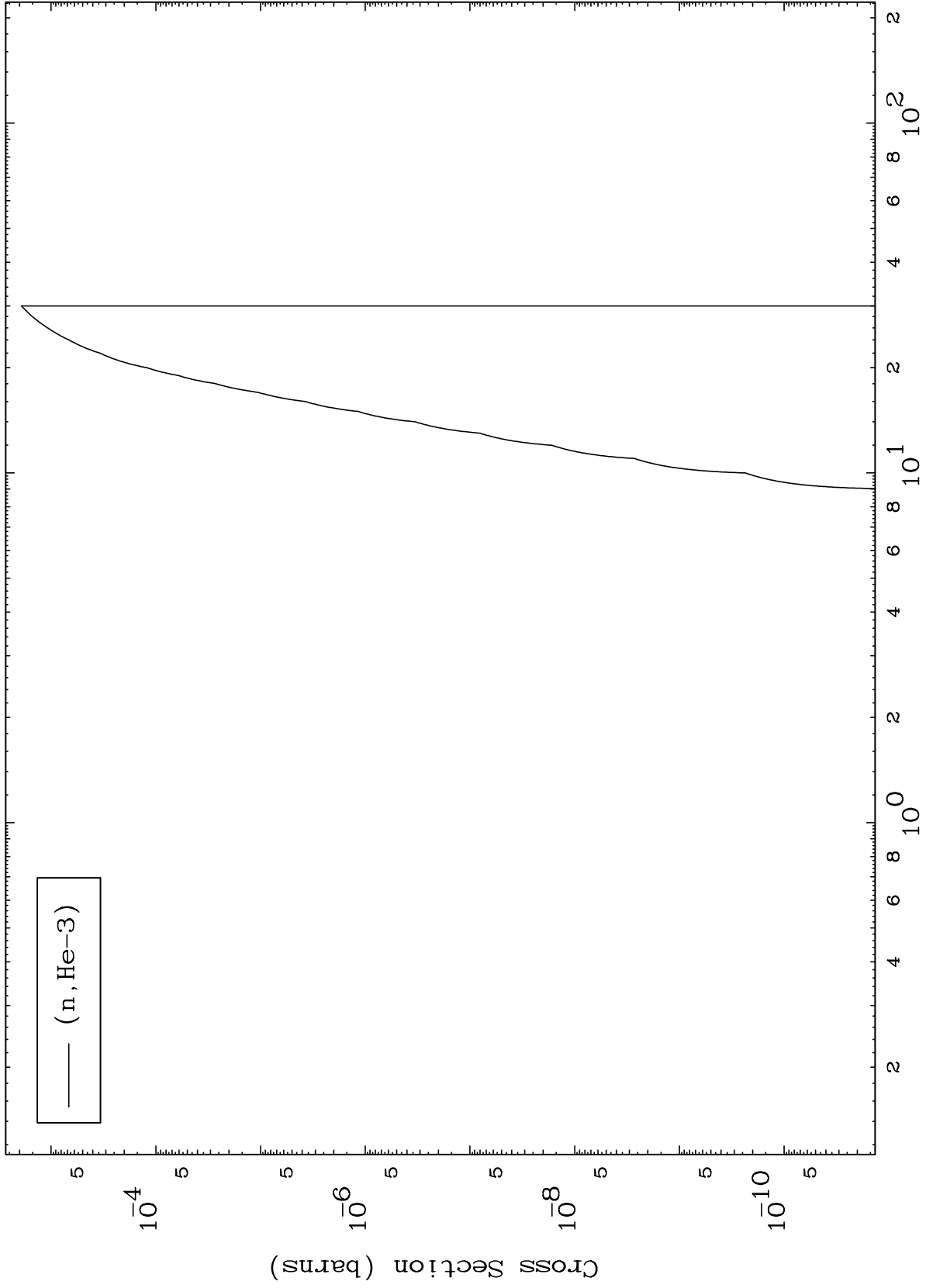
83-Bi-198m

MAT 8293

(d,He3) Levels

83-Bi-198m

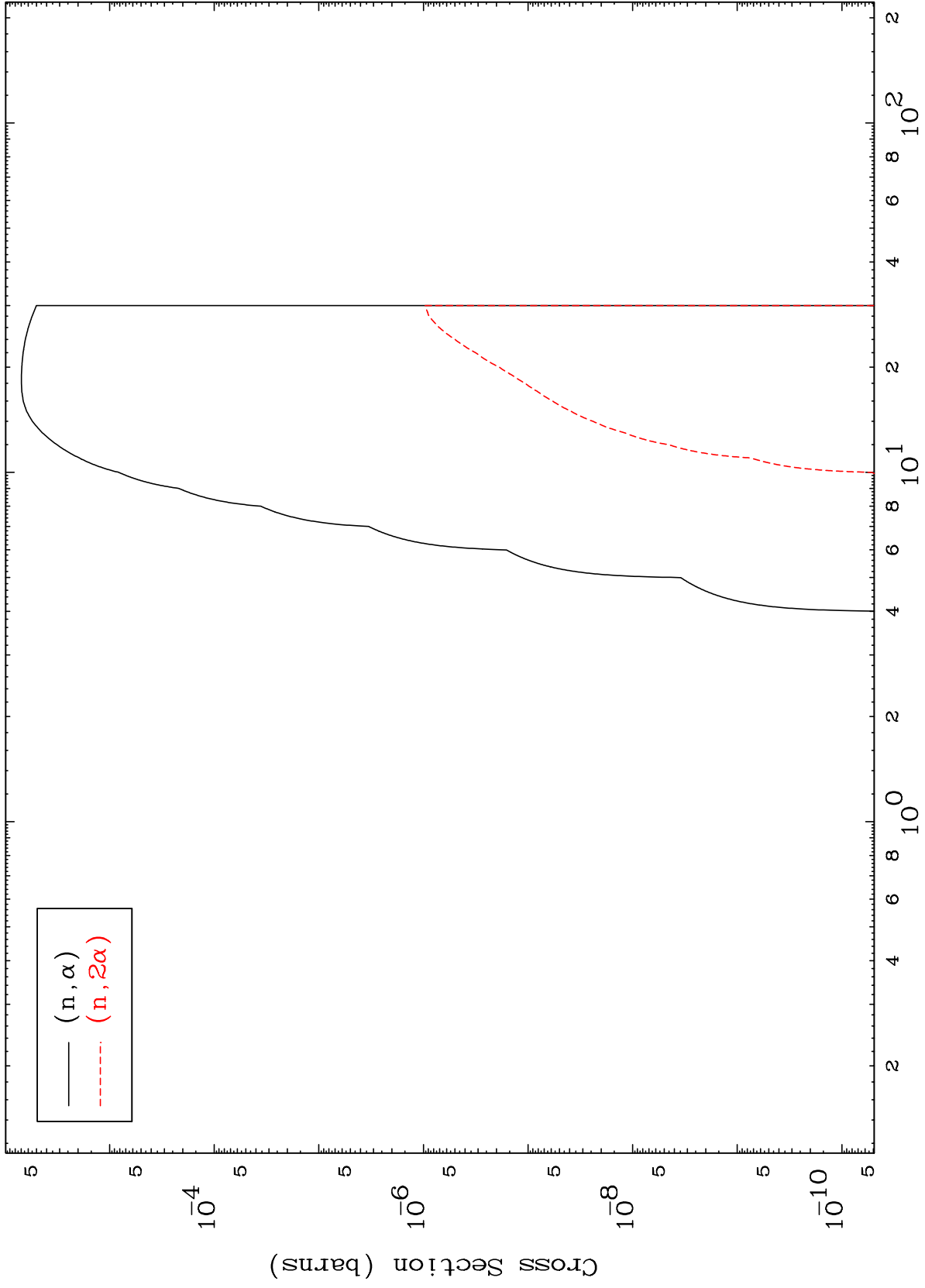
0 Kelvin Cross Sections



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(d,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

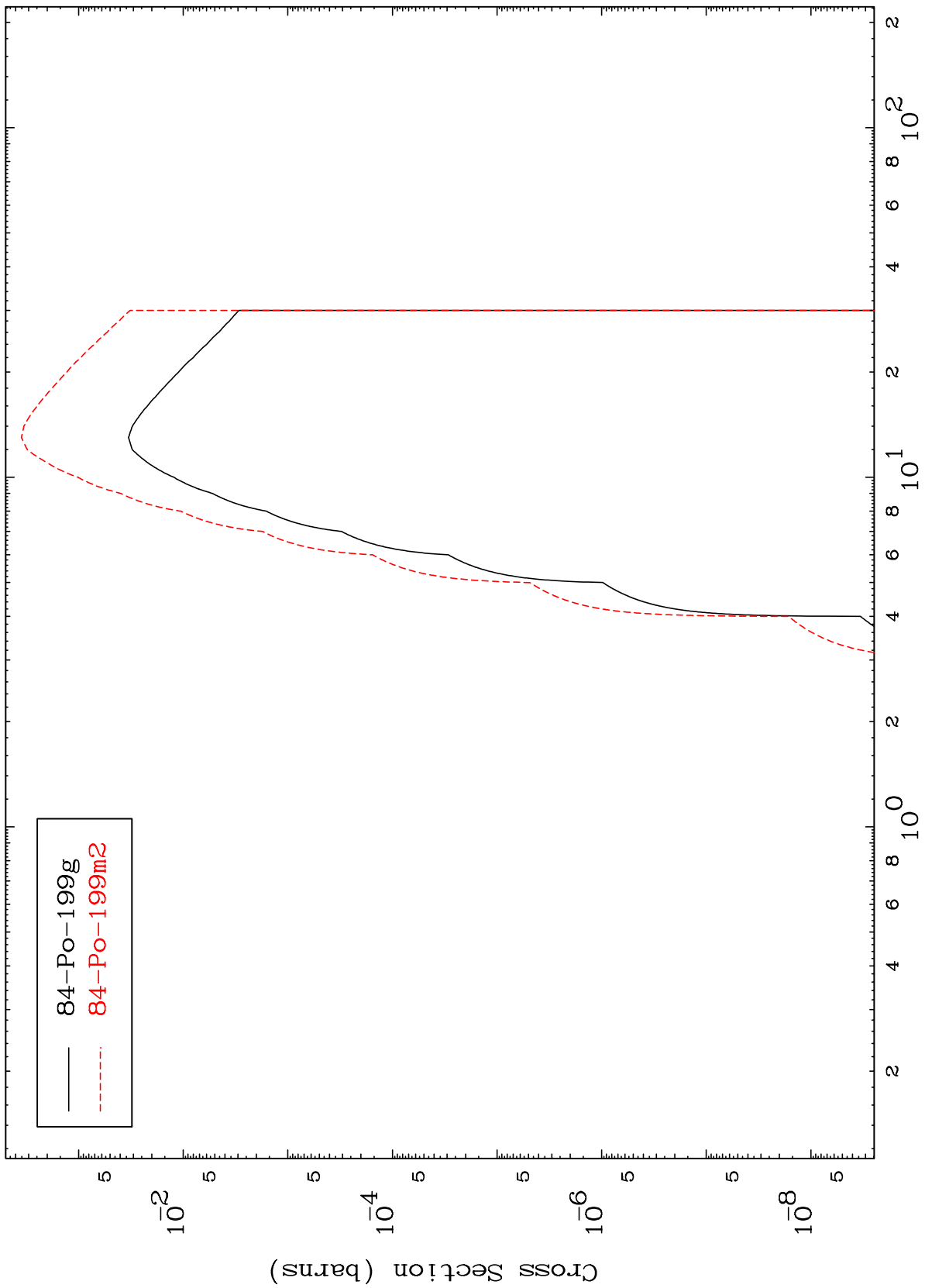
83-Bi-198m



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83-Bi-198m

Inelastic  
Radionuclide Production Cross Section



84-Po-199g  
84-Po-199m2

83-Bi-198m

Incident Energy (MeV)

