

Program EVALPLOT
(Version 2021-1)

by

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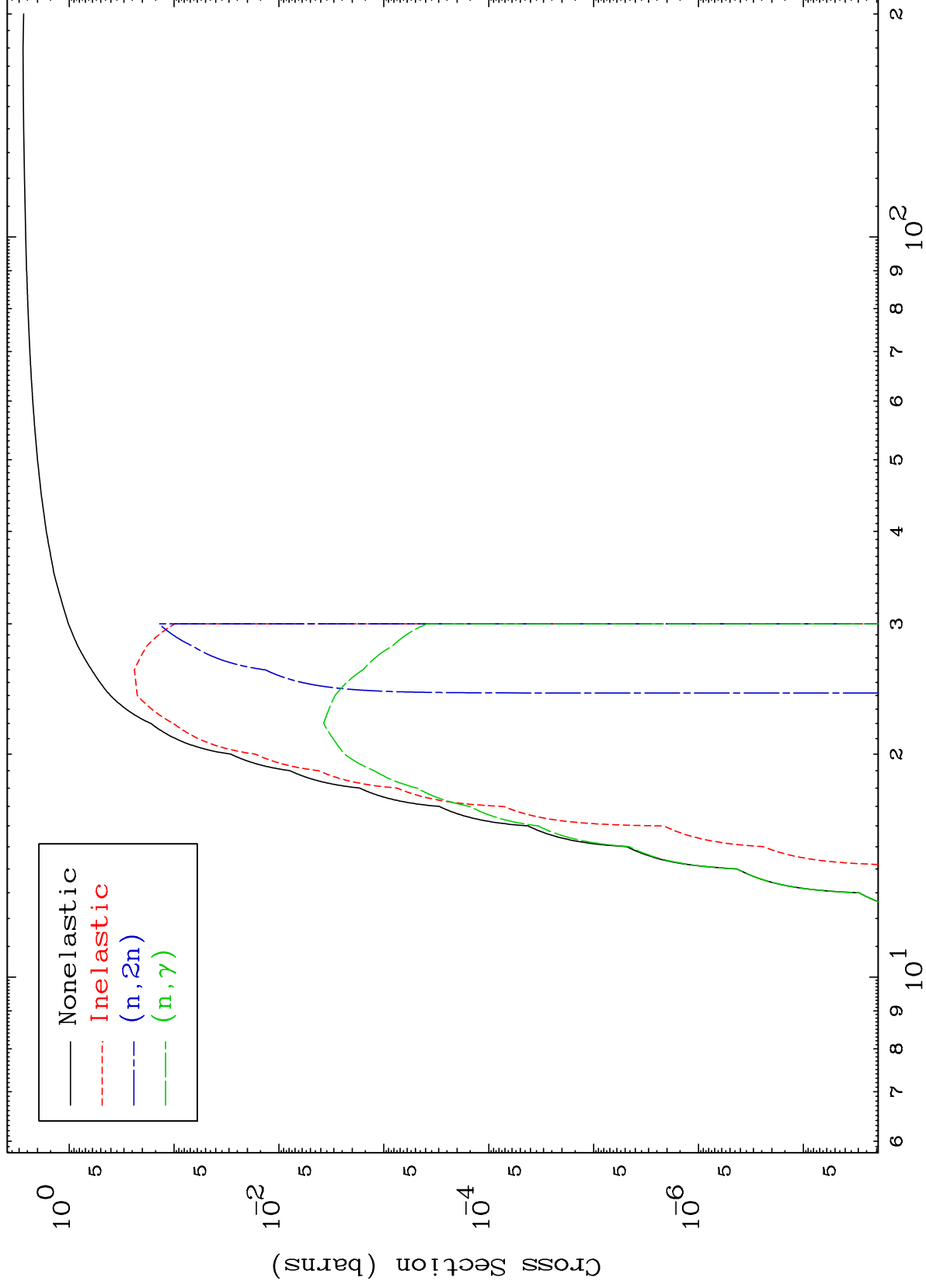
Press Mouse Button to Start

MAT 8293

α Major

83-Bi-198m

0 Kelvin Cross Sections



1

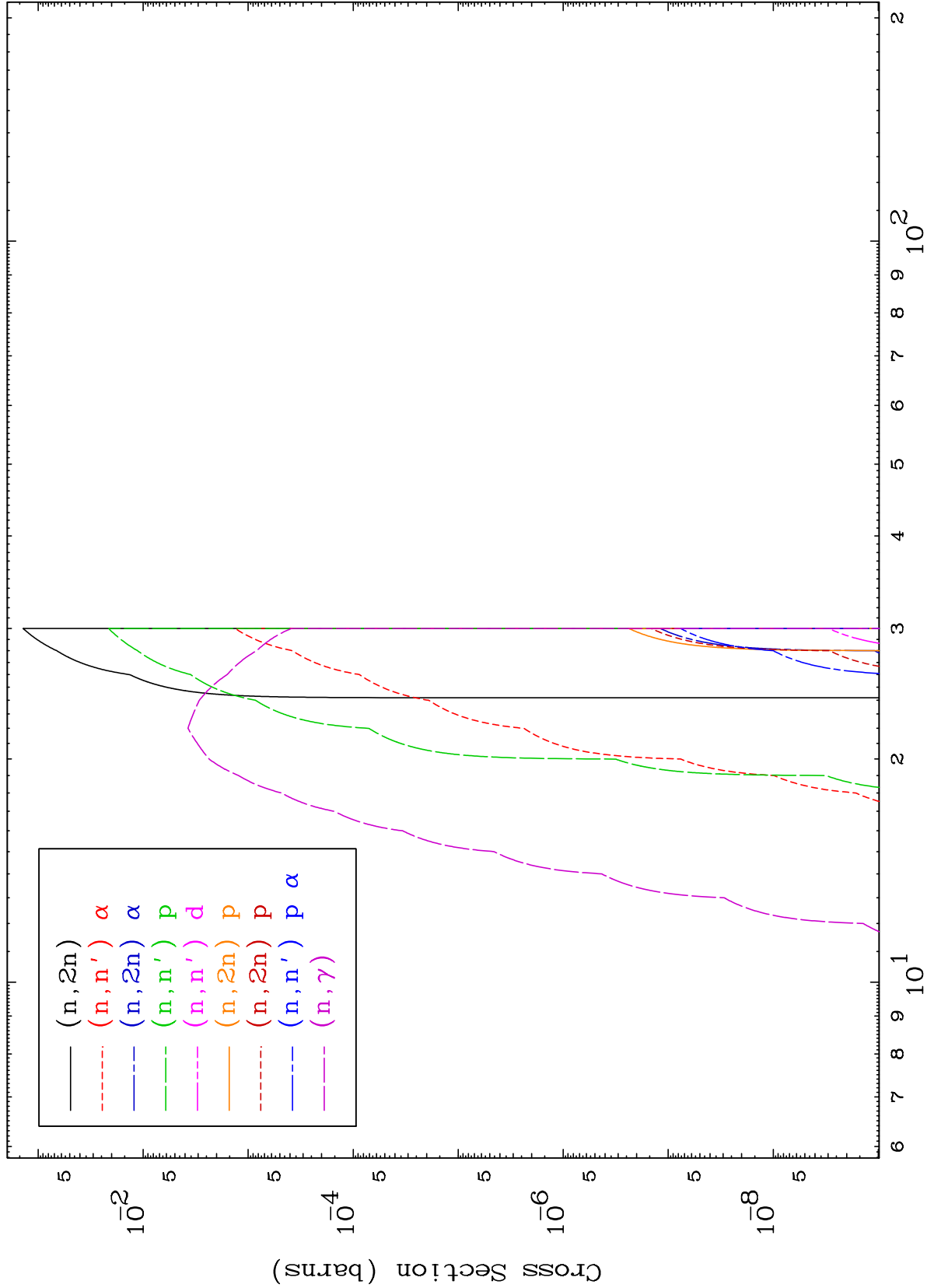
Incident Energy (MeV)

