

Program EVALPLOT
(Version 2021-1)

by

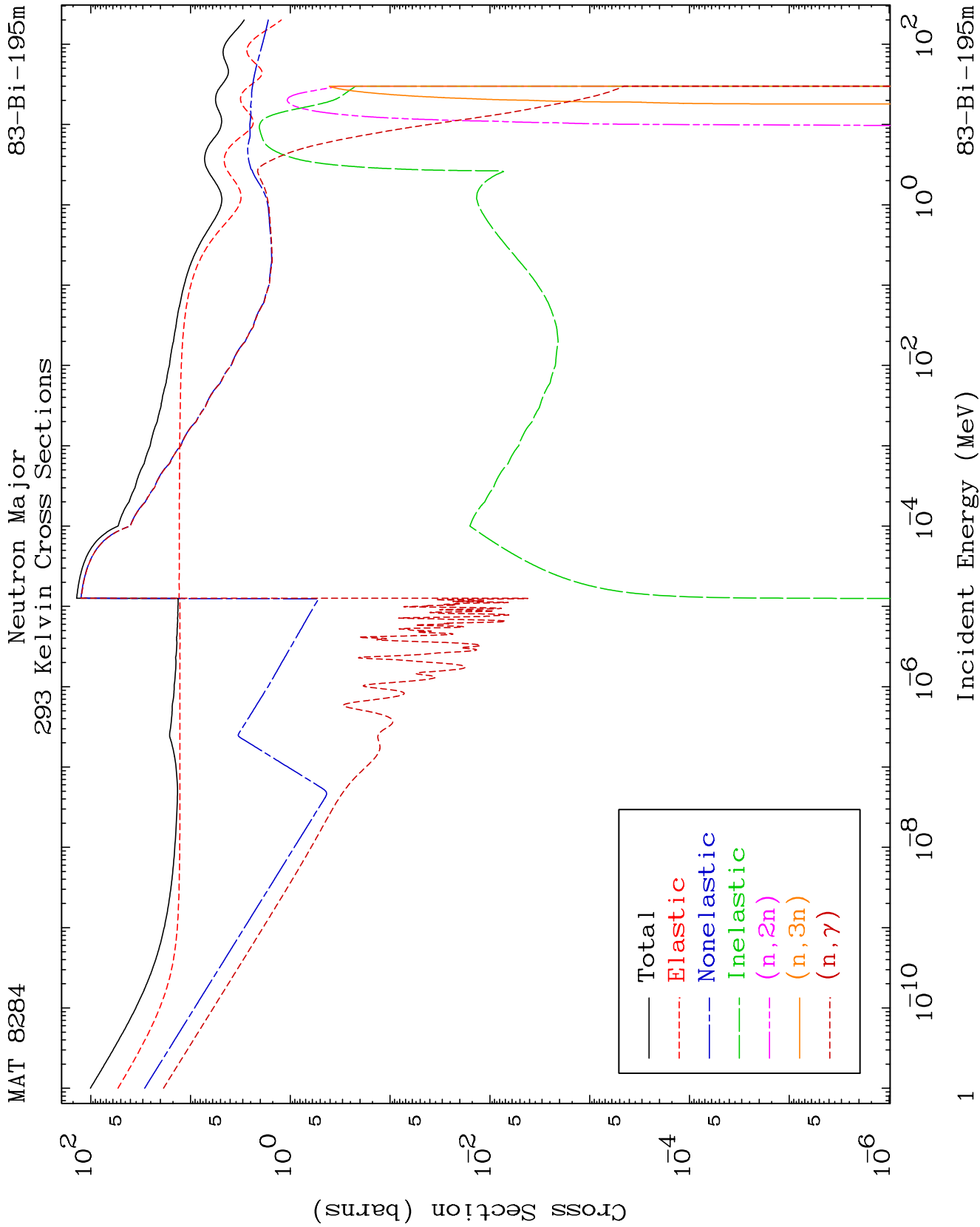
Dermott E. Cullen