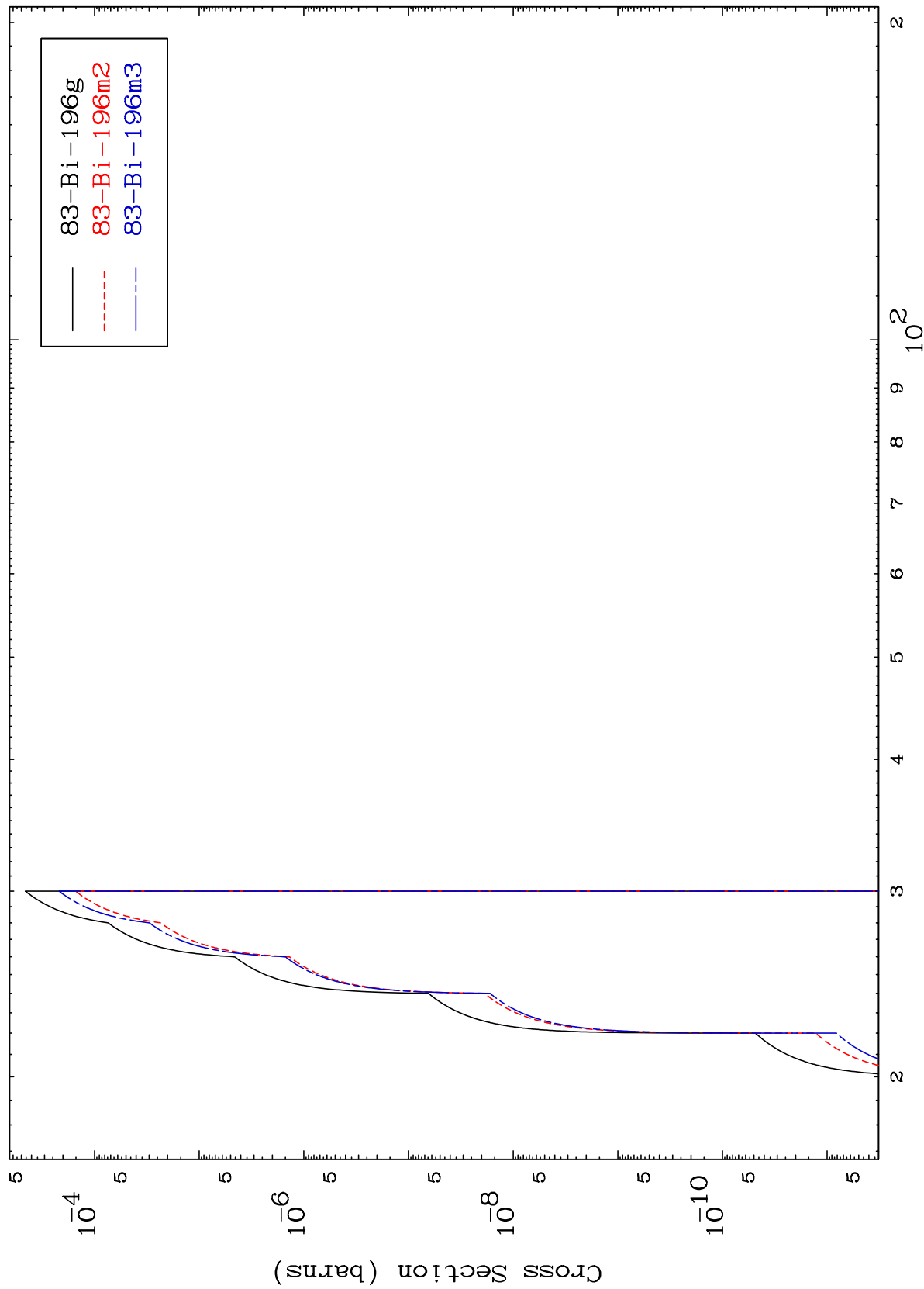
13

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(n,2n) d

83-Bi-198m

Radionuclide Production Cross Section



14

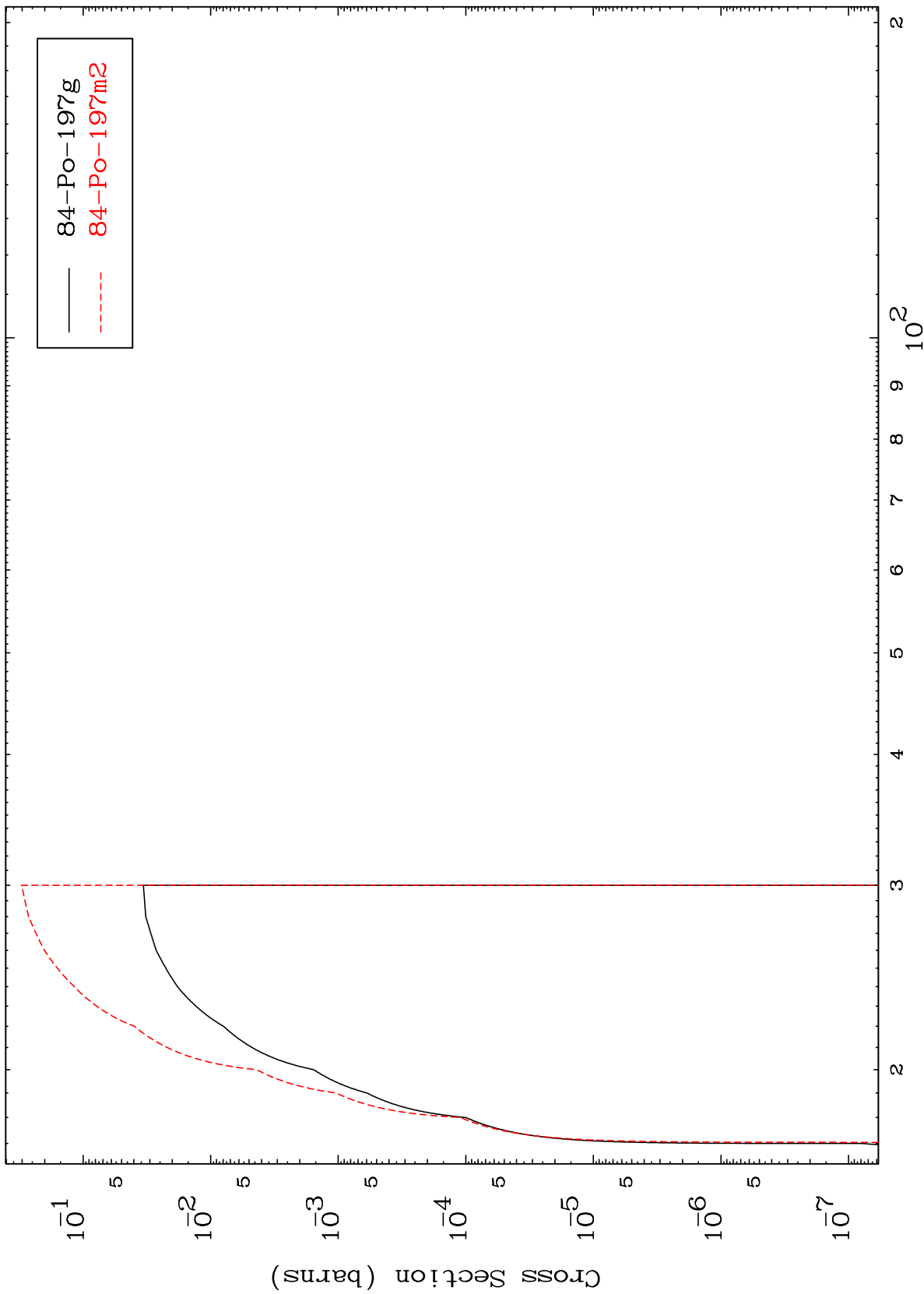
Incident Energy (MeV)

83-Bi-198m

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83-Bi-198m

(n,3n)  
Radionuclide Production Cross Section



15

Incident Energy (MeV)