83-Bi-198m

MAT 8293

α Neutron Absorption
0 Kelvin Cross Sections

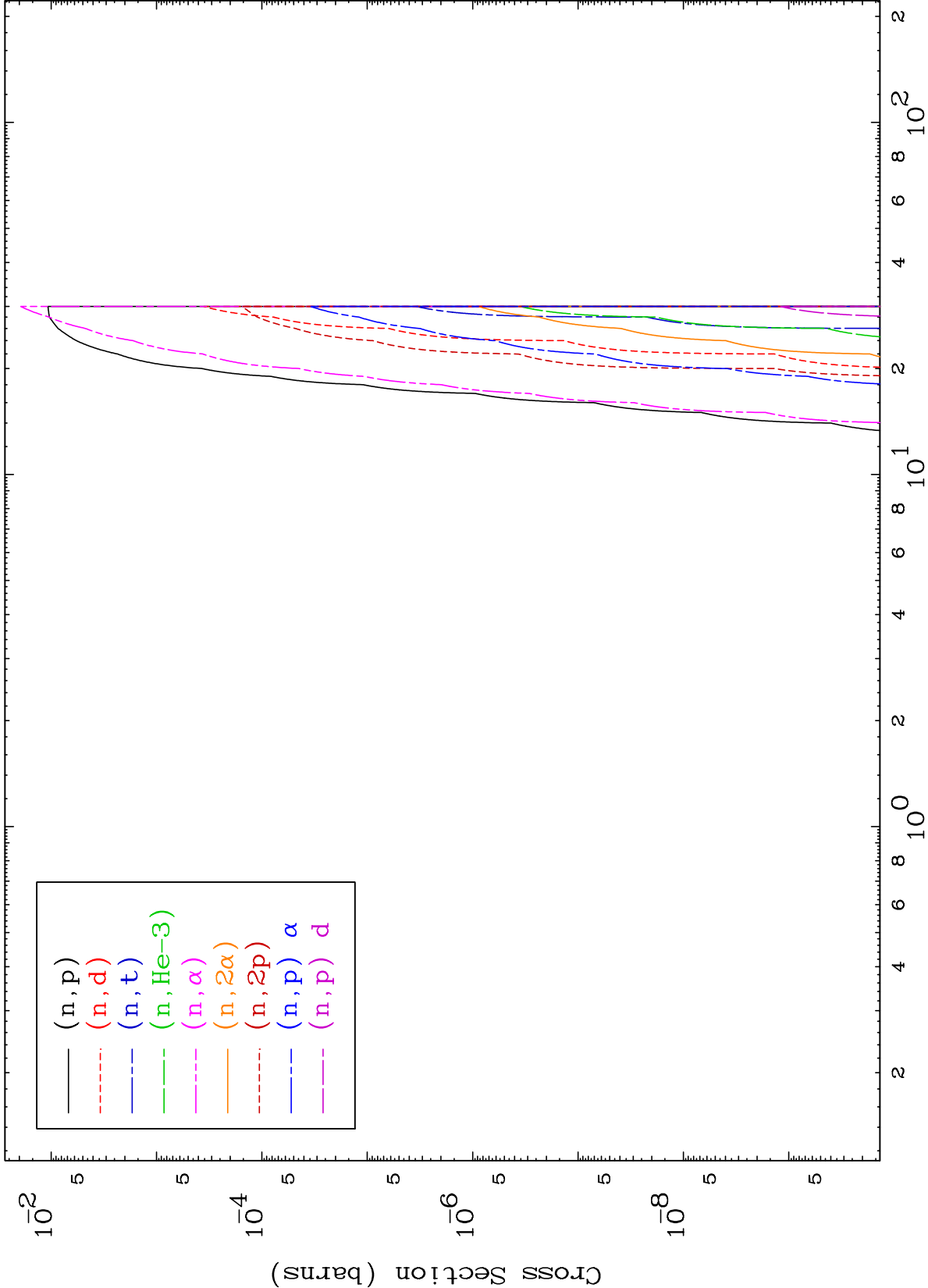
83-Bi-198m

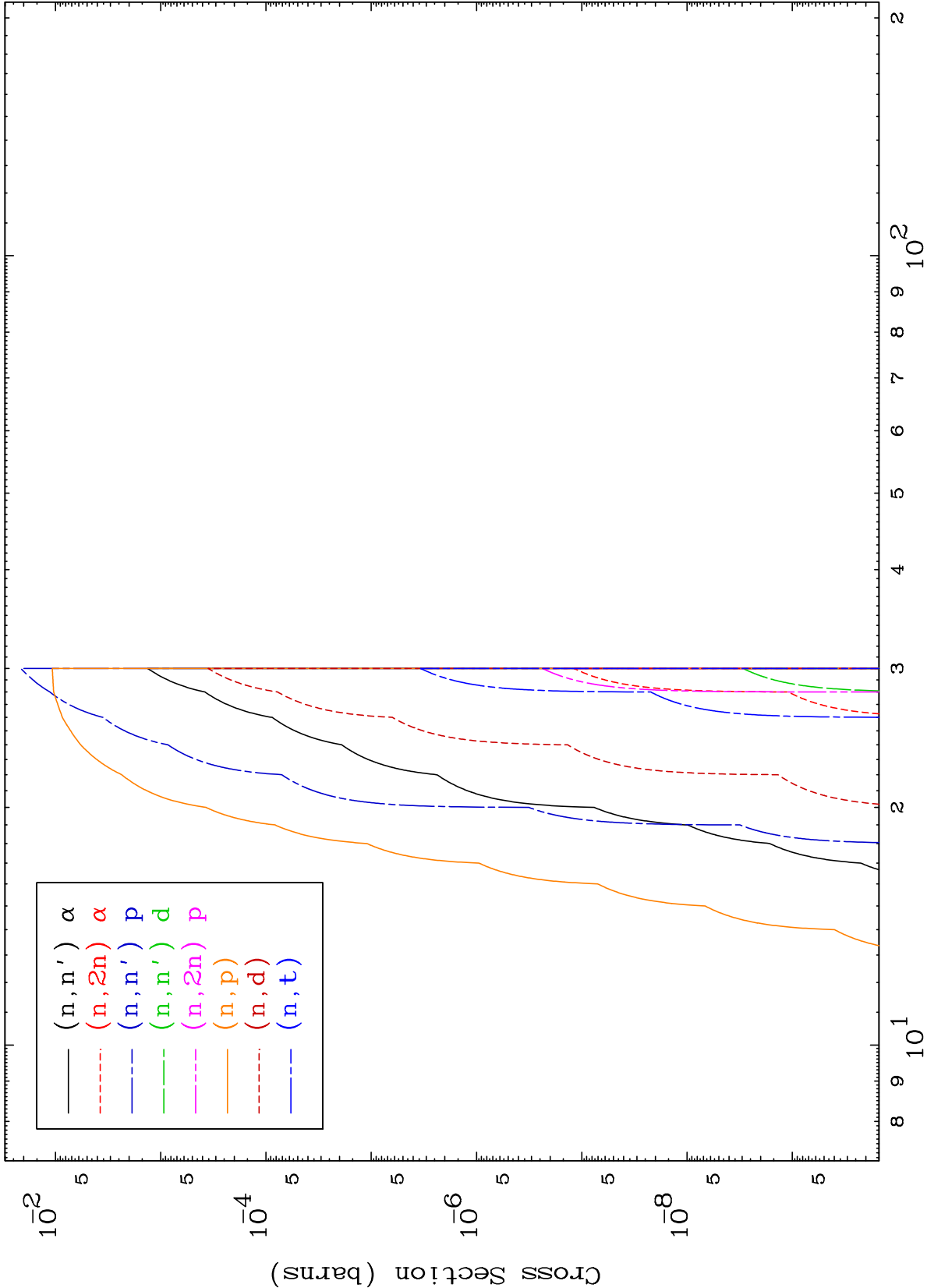


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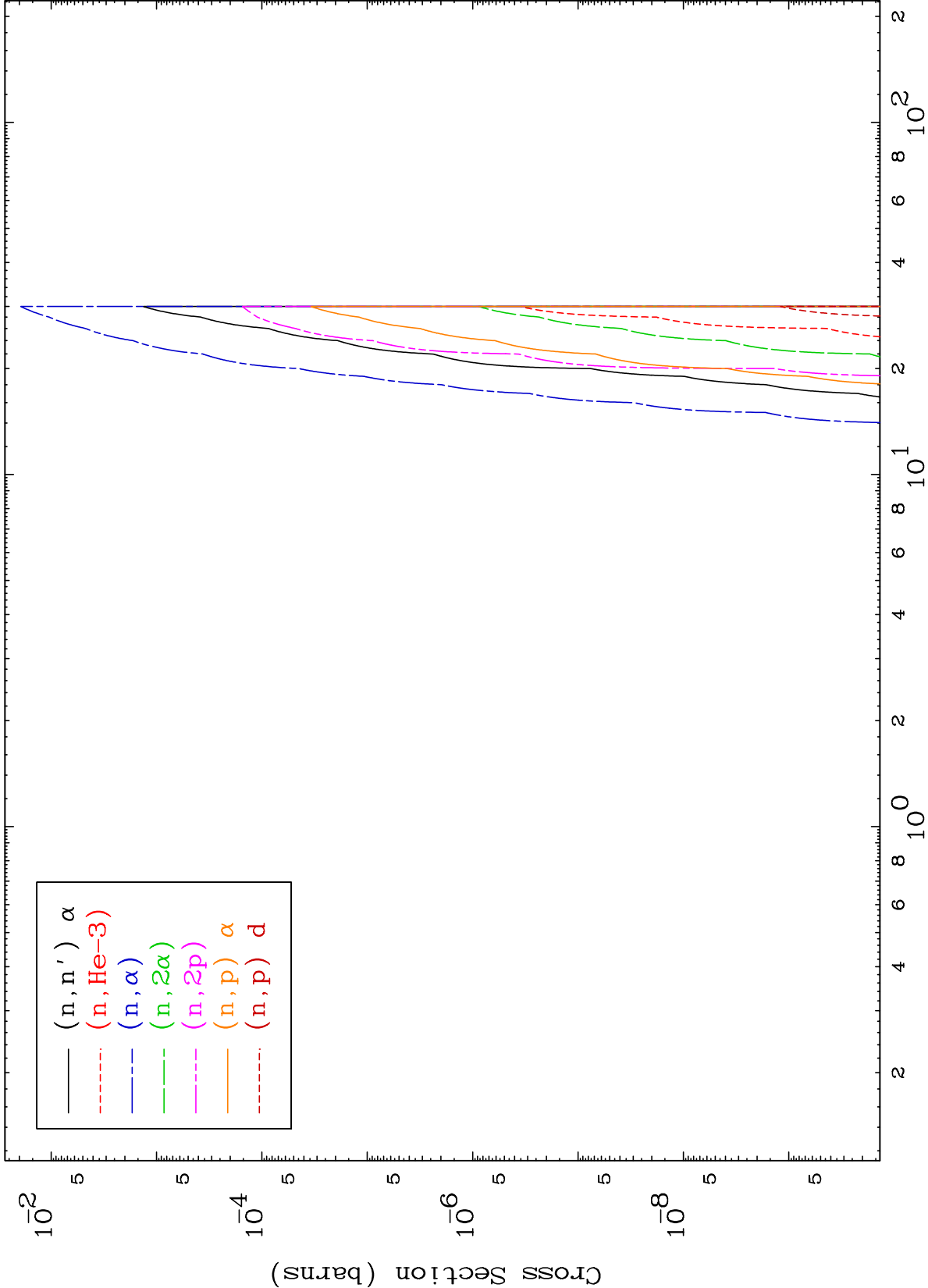
Incident Energy (MeV)