(Present Contact Information)

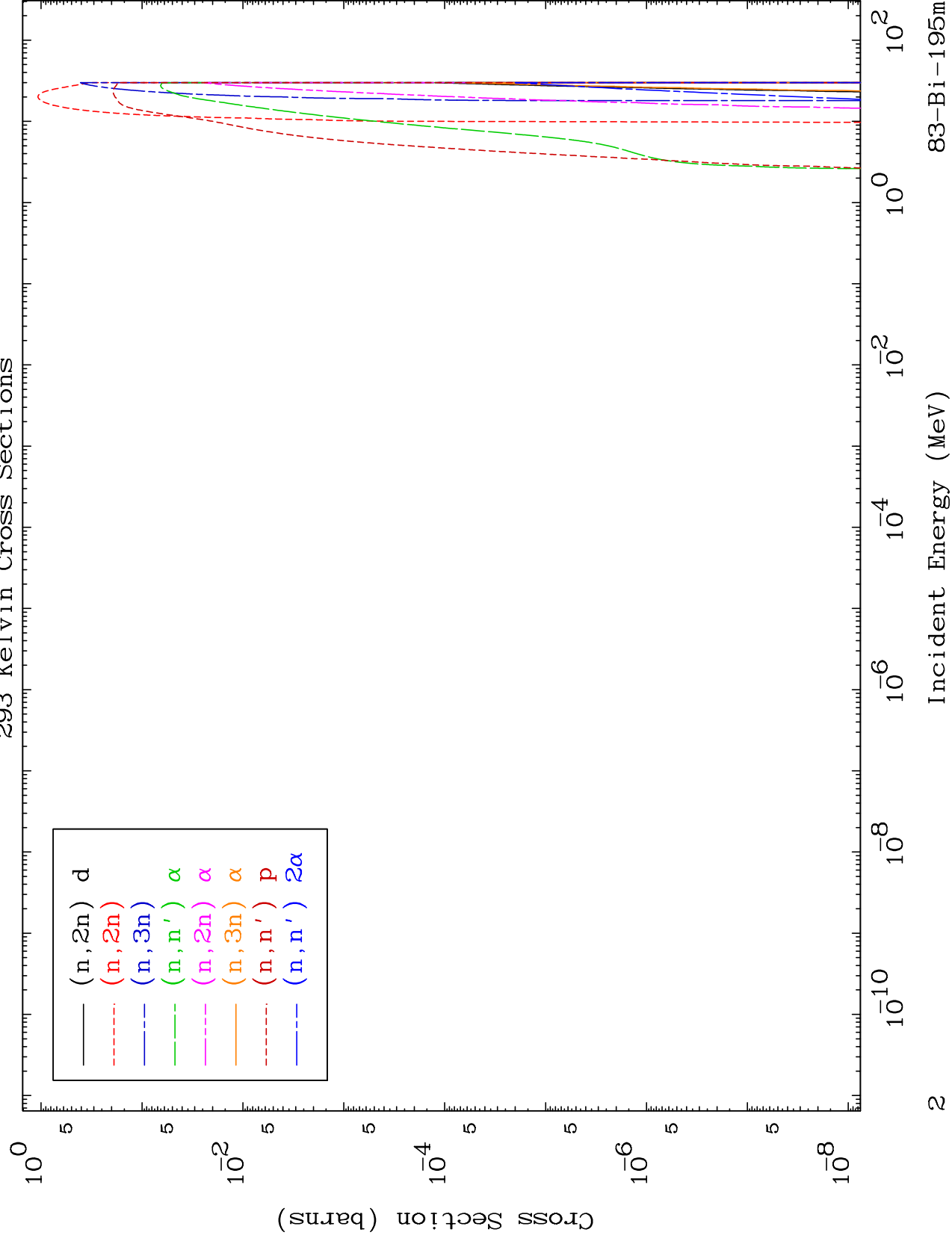