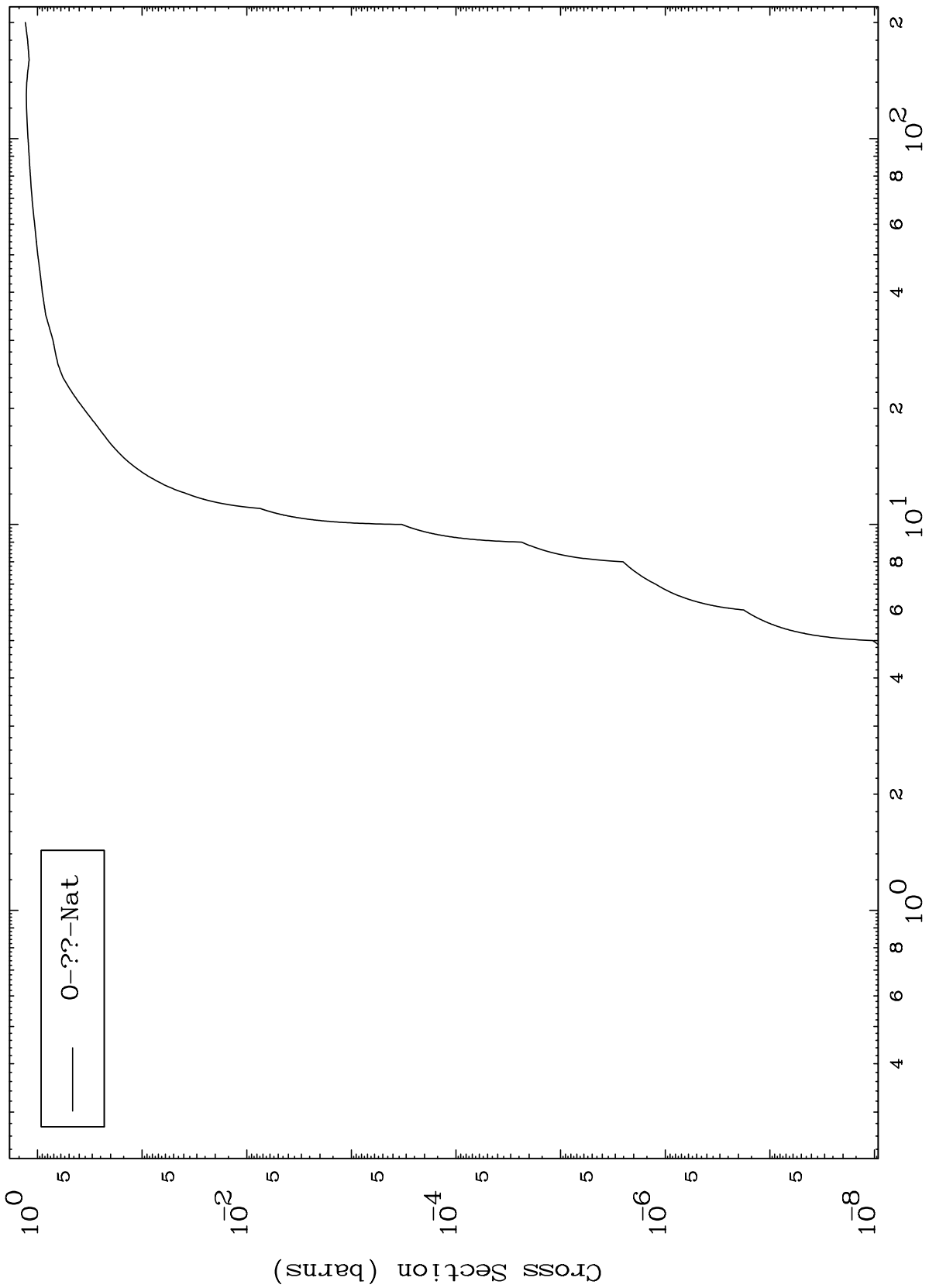
83-Bi-198m

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Fission

<sup>83</sup>Bi-198m

Radionuclide Production Cross Section

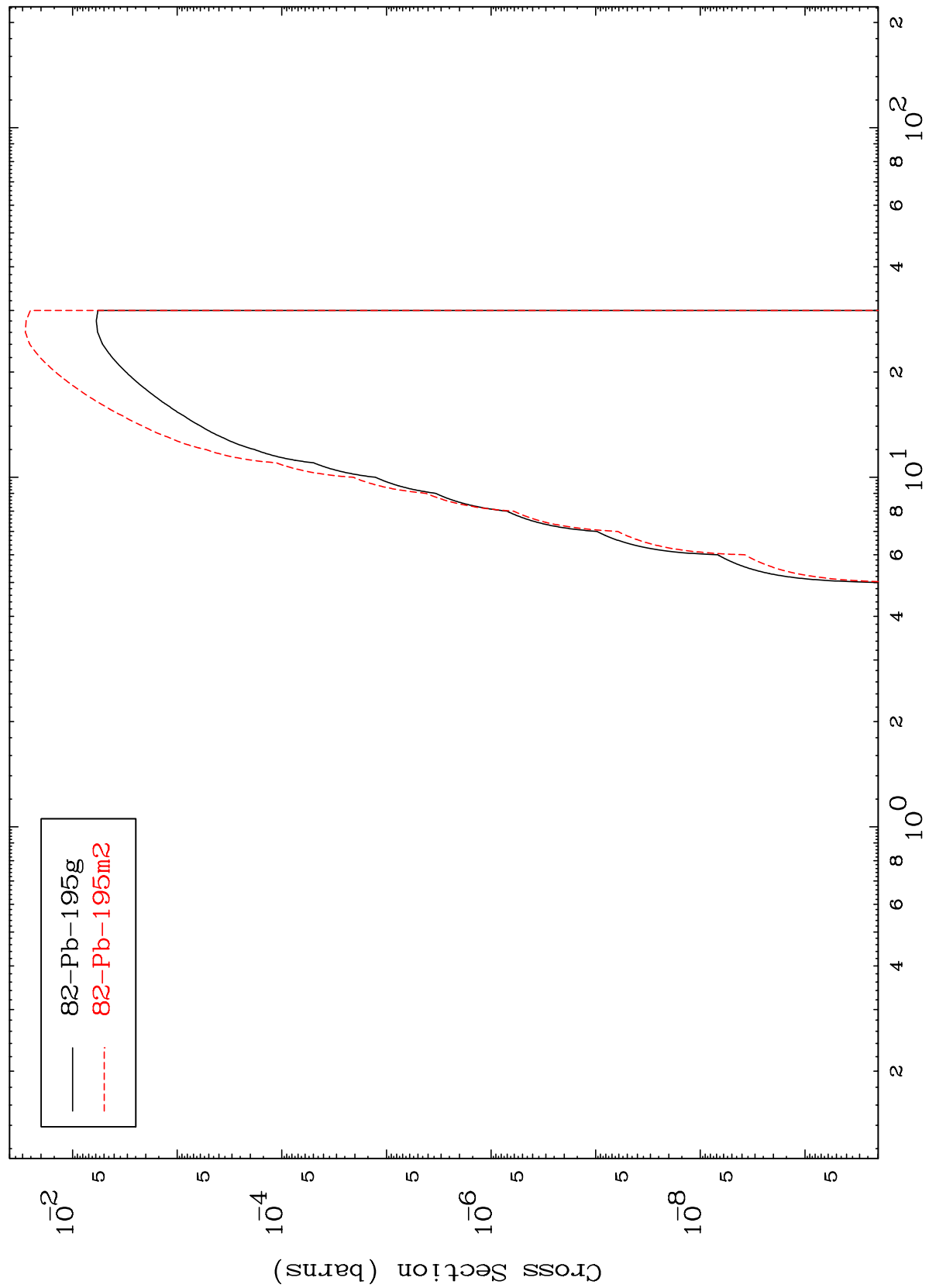


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$(n, n') \alpha$

83-Bi-198m

Radionuclide Production Cross Section

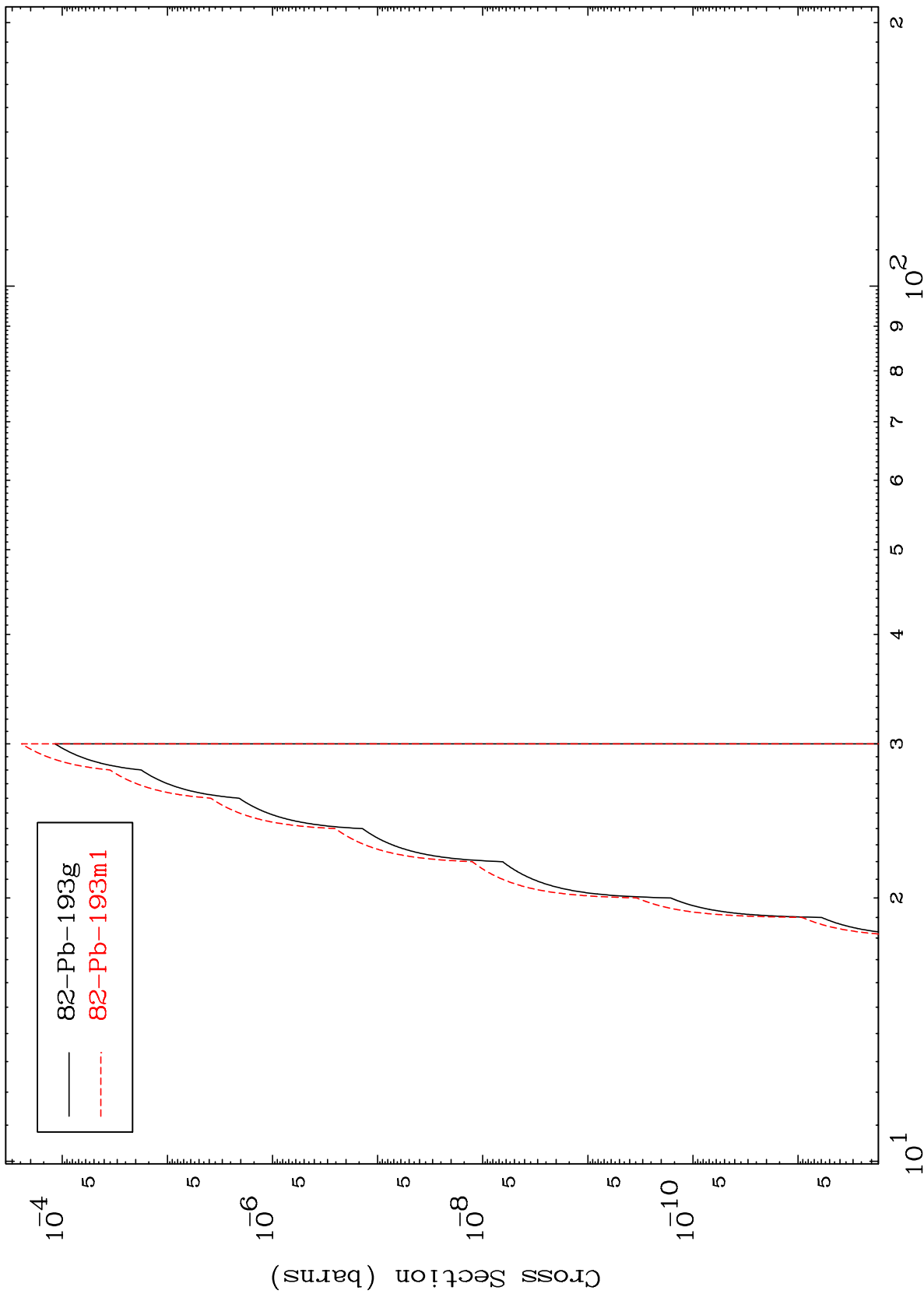


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(n,3n)  $\alpha$

83-Bi-198m

Radionuclide Production Cross Section



Incident Energy (MeV)