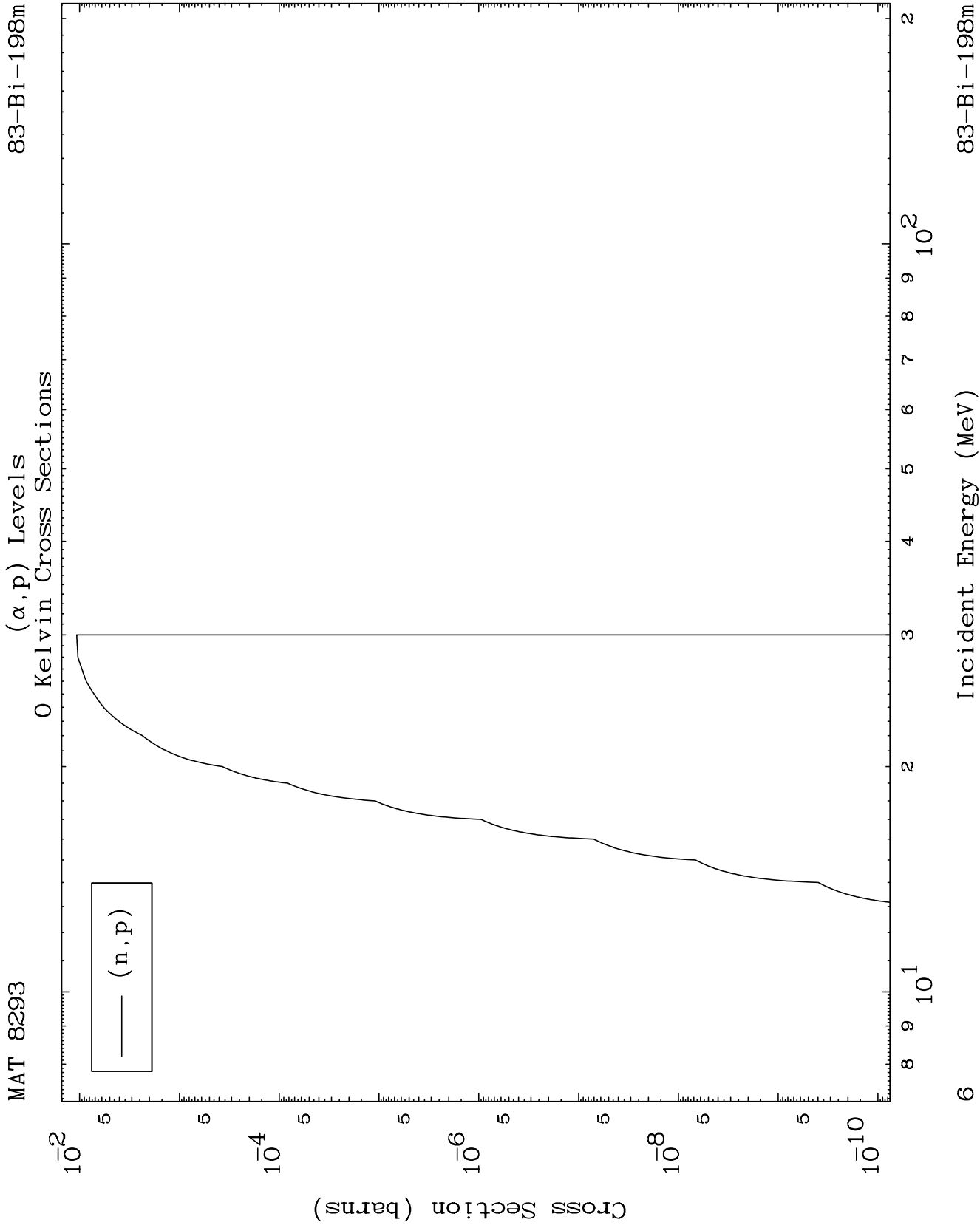
83-Bi-198m





0 Kelvin Cross Sections

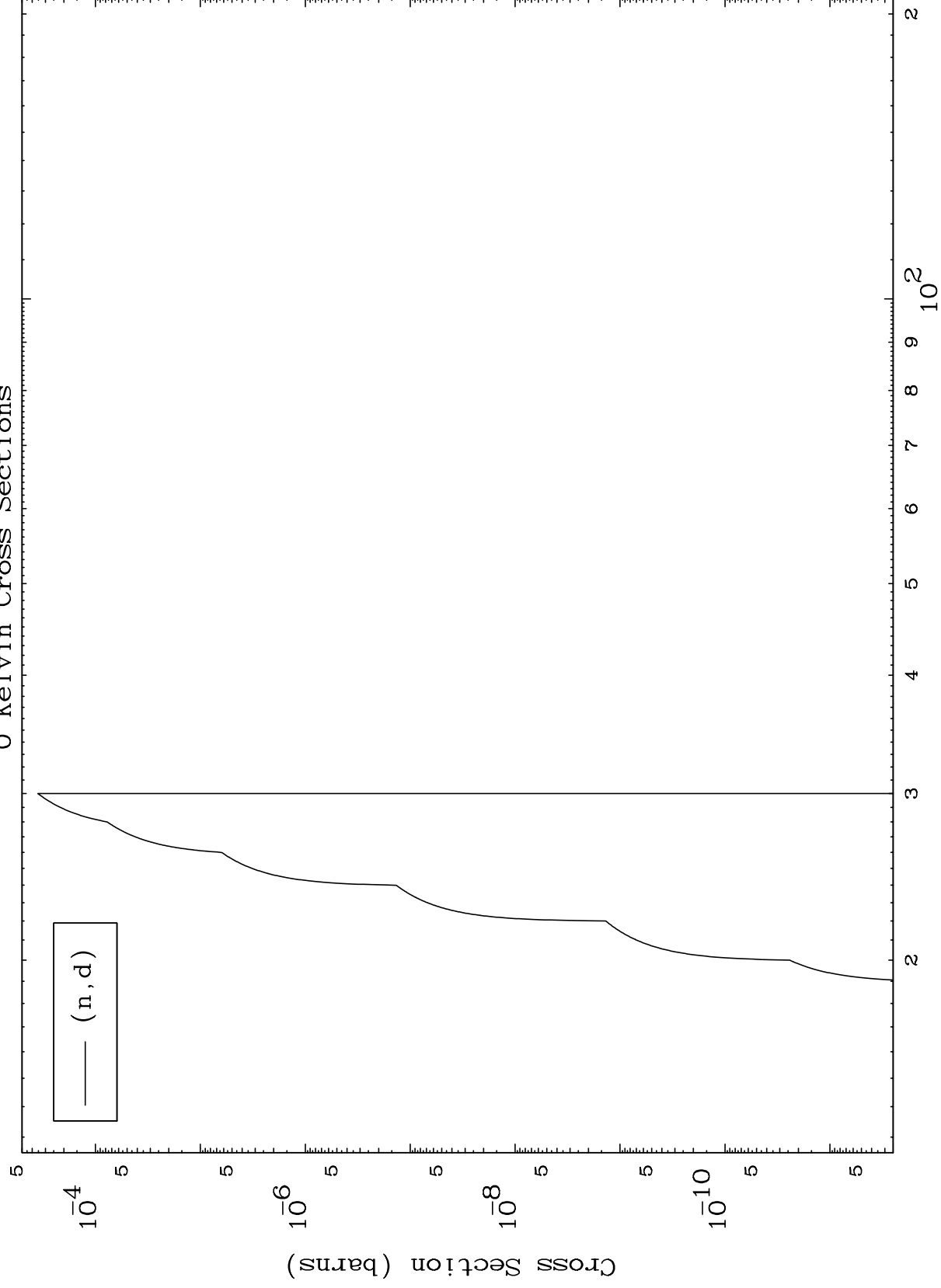




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83-Bi-198m

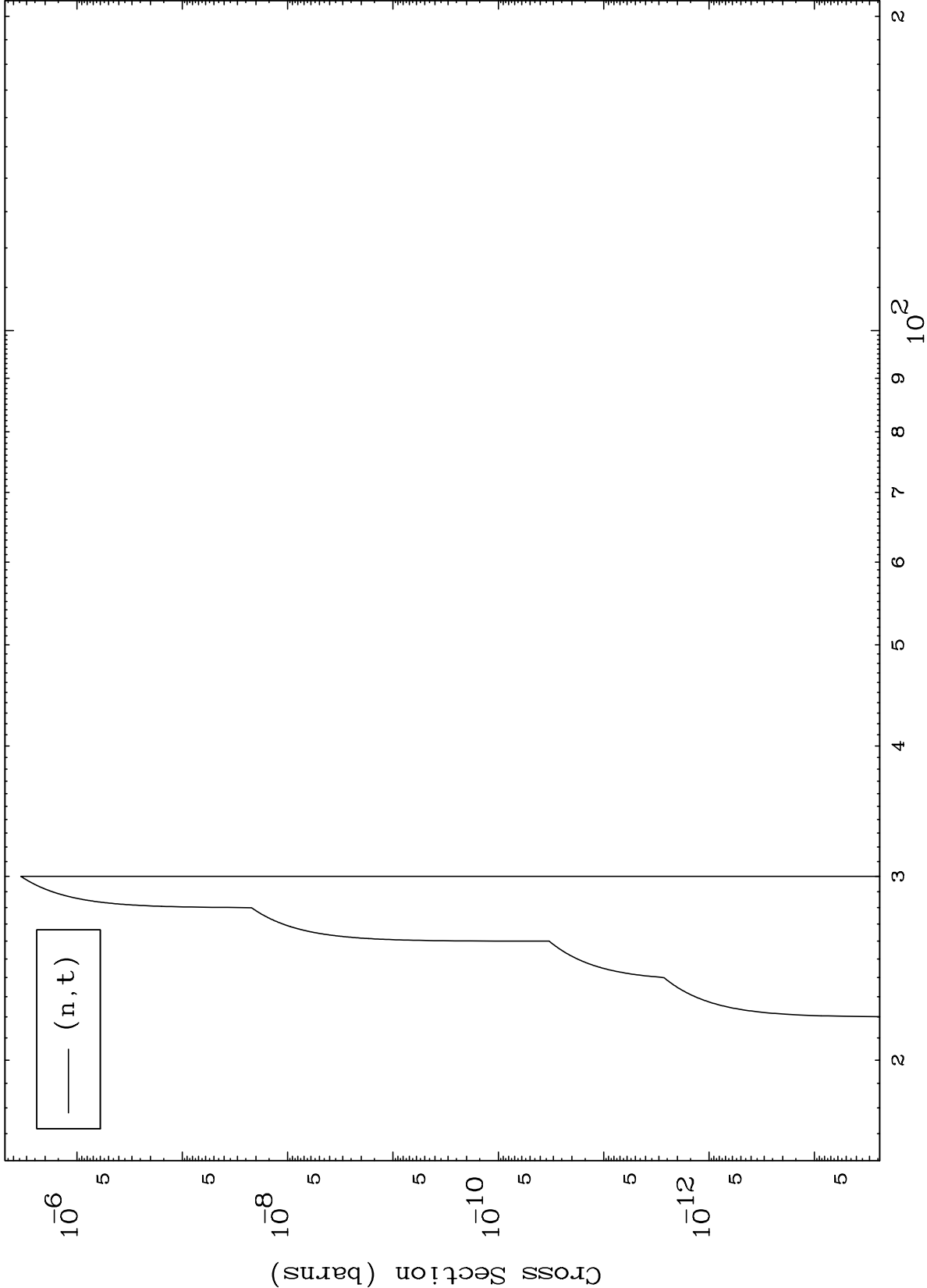
(α, d) Levels
0 Kelvin Cross Sections



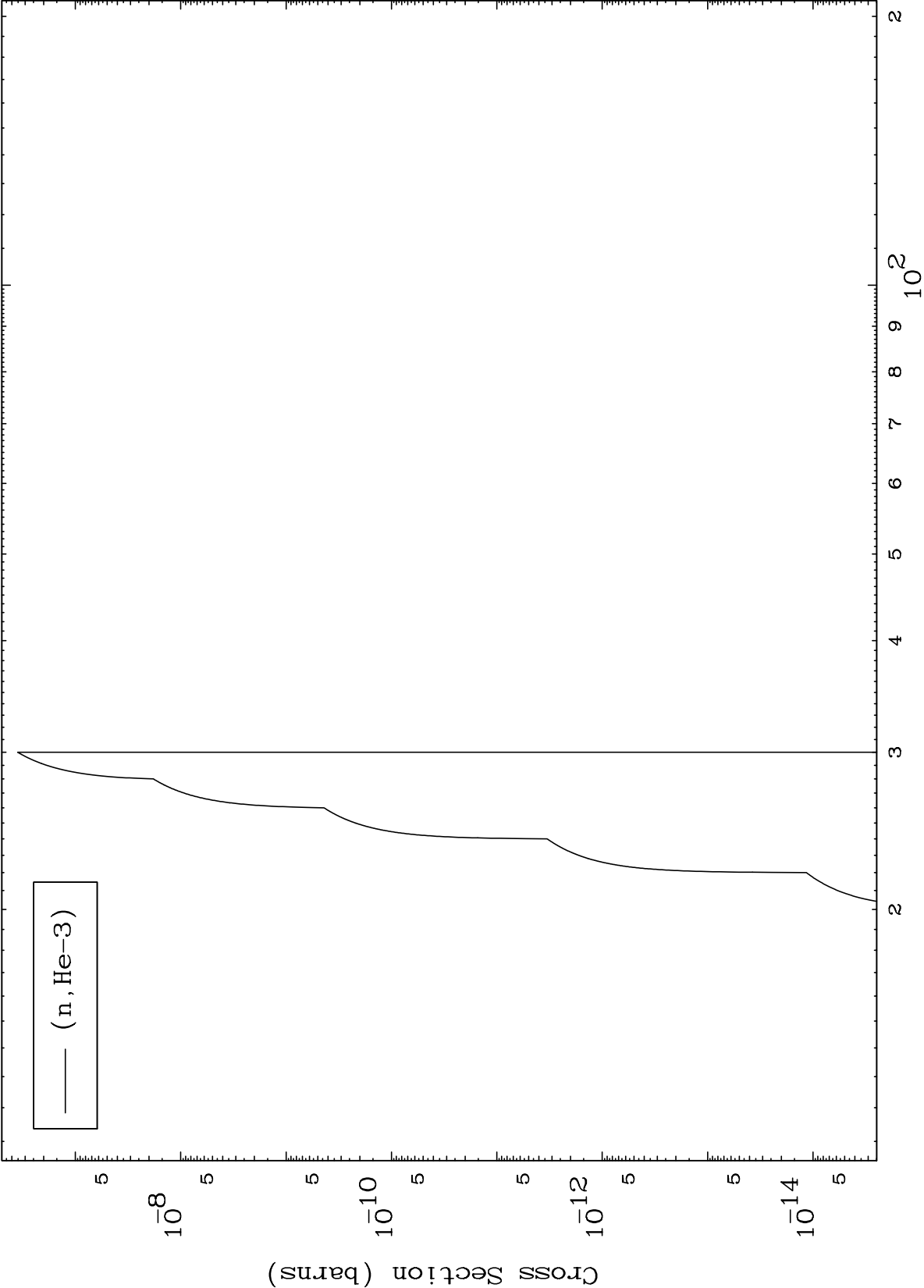
7

83-Bi-198m

Incident Energy (MeV)