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

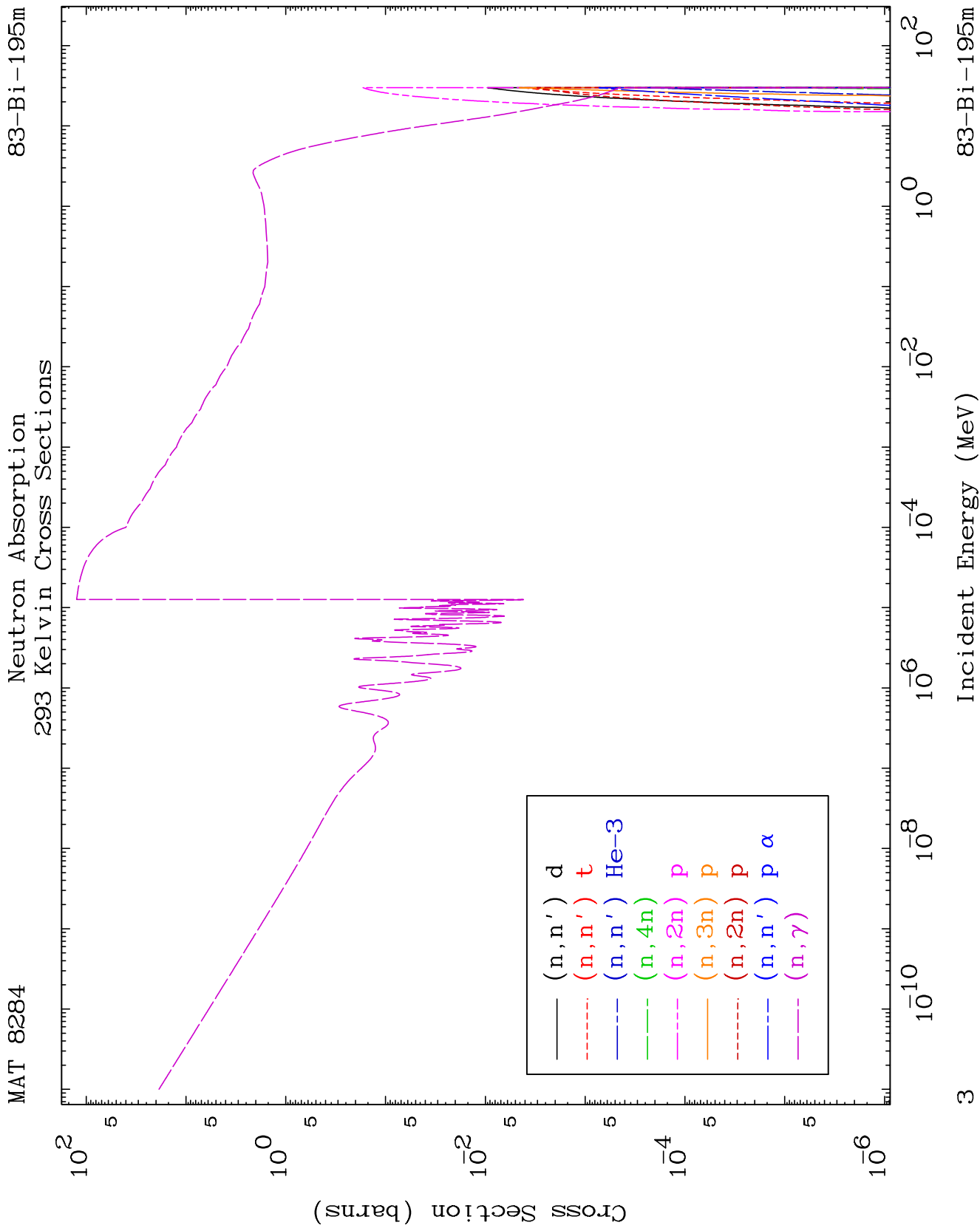
Tele: 925-443-1911