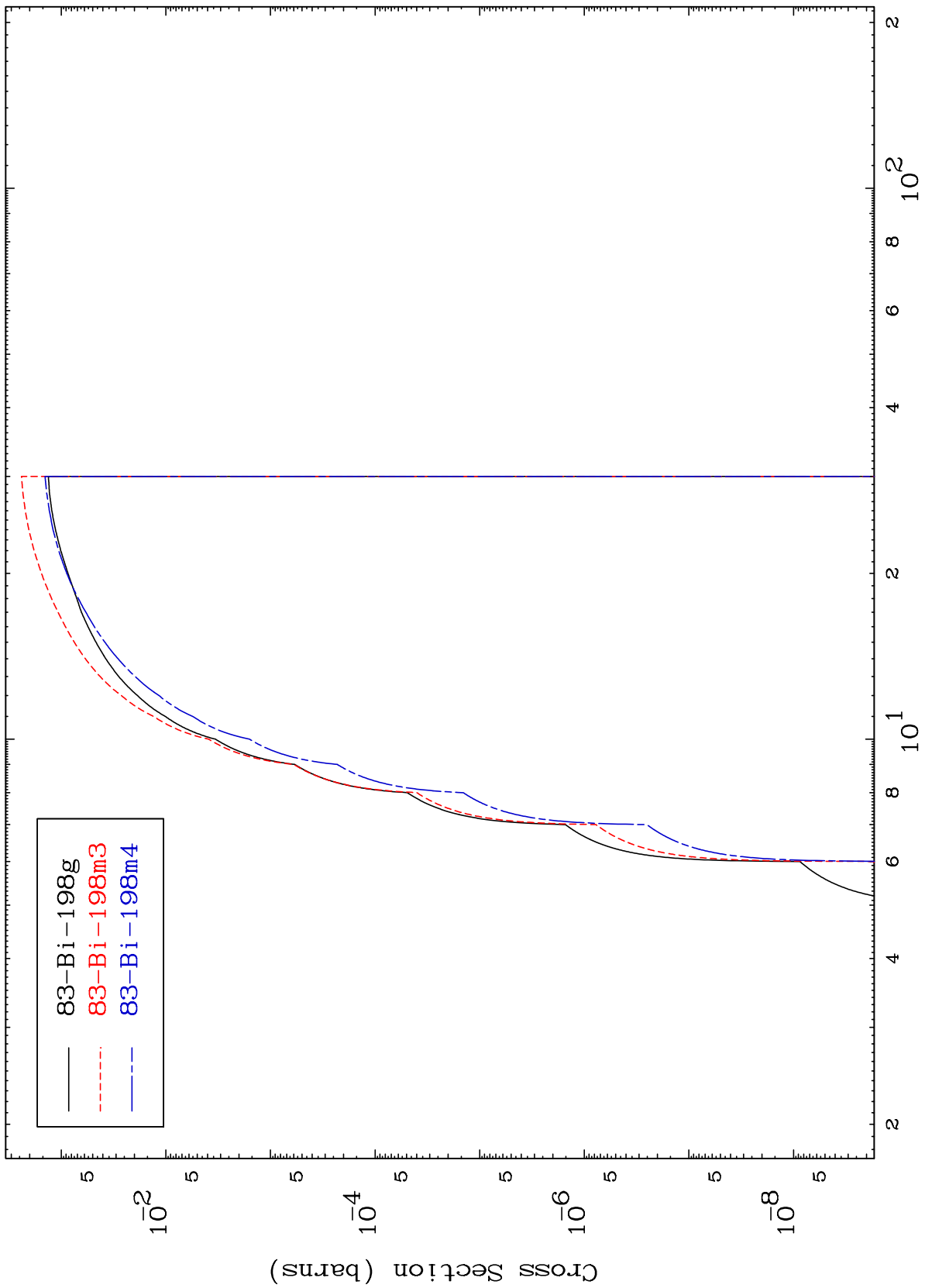
83-Bi-198m

18

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<sup>83</sup>Bi-198m

(n,n') p  
Radionuclide Production Cross Section



19

<sup>83</sup>Bi-198m

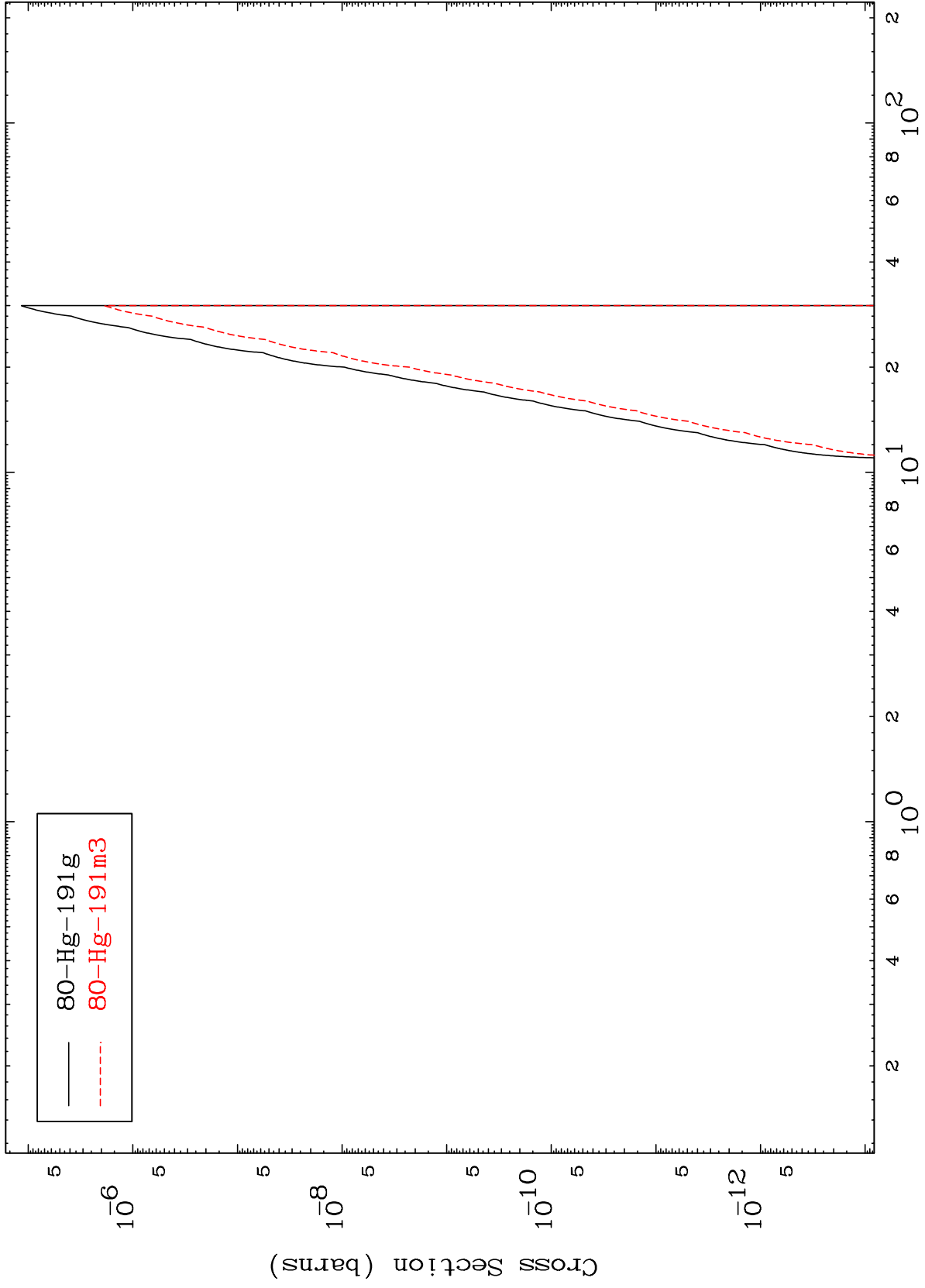
Incident Energy (MeV)