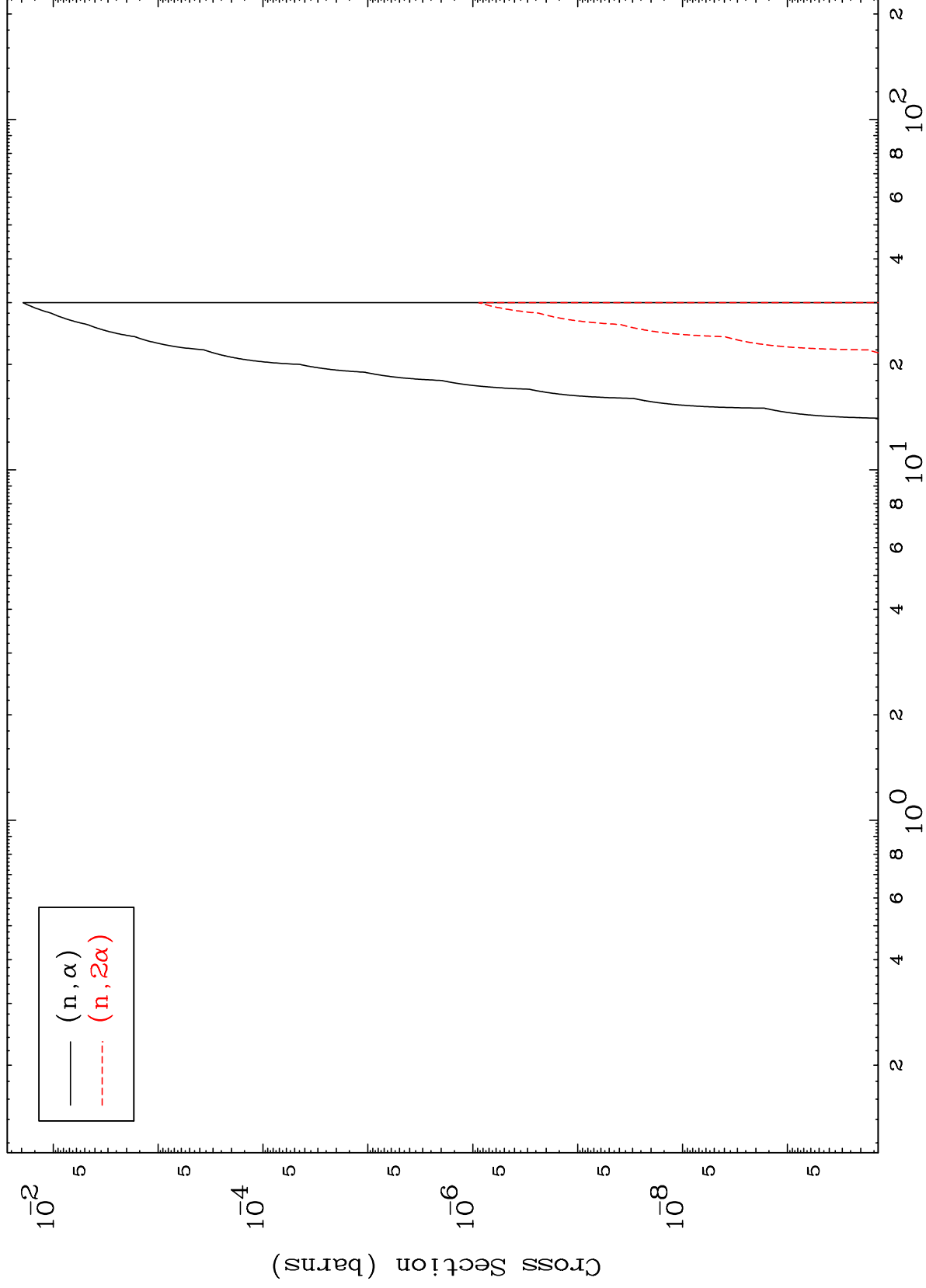
0 Kelvin Cross Sections



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83-Bi-198m

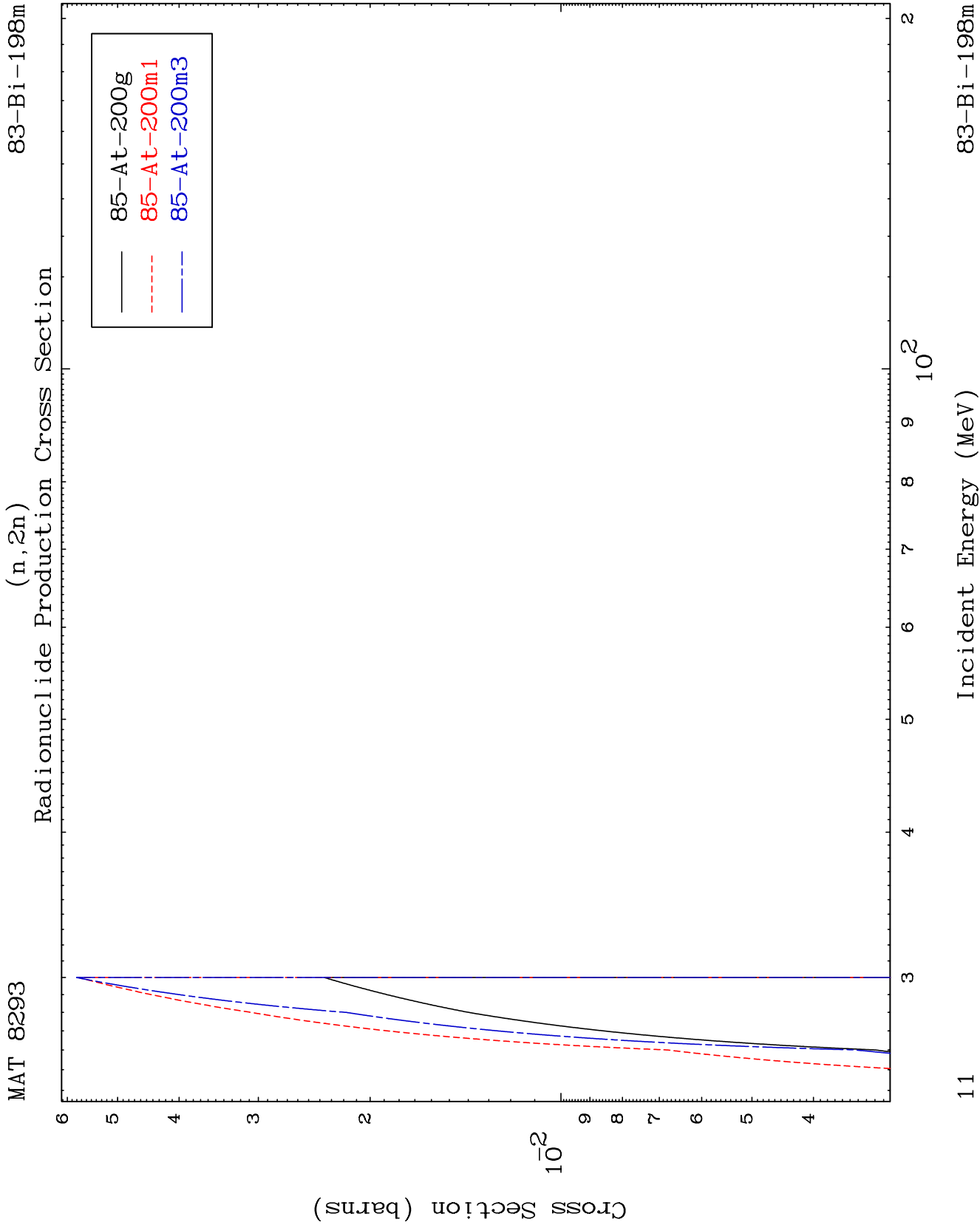
(α, α) Levels
0 Kelvin Cross Sections



10

Incident Energy (MeV)

83-Bi-198m

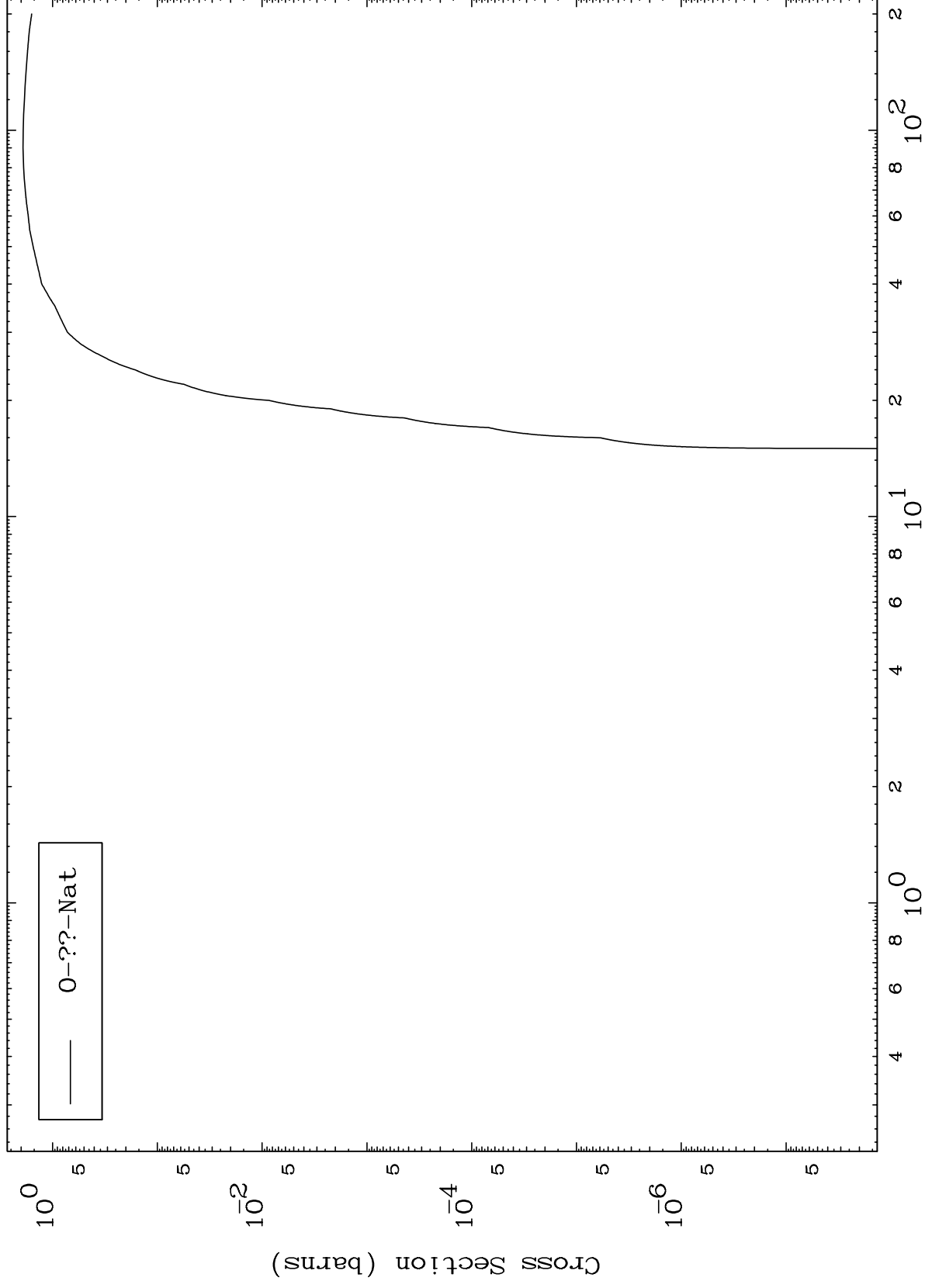


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Fission

83-Bi-198m

Radionuclide Production Cross Section



12

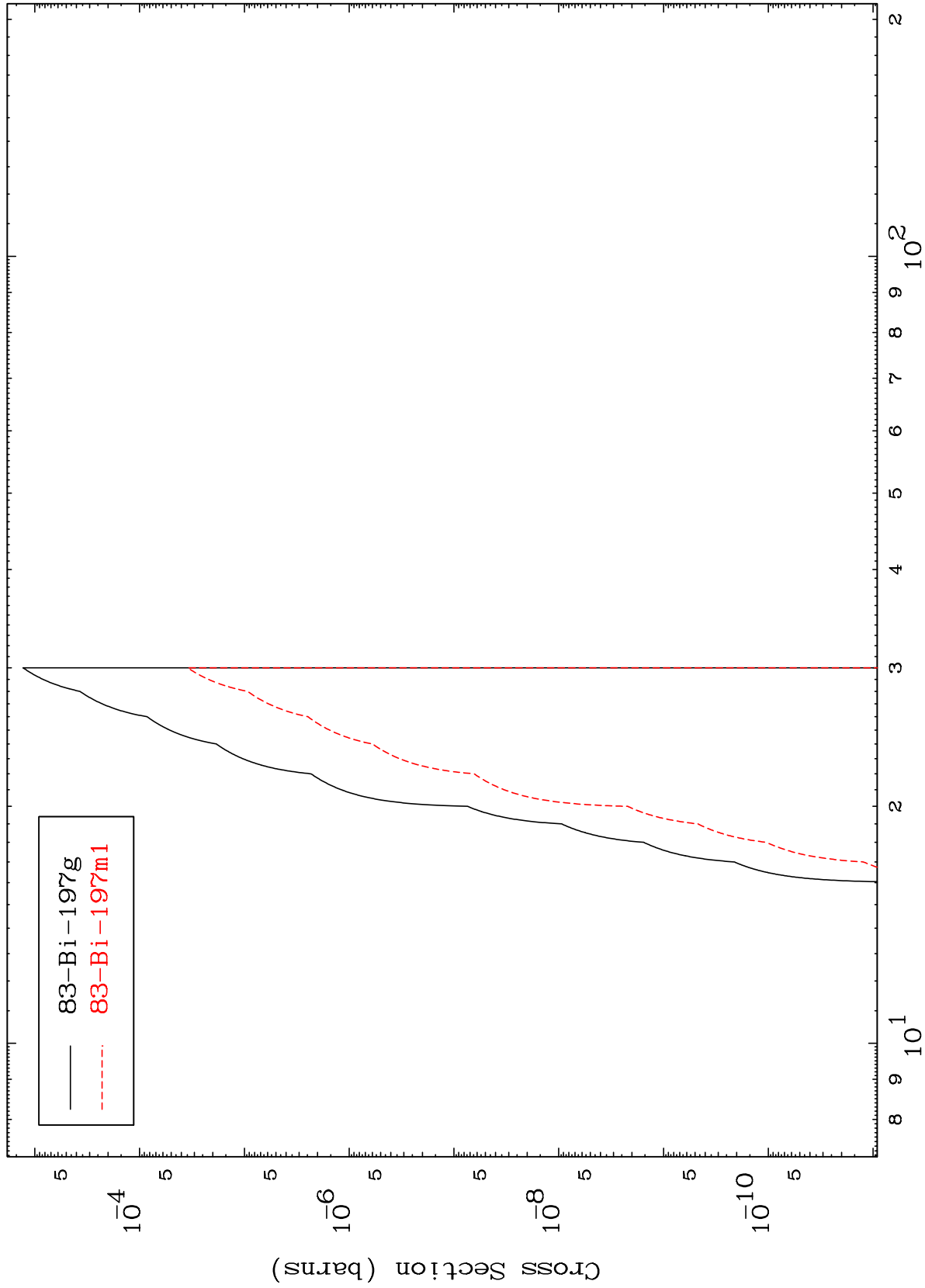
Incident Energy (MeV)

83-Bi-198m

MAT 8293

83-Bi-198m

(n,n') α
Radionuclide Production Cross Section



83-Bi-198m

Incident Energy (MeV)

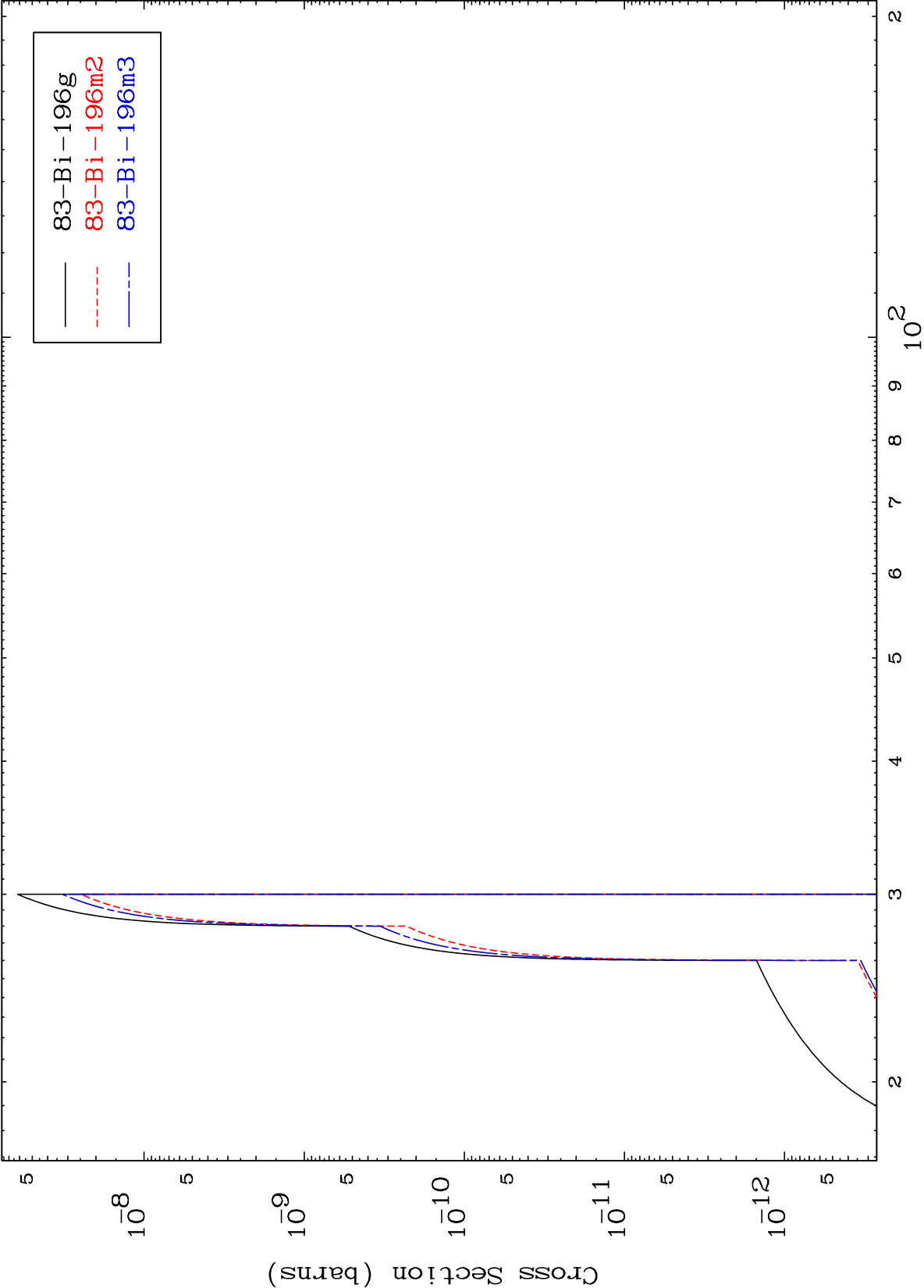
13

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$(n,2n) \alpha$

83-Bi-198m

Radionuclide Production Cross Section

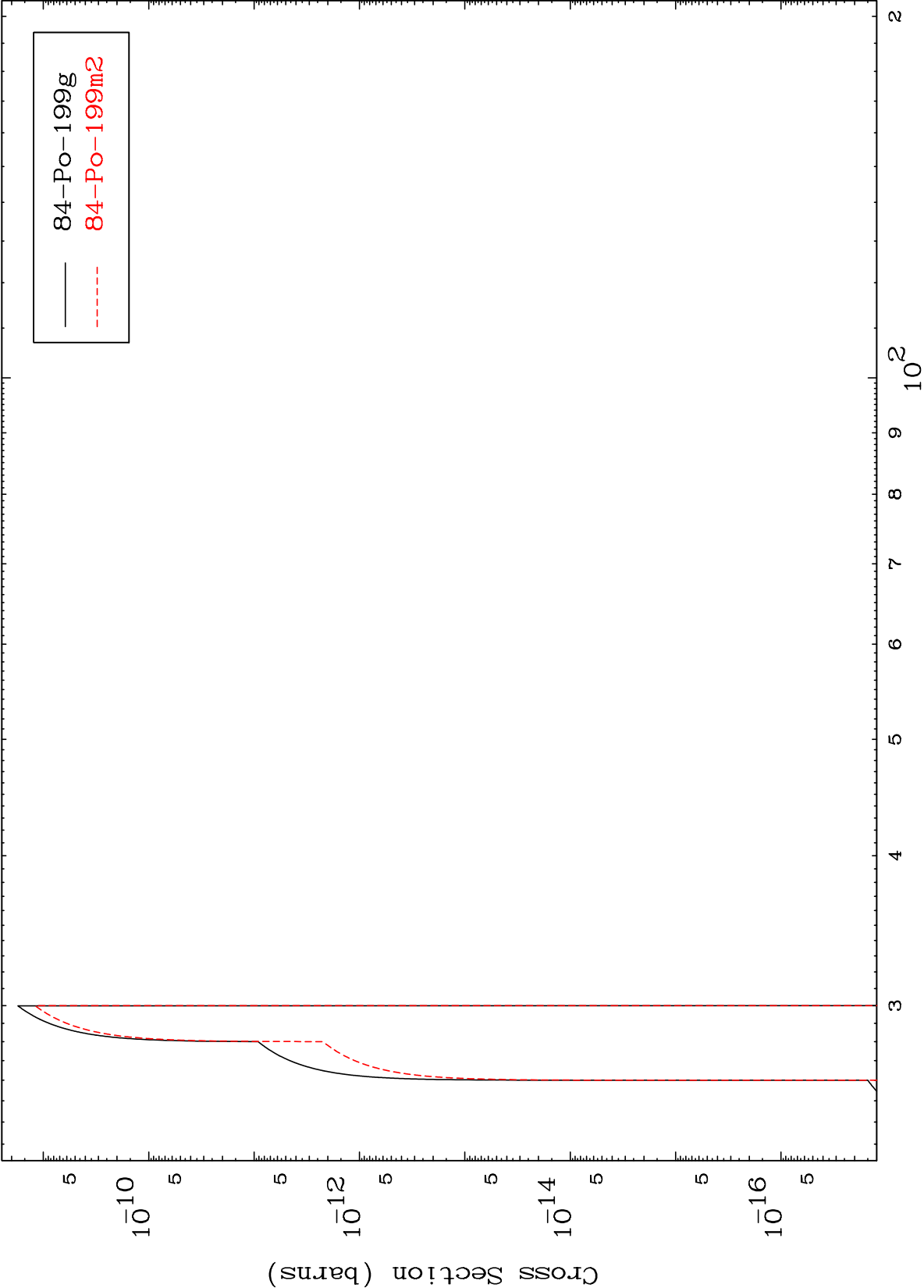


14

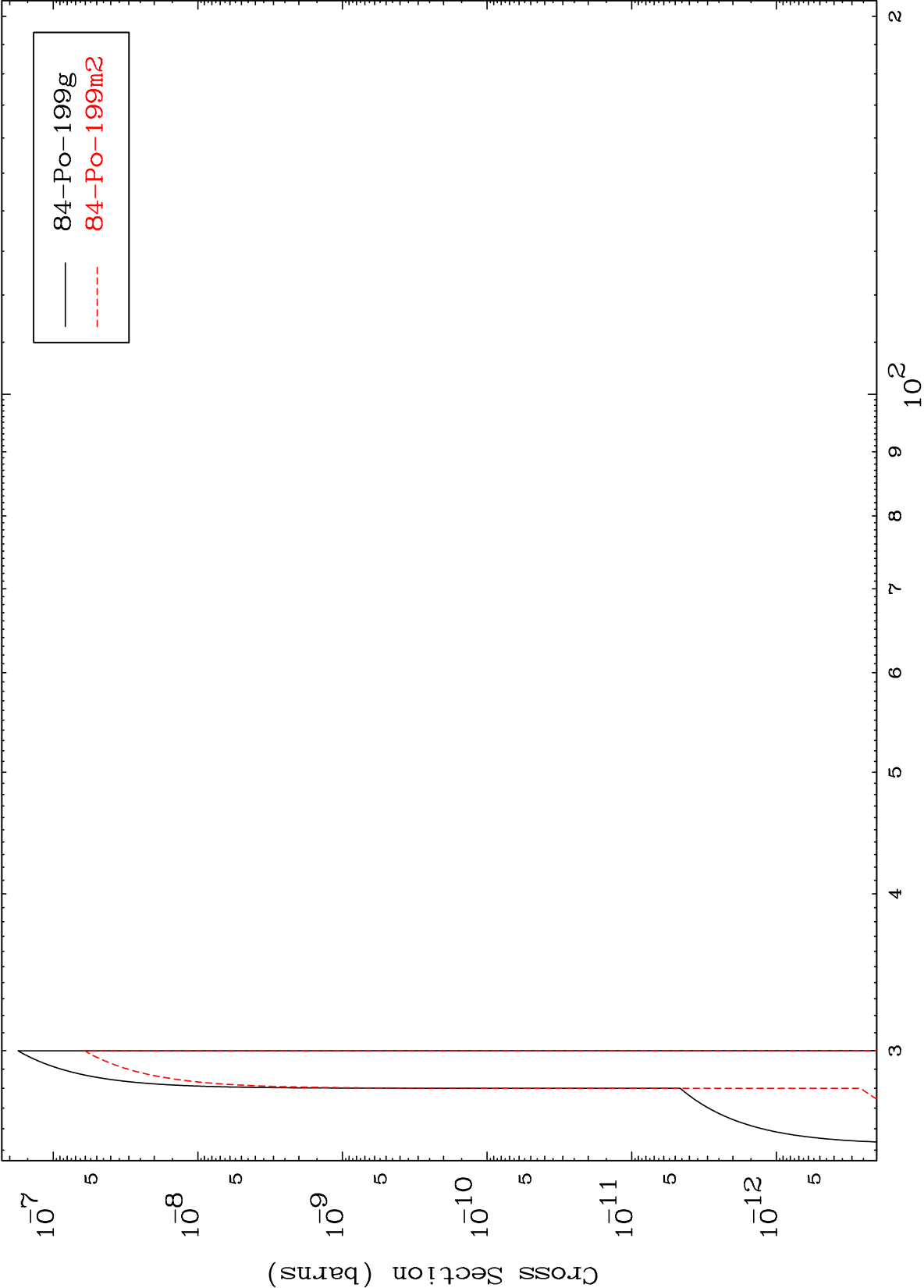
Incident Energy (MeV)