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(n,n') 2 $\alpha$

83-Bi-198m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

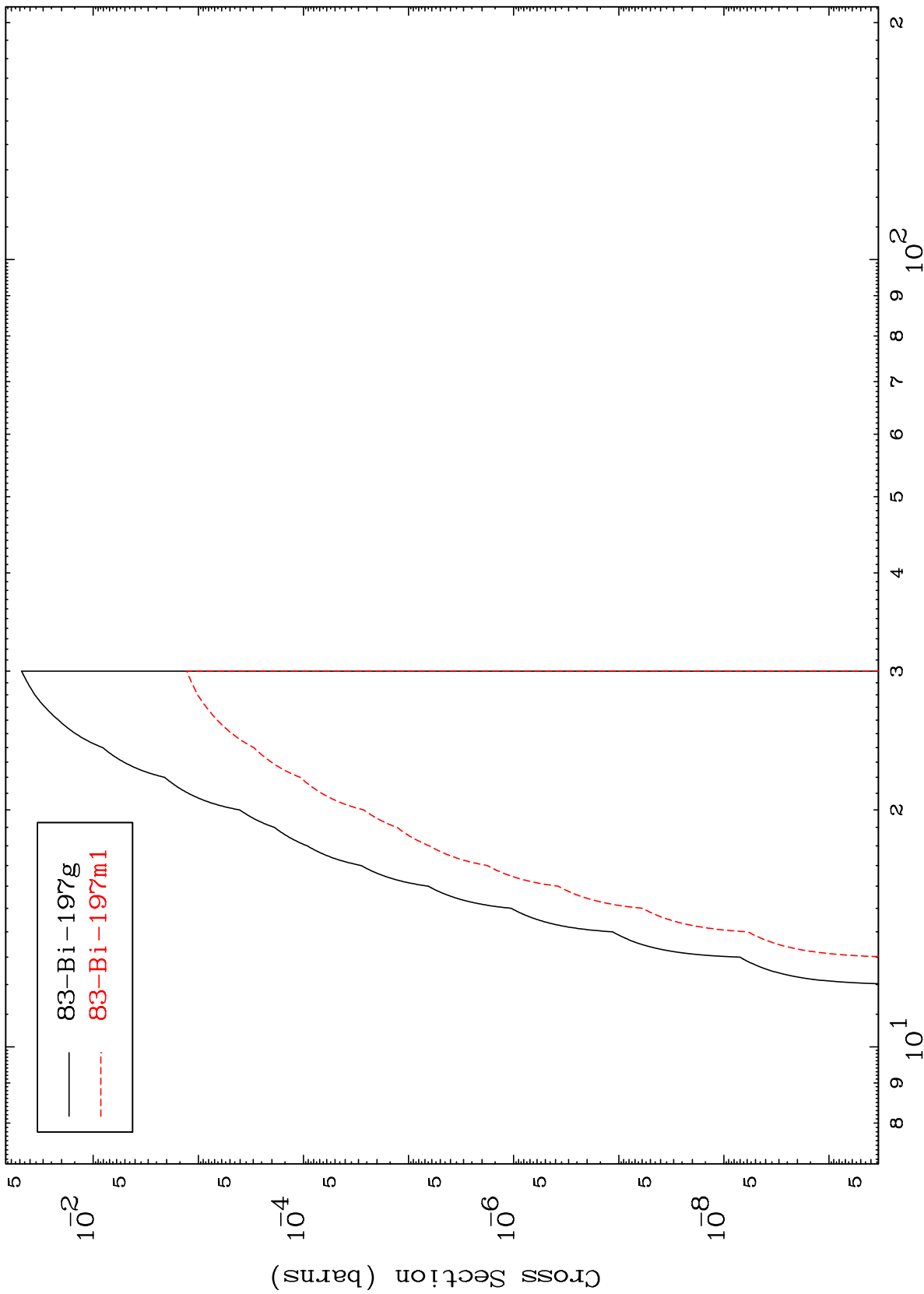
83-Bi-198m

MAT 8293

(n,n') d

83-Bi-198m

Radionuclide Production Cross Section



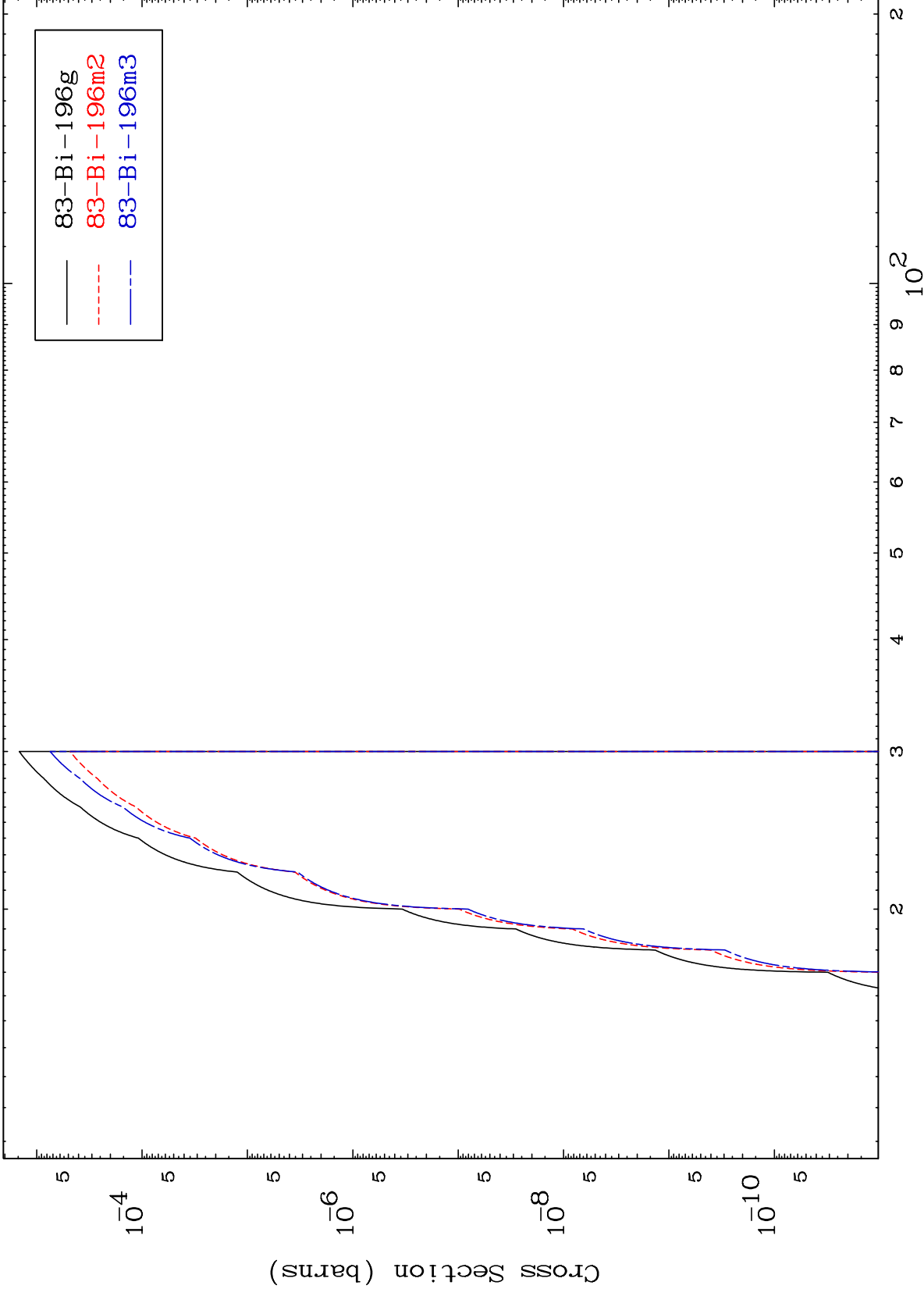
83-Bi-197g  
83-Bi-197m1

MAT 8293

(n,n') t

83-Bi-198m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

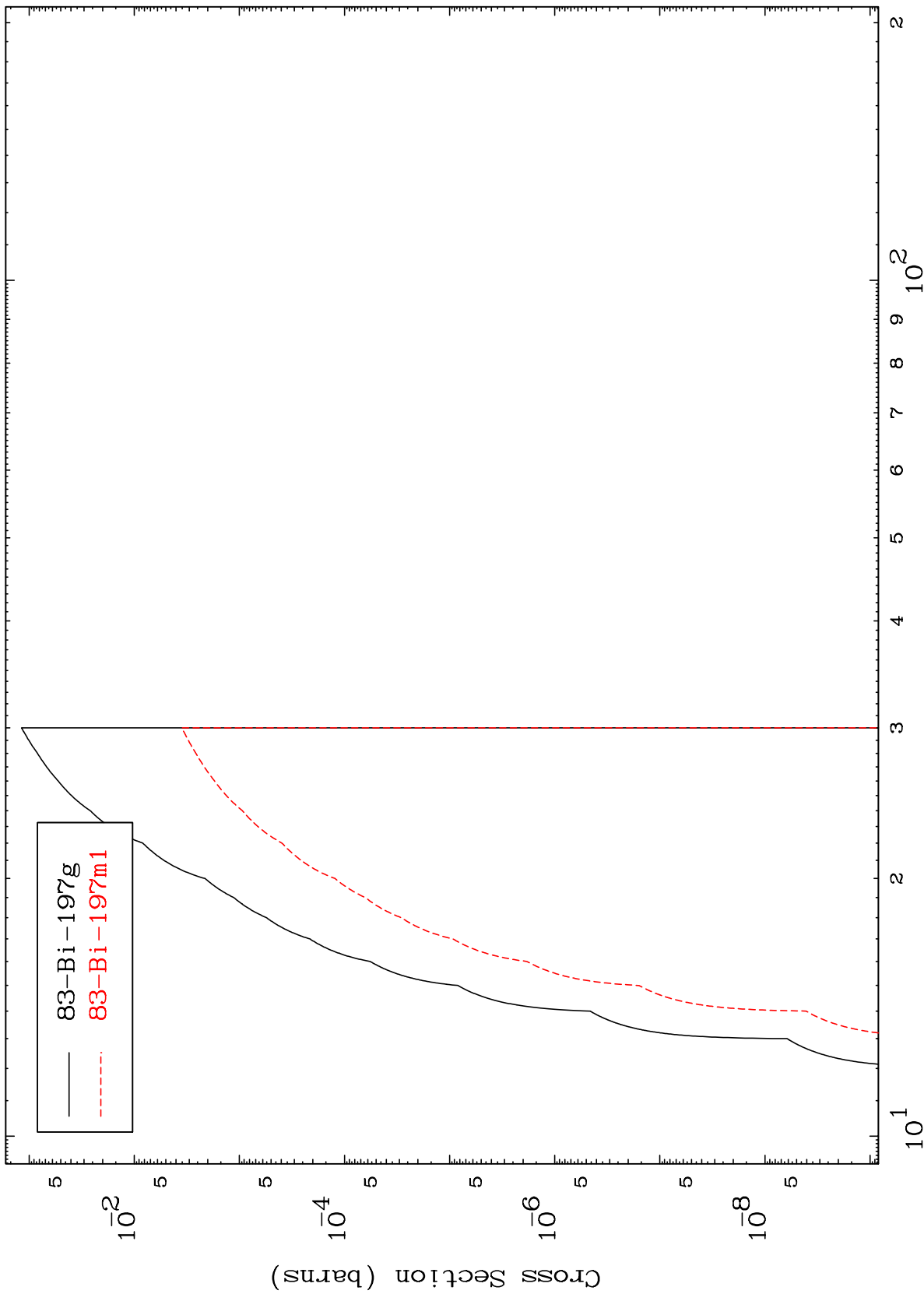
83-Bi-198m

MAT 8293

(n,2n) p

83-Bi-198m

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-198m

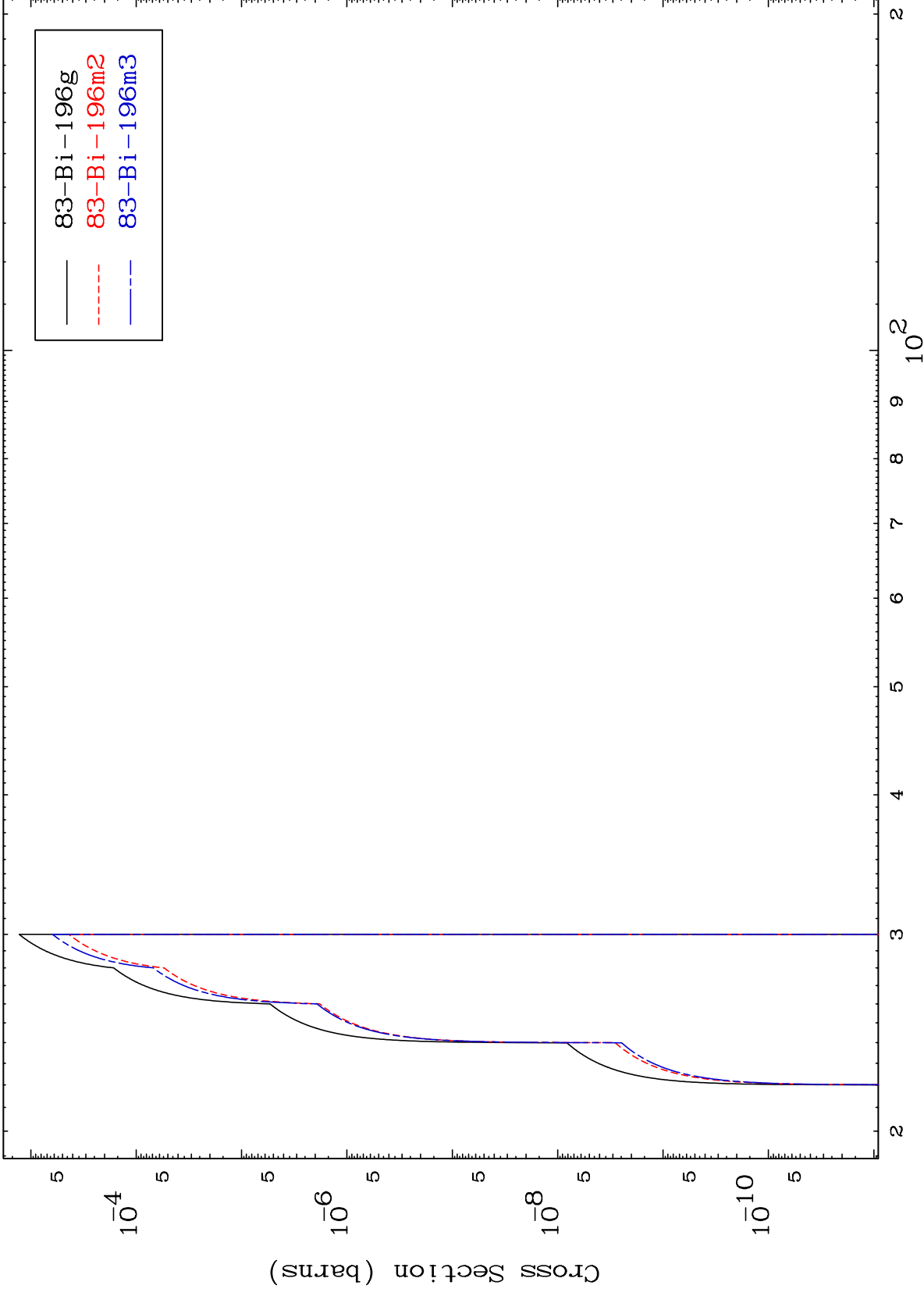
23

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(n,3n) p

83-Bi-198m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

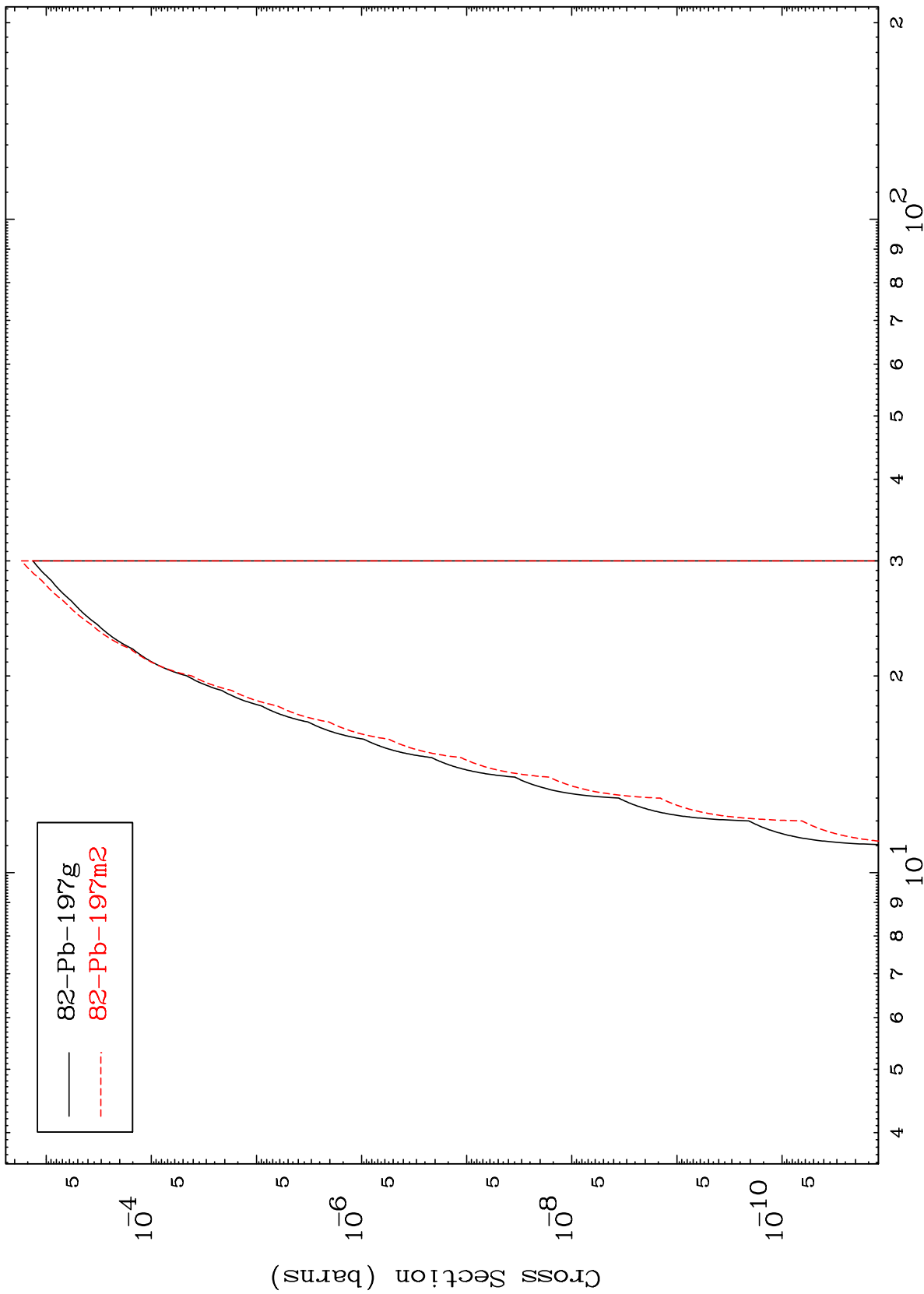
83-Bi-198m

MAT 8293

(n,2n) p

83-Bi-198m

Radionuclide Production Cross Section



Incident Energy (MeV)