83-Bi-198m

(n,n') d
Radionuclide Production Cross Section



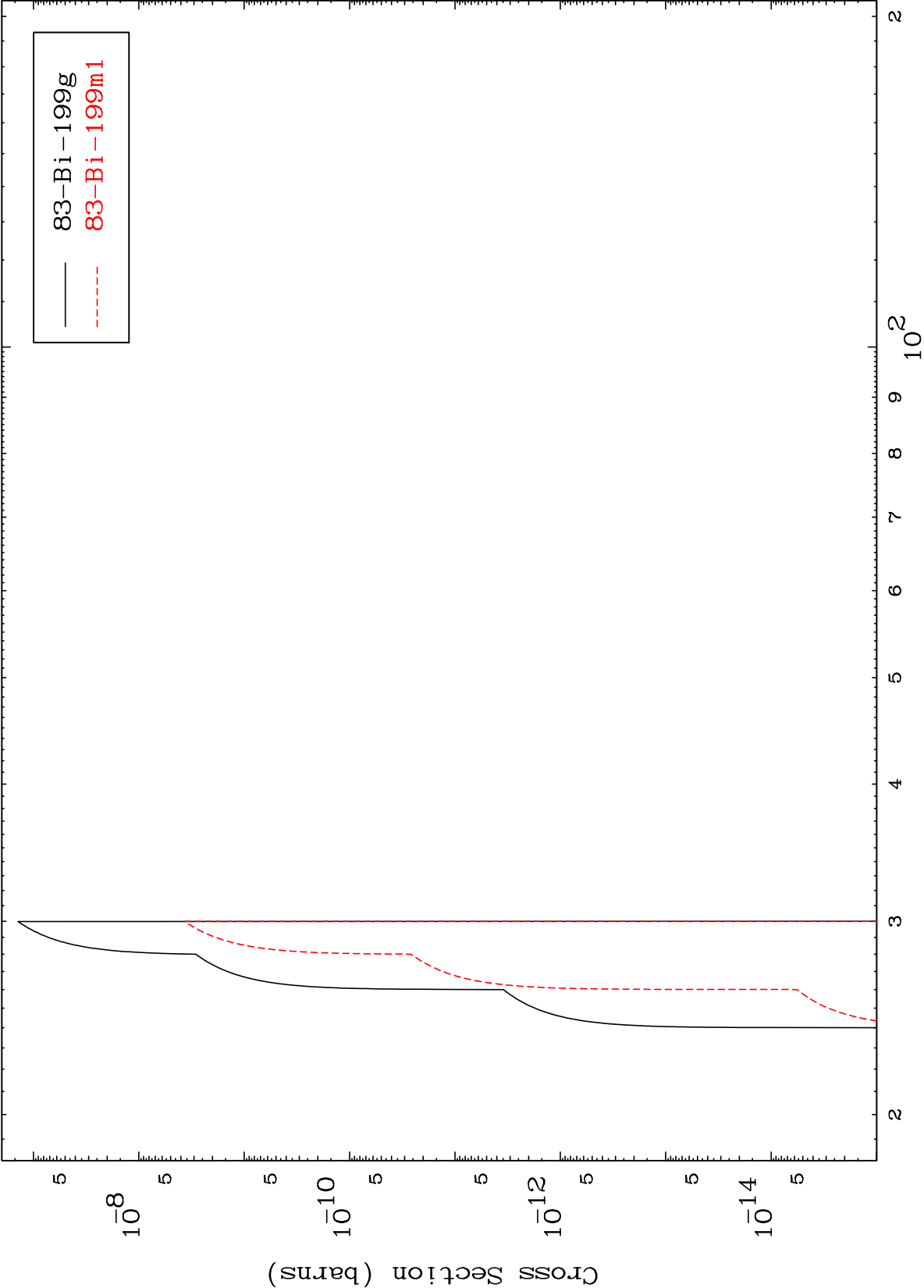
(n,2n) p
Radionuclide Production Cross Section



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83-Bi-198m

(n,2n) p
Radionuclide Production Cross Section



17

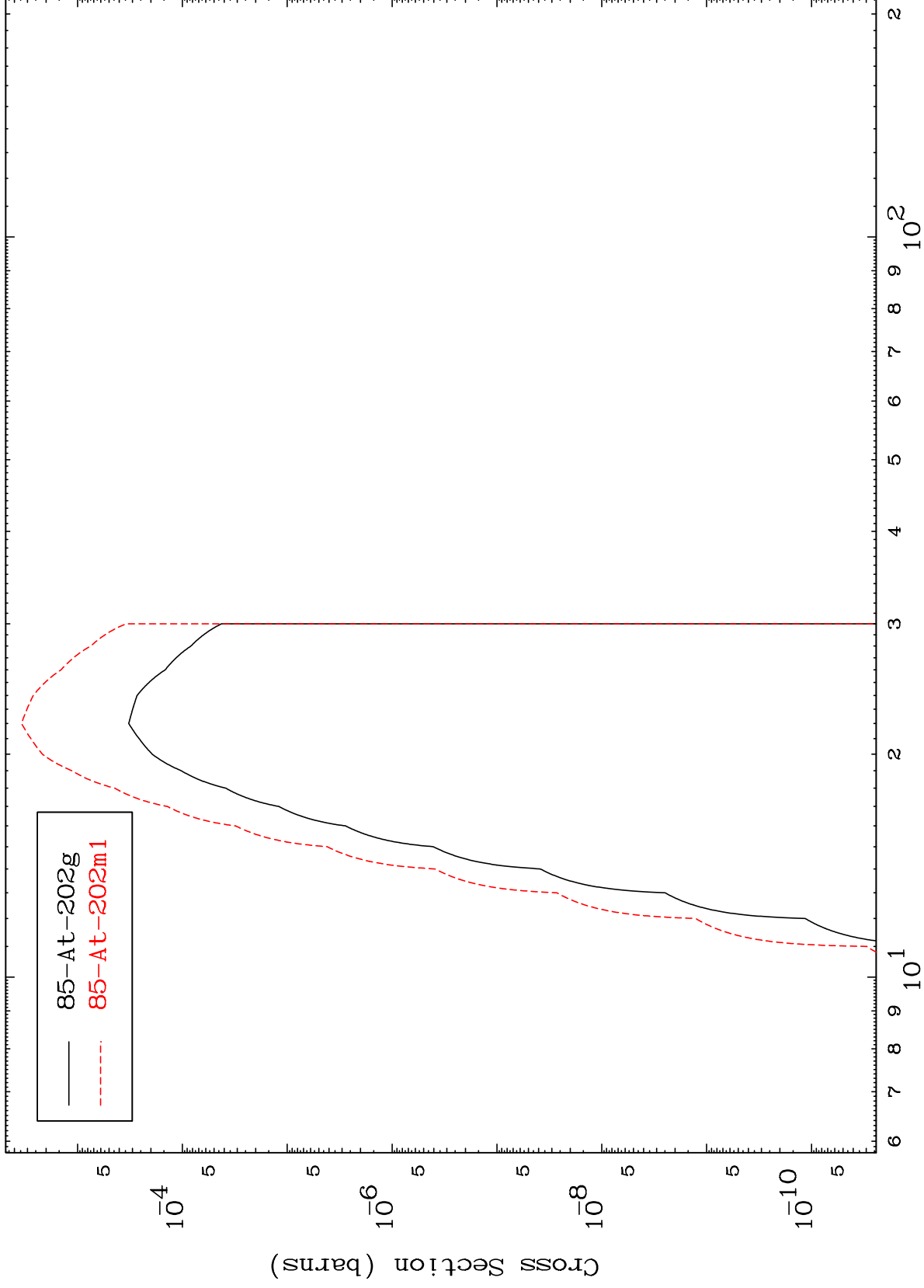
Incident Energy (MeV)

83-Bi-198m

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83-Bi-198m

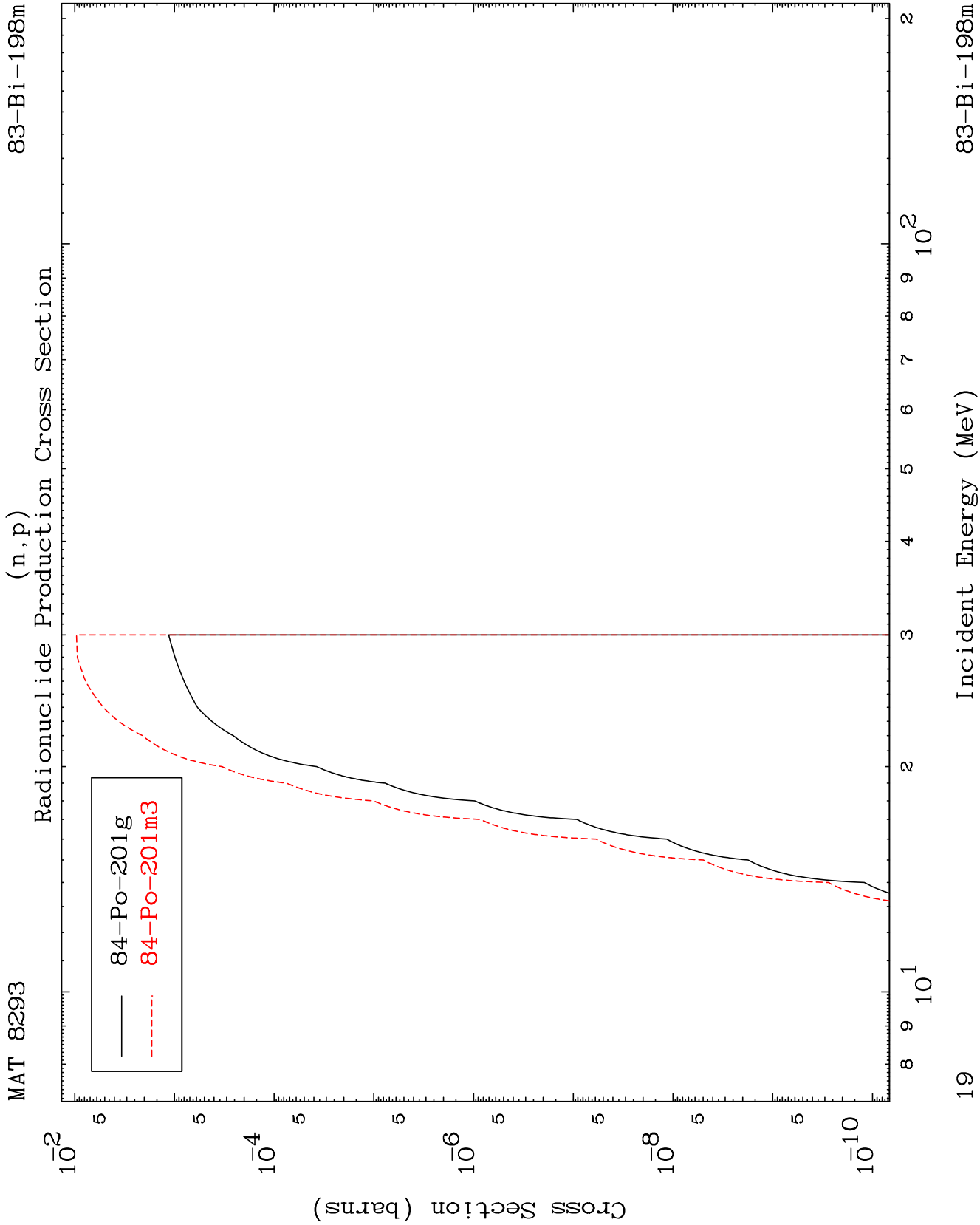
Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-198m