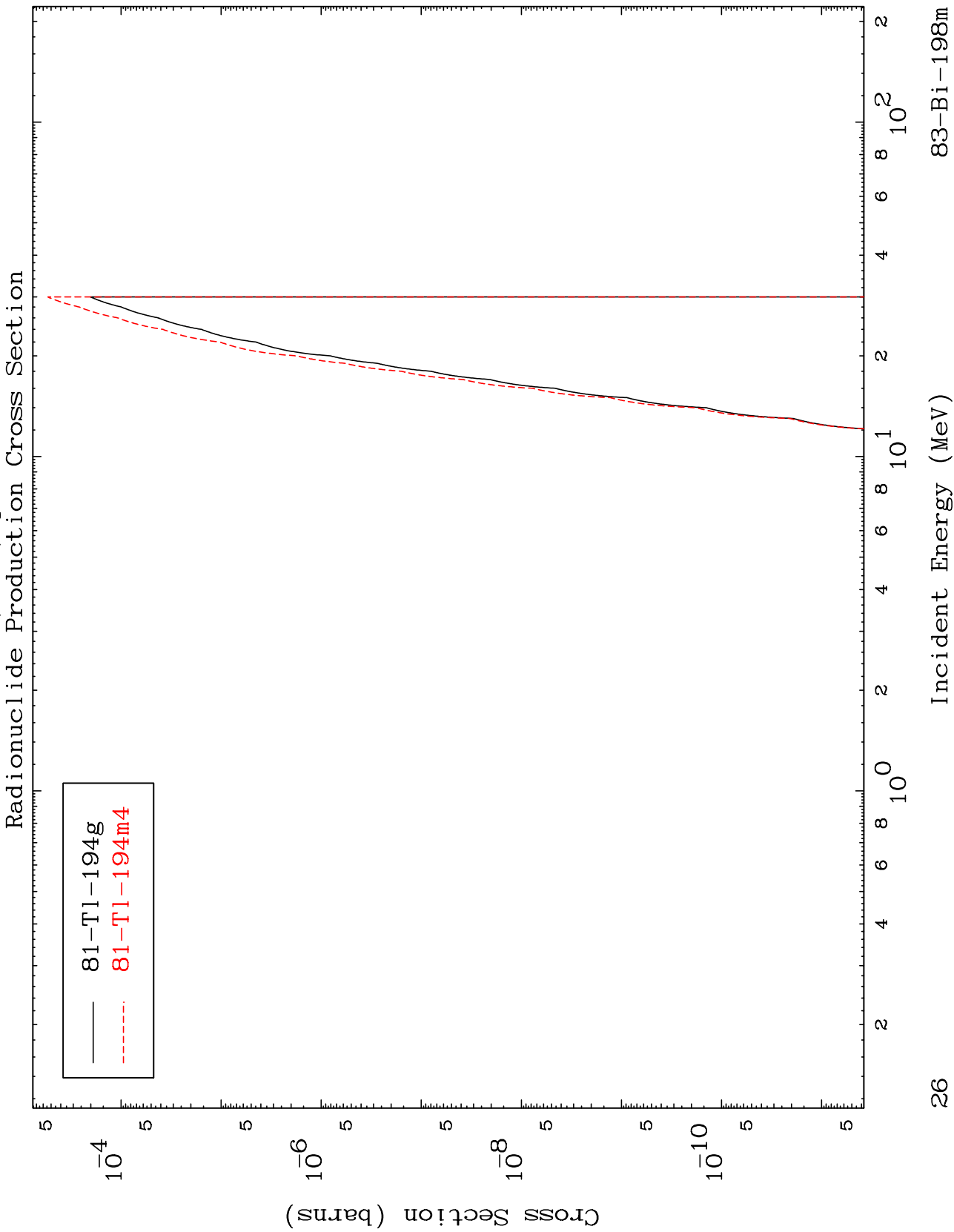
83-Bi-198m

25

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(n,n') p  $\alpha$

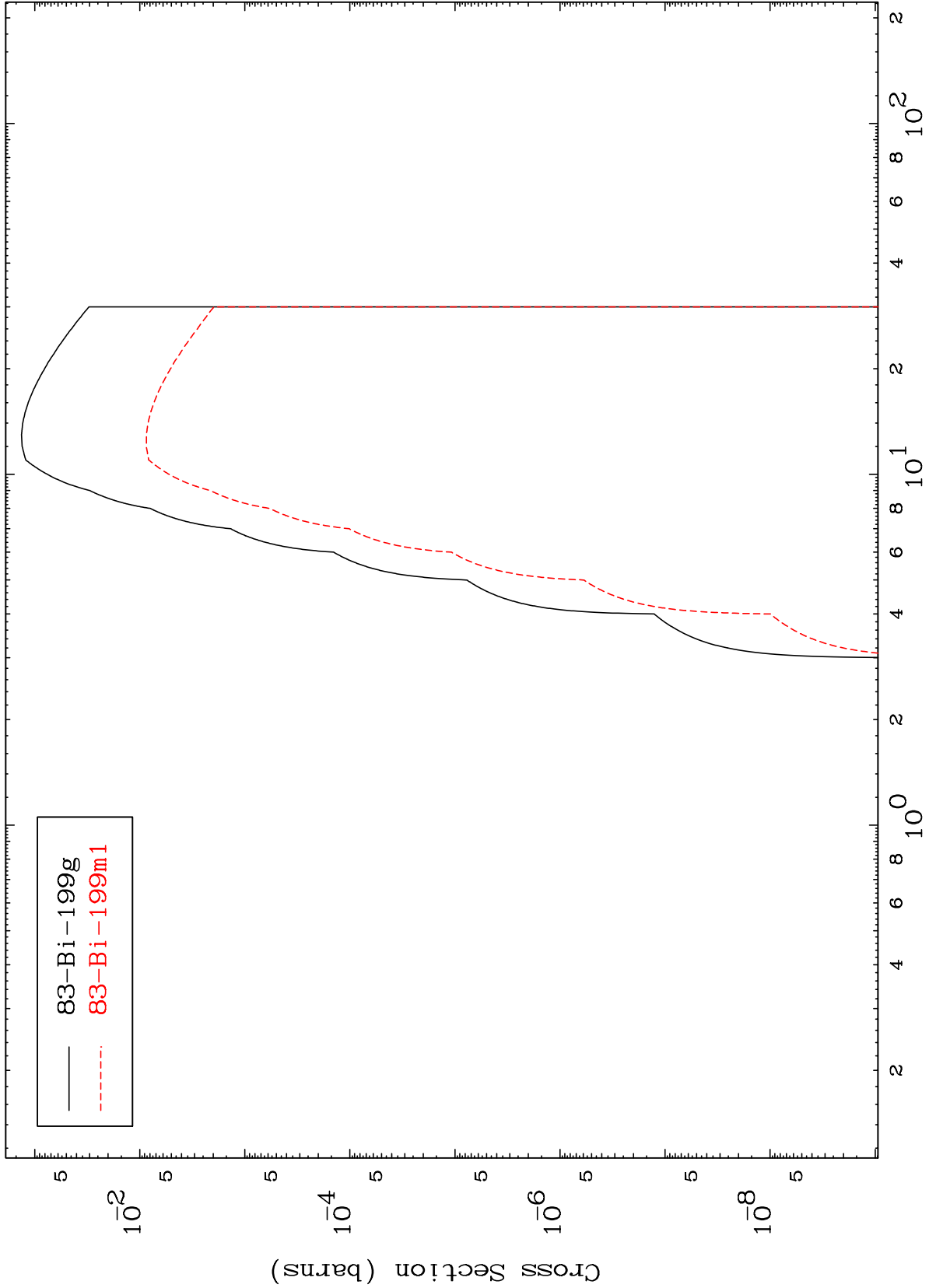
83-Bi-198m



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<sup>83</sup>Bi-198m

(n,p)  
Radionuclide Production Cross Section



— 83-Bi-199g  
- - - 83-Bi-199m1

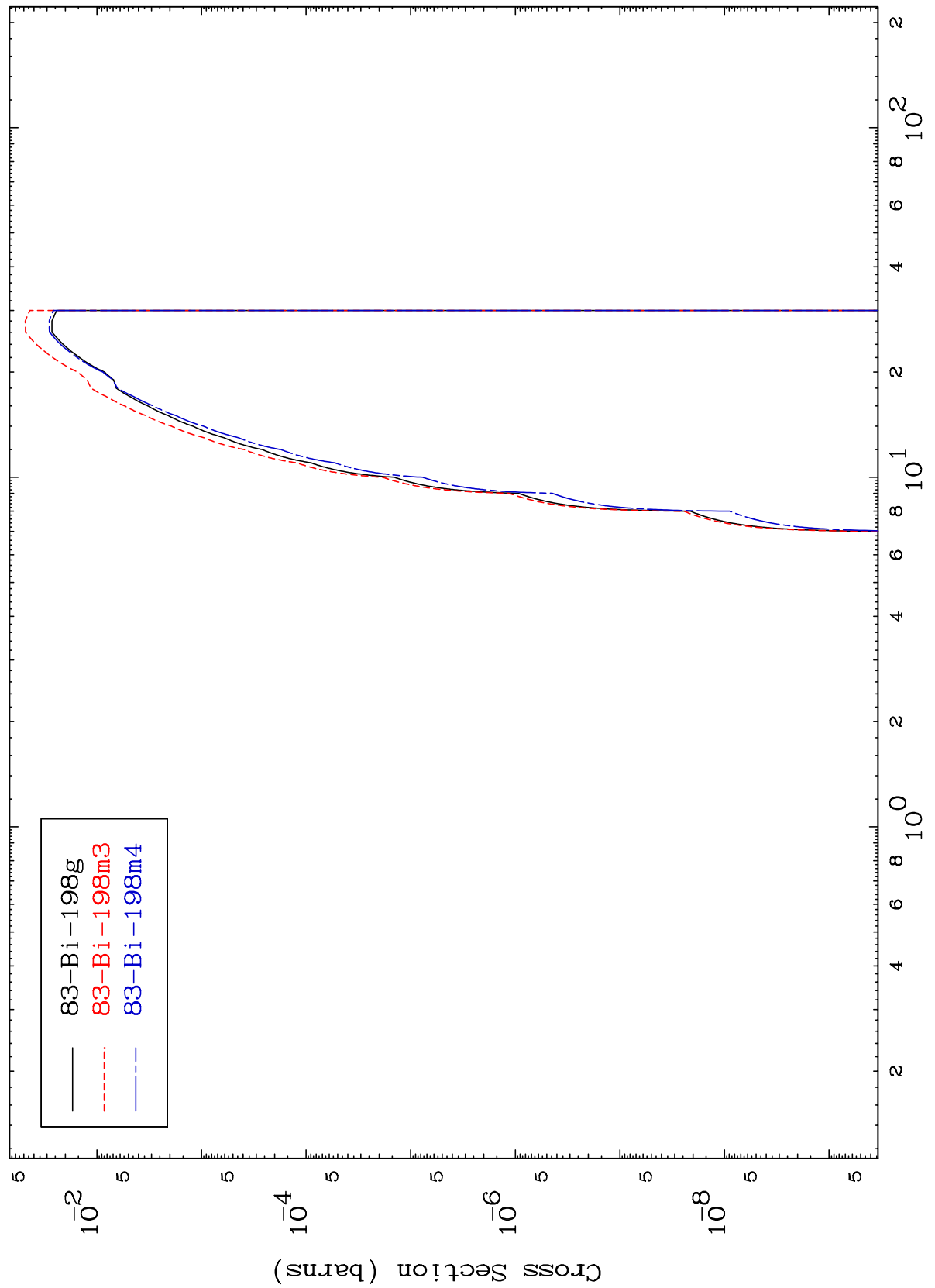
<sup>83</sup>Bi-198m

Incident Energy (MeV)

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<sup>83</sup>Bi-198m

(n,d)  
Radionuclide Production Cross Section



<sup>83</sup>Bi-198m

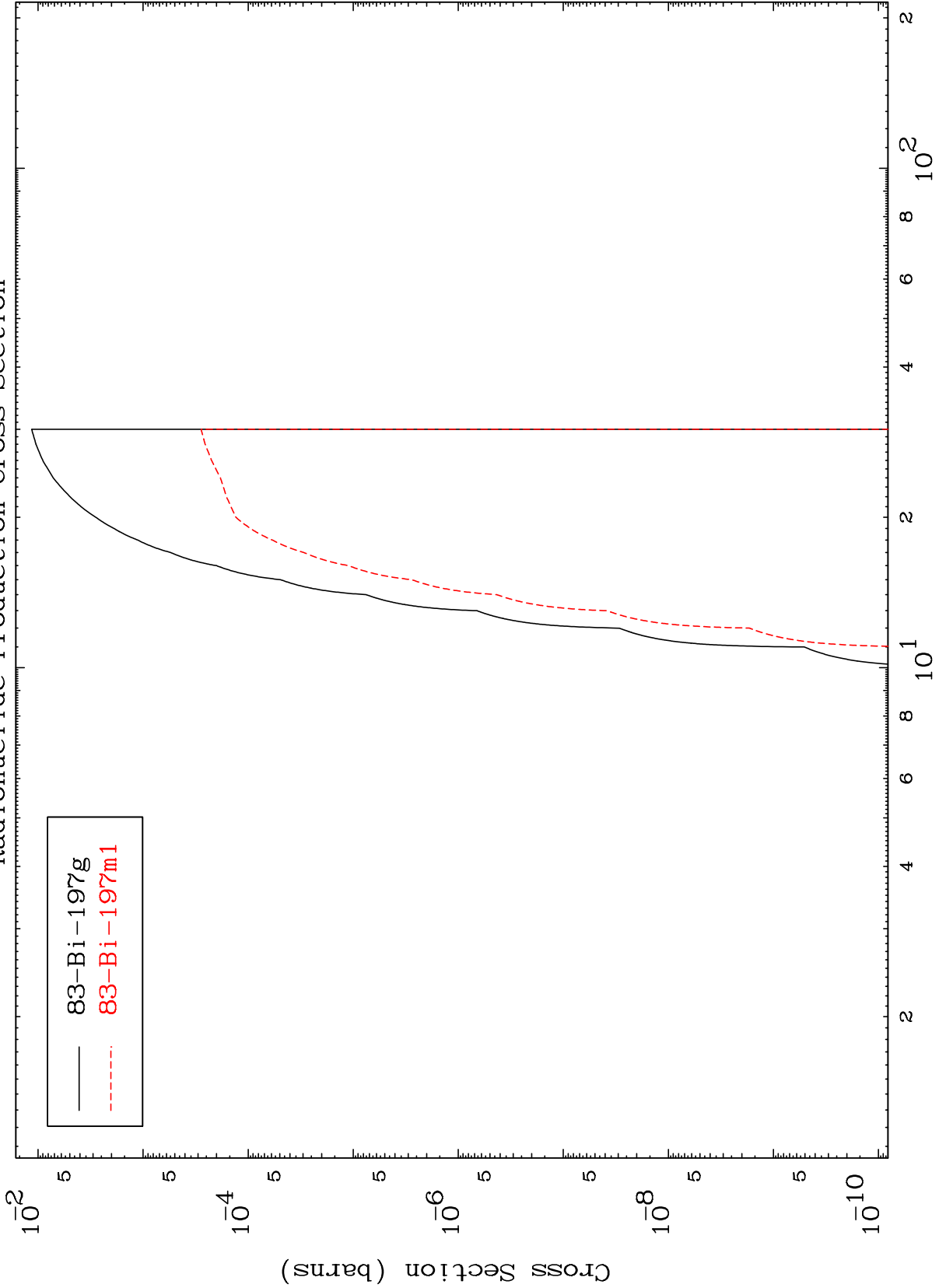
Incident Energy (MeV)

28

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$^{83}\text{Bi}-198\text{m}$

(n, t)  
Radionuclide Production Cross Section

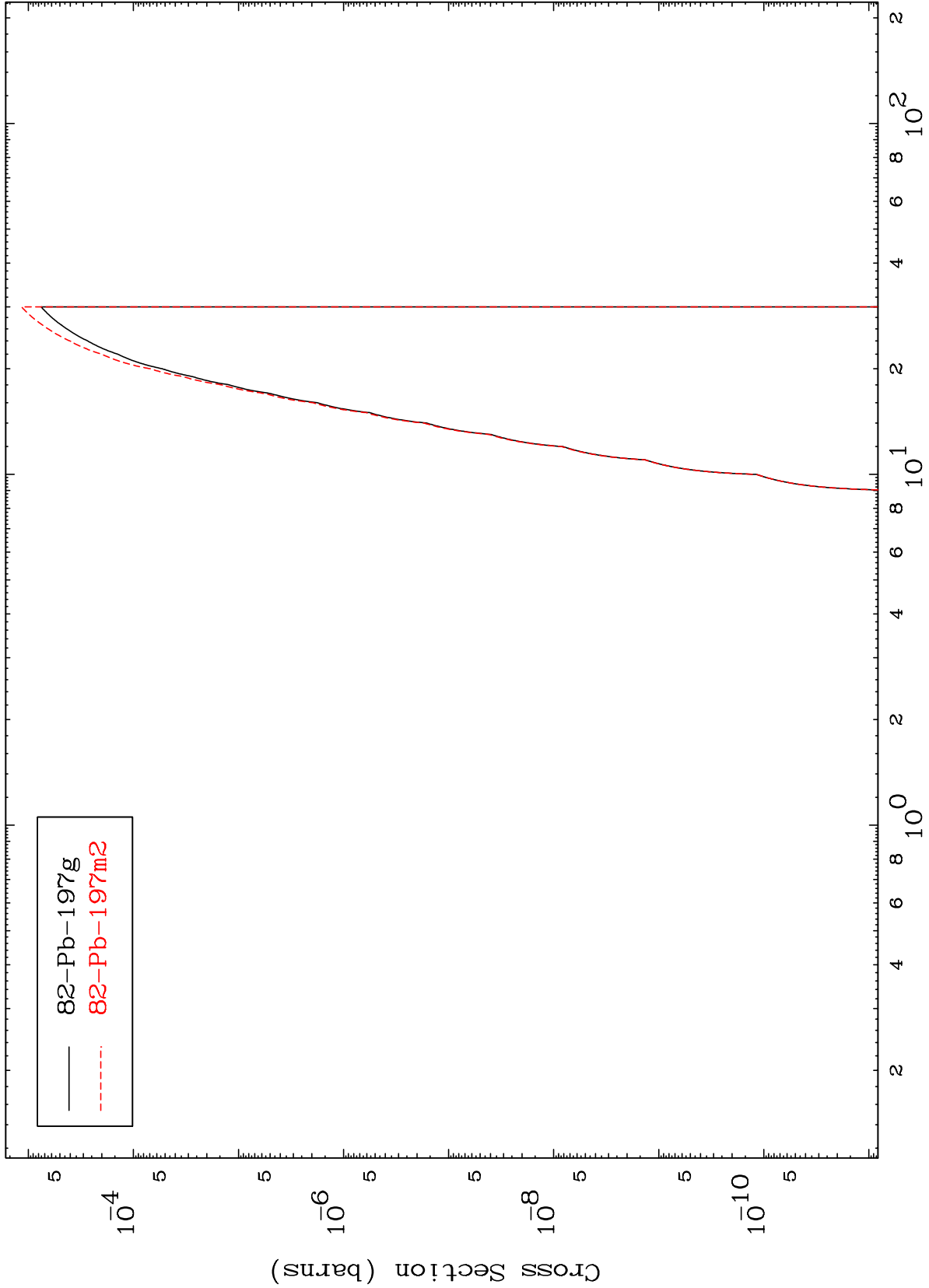


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(n,He-3)

83-Bi-198m

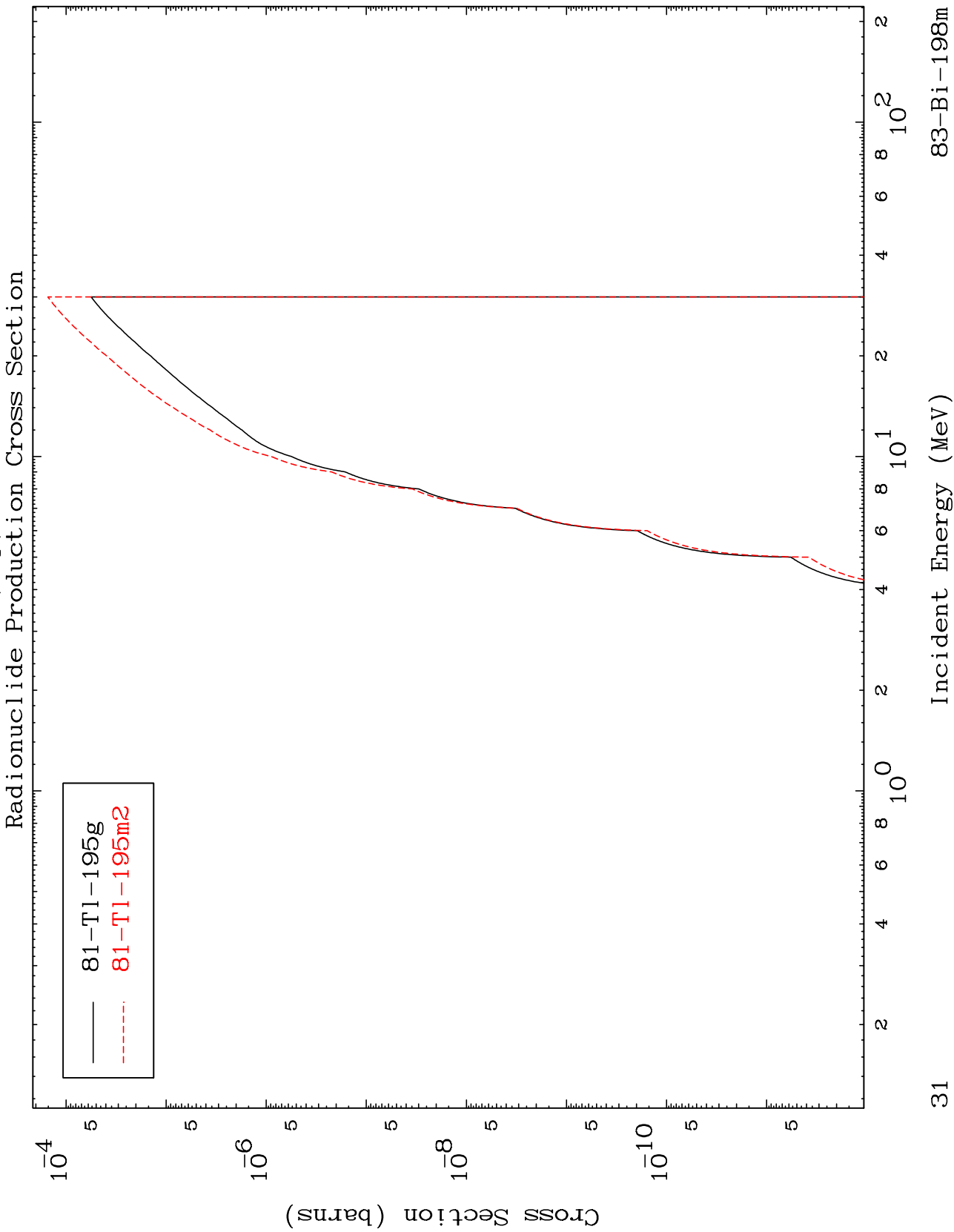
Radionuclide Production Cross Section



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(n,p)  $\alpha$

83-Bi-198m

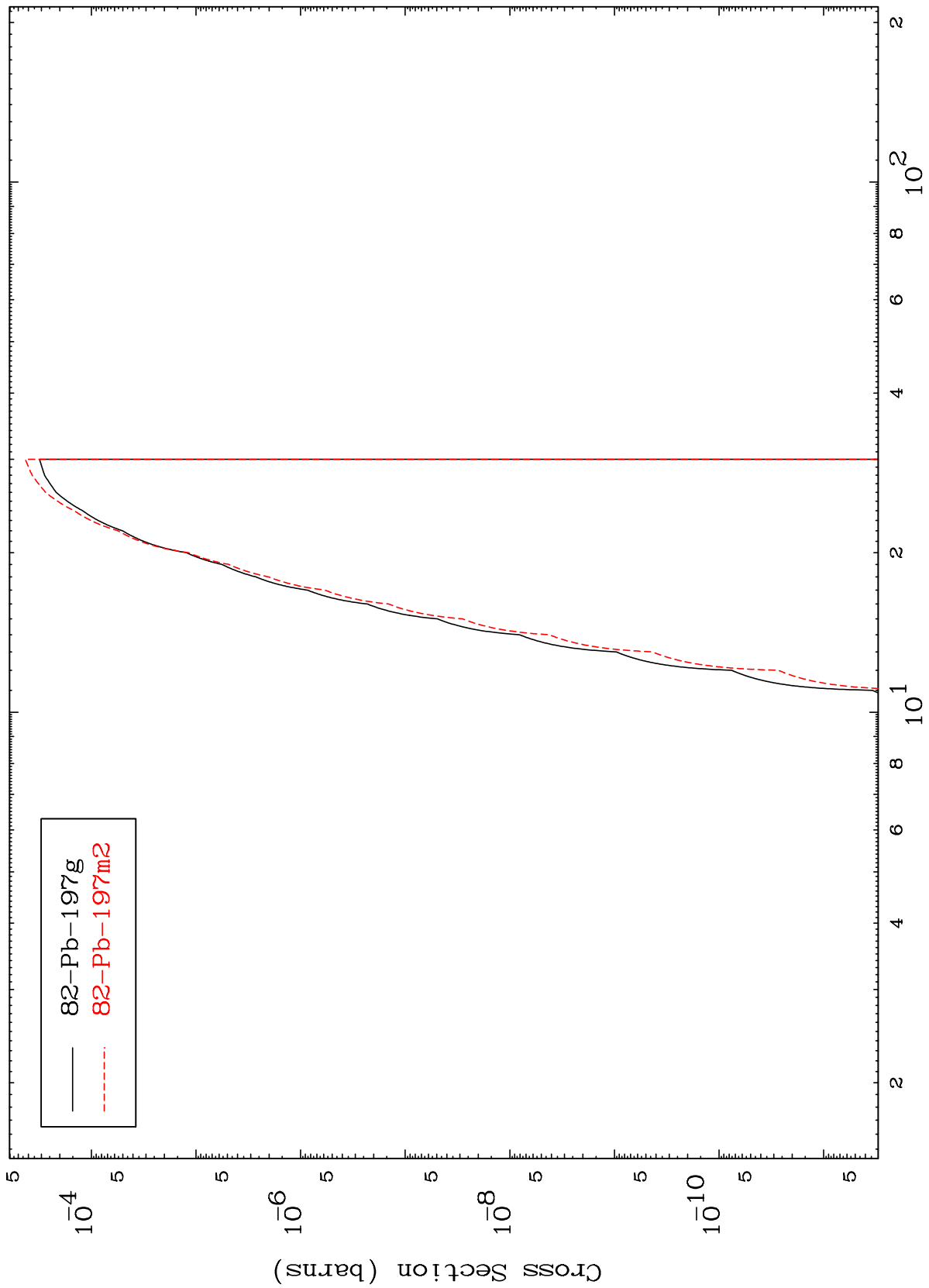


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(n,p) d

83-Bi-198m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

83-Bi-198m

MAT 8293

(n,d)  $\alpha$

$^{83}\text{Bi}-198\text{m}$