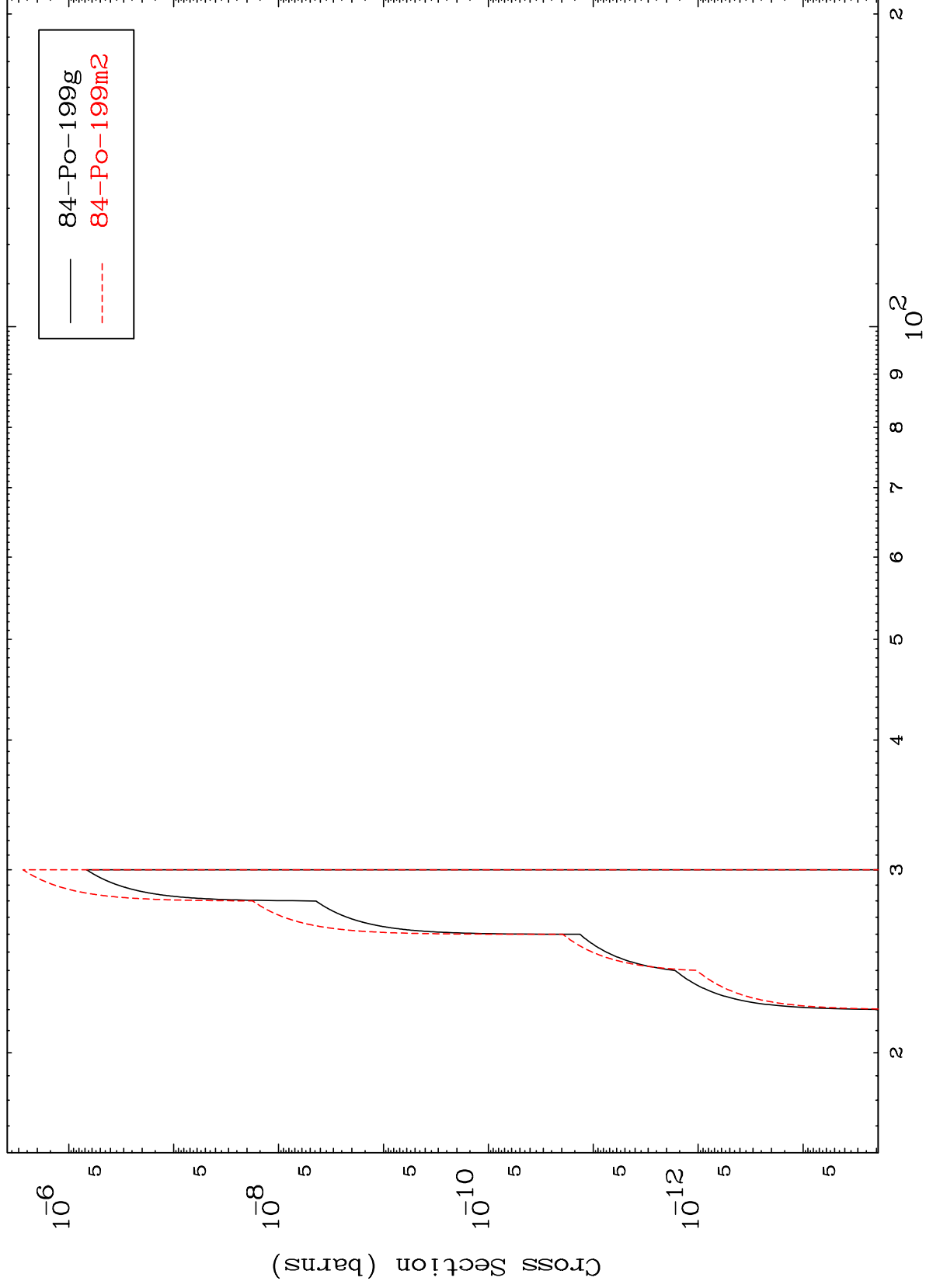
18



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83-Bi-198m

(n,t)
Radionuclide Production Cross Section

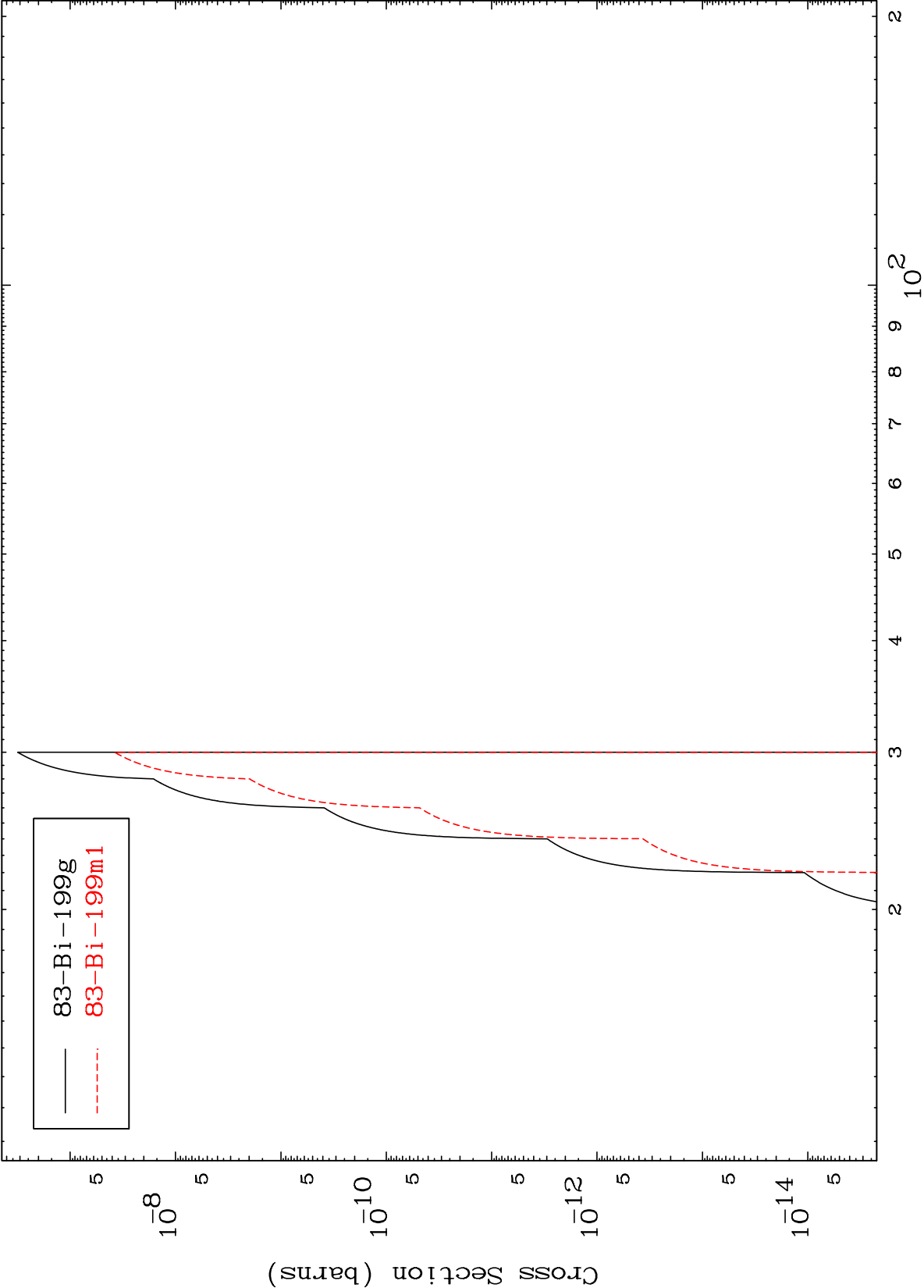


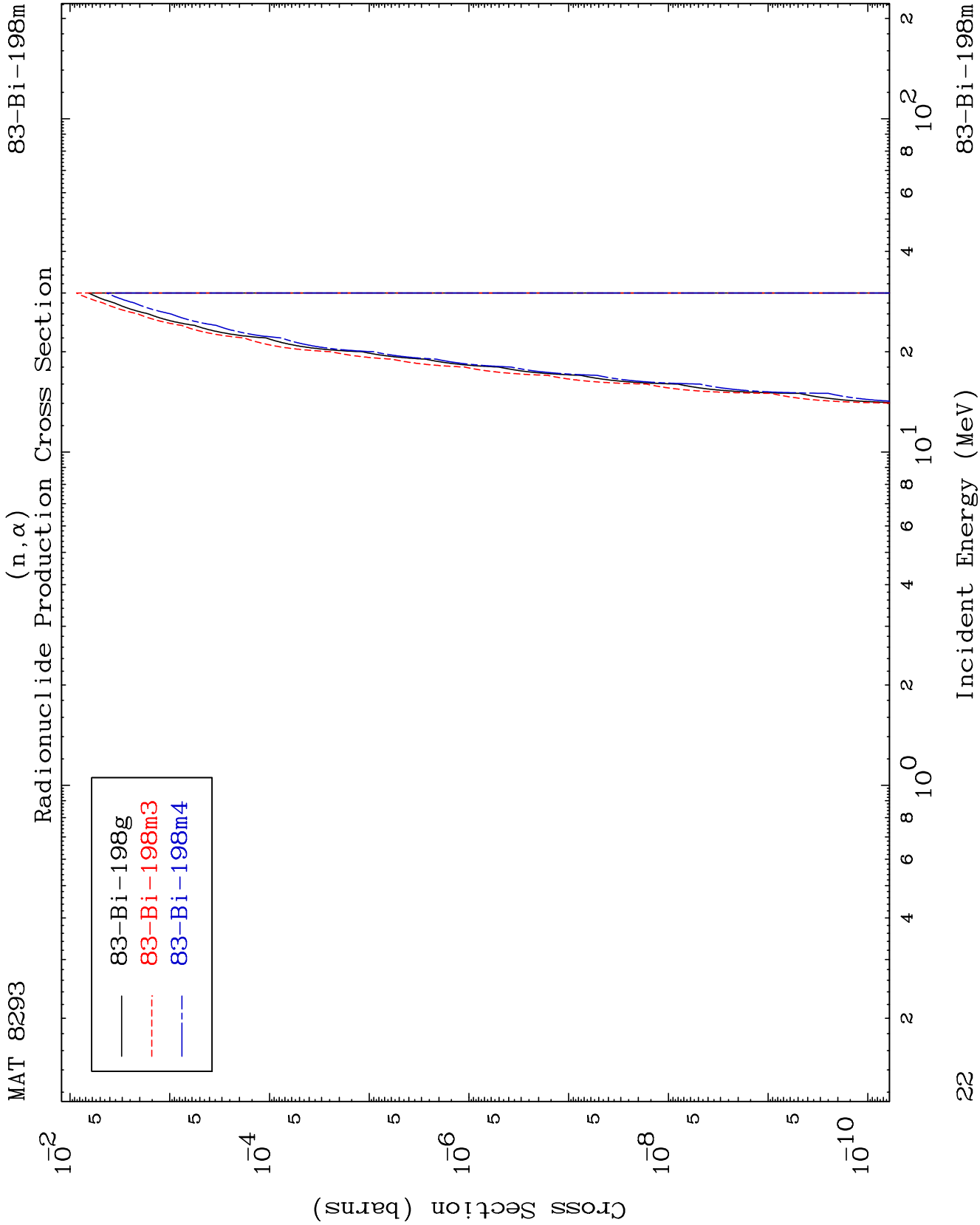
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Incident Energy (MeV)

83-Bi-198m

Radionuclide Production Cross Section

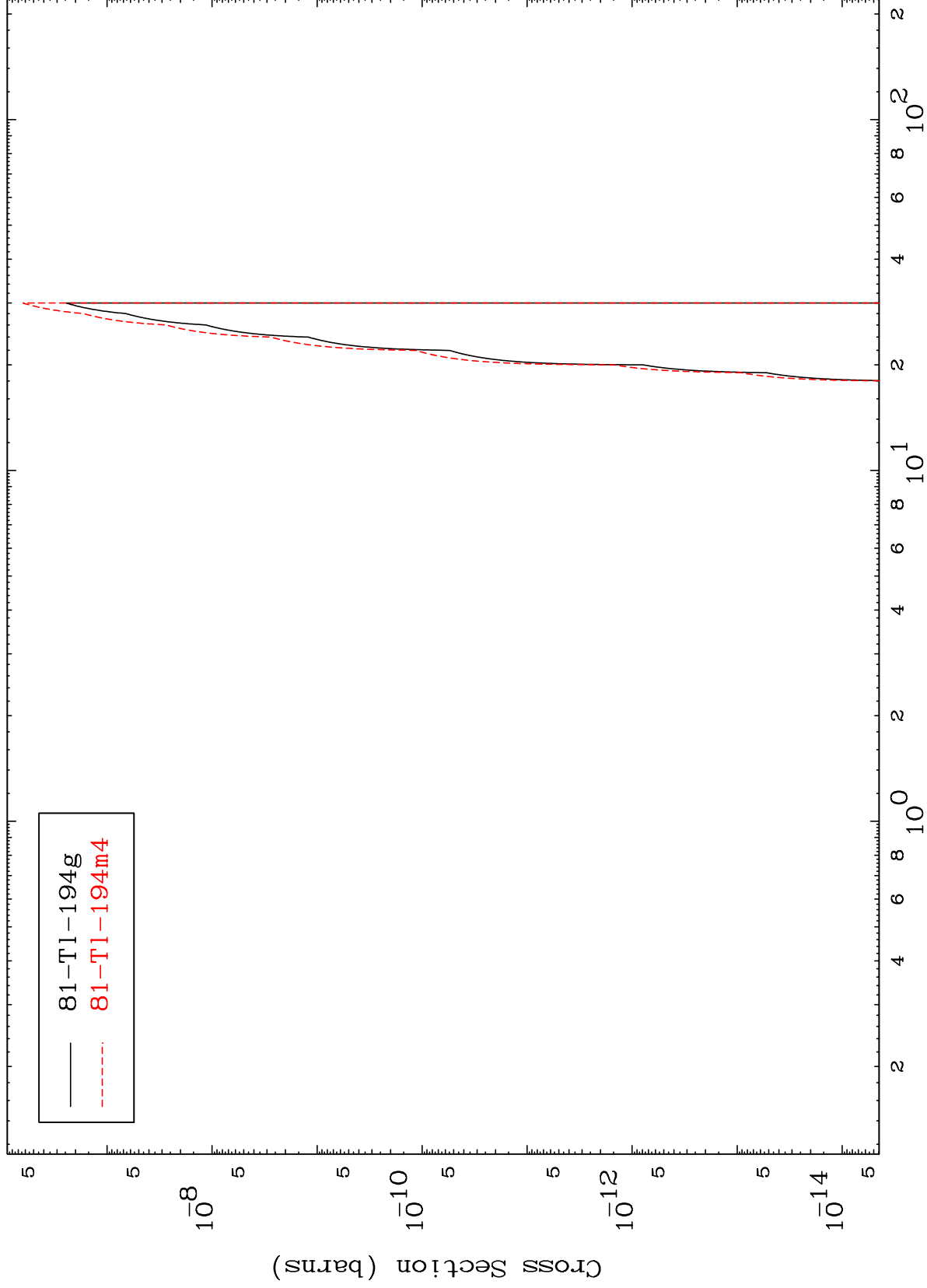




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83-Bi-198m

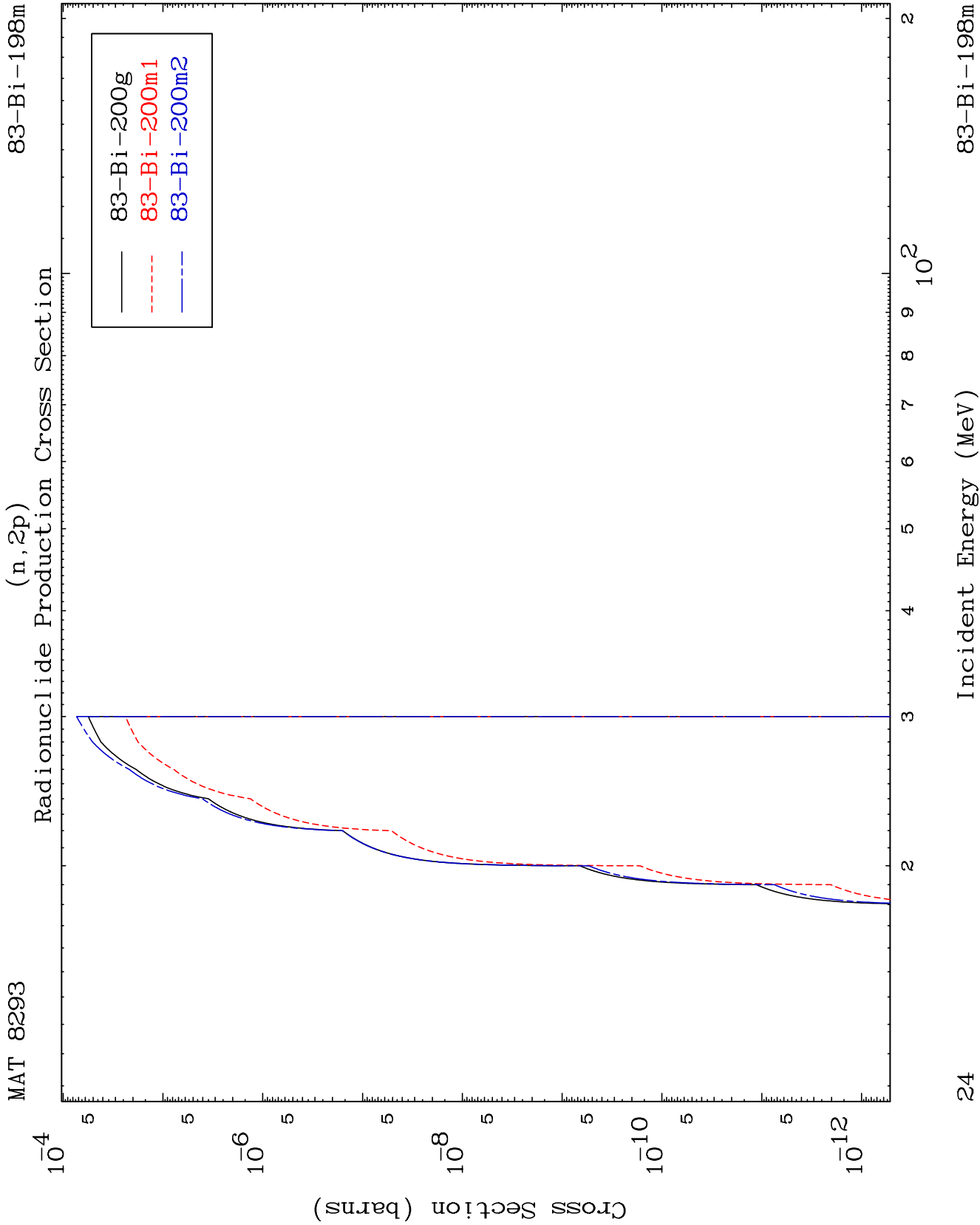
Radionuclide Production Cross Section
(n,2 α)



23

Incident Energy (MeV)

83-Bi-198m

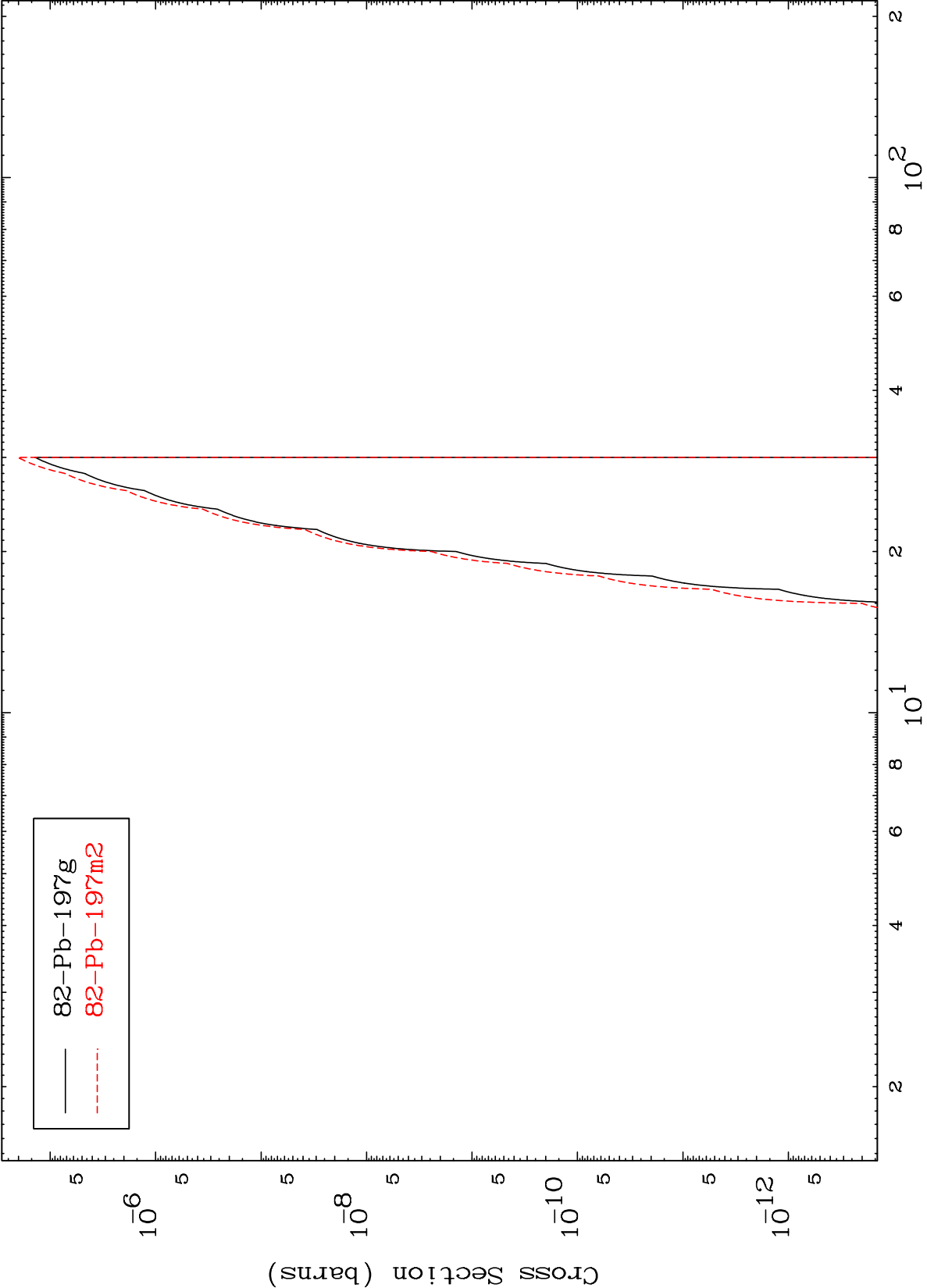


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(n,p) α

83-Bi-198m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

83-Bi-198m

(n,p) d
Radionuclide Production Cross Section