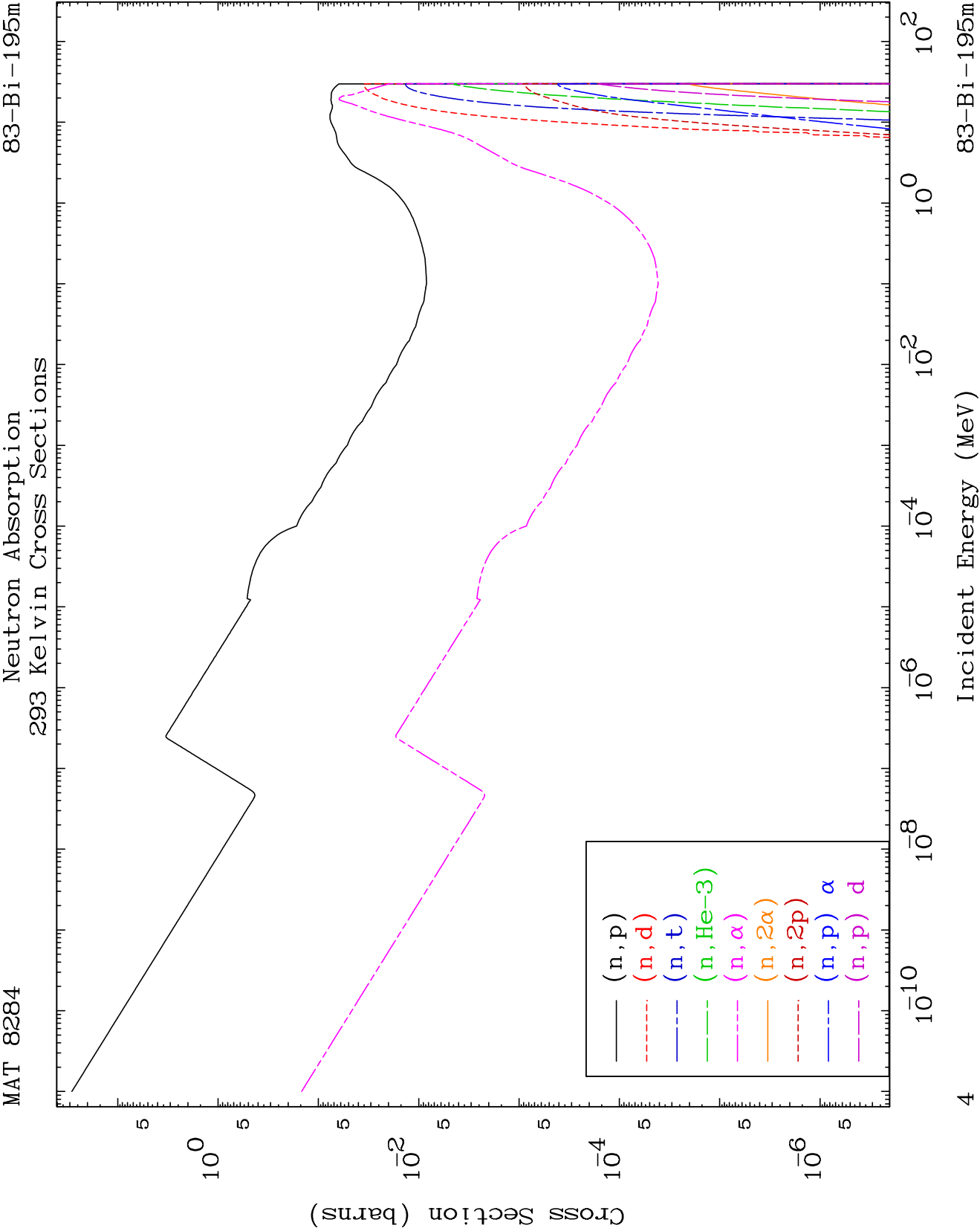
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

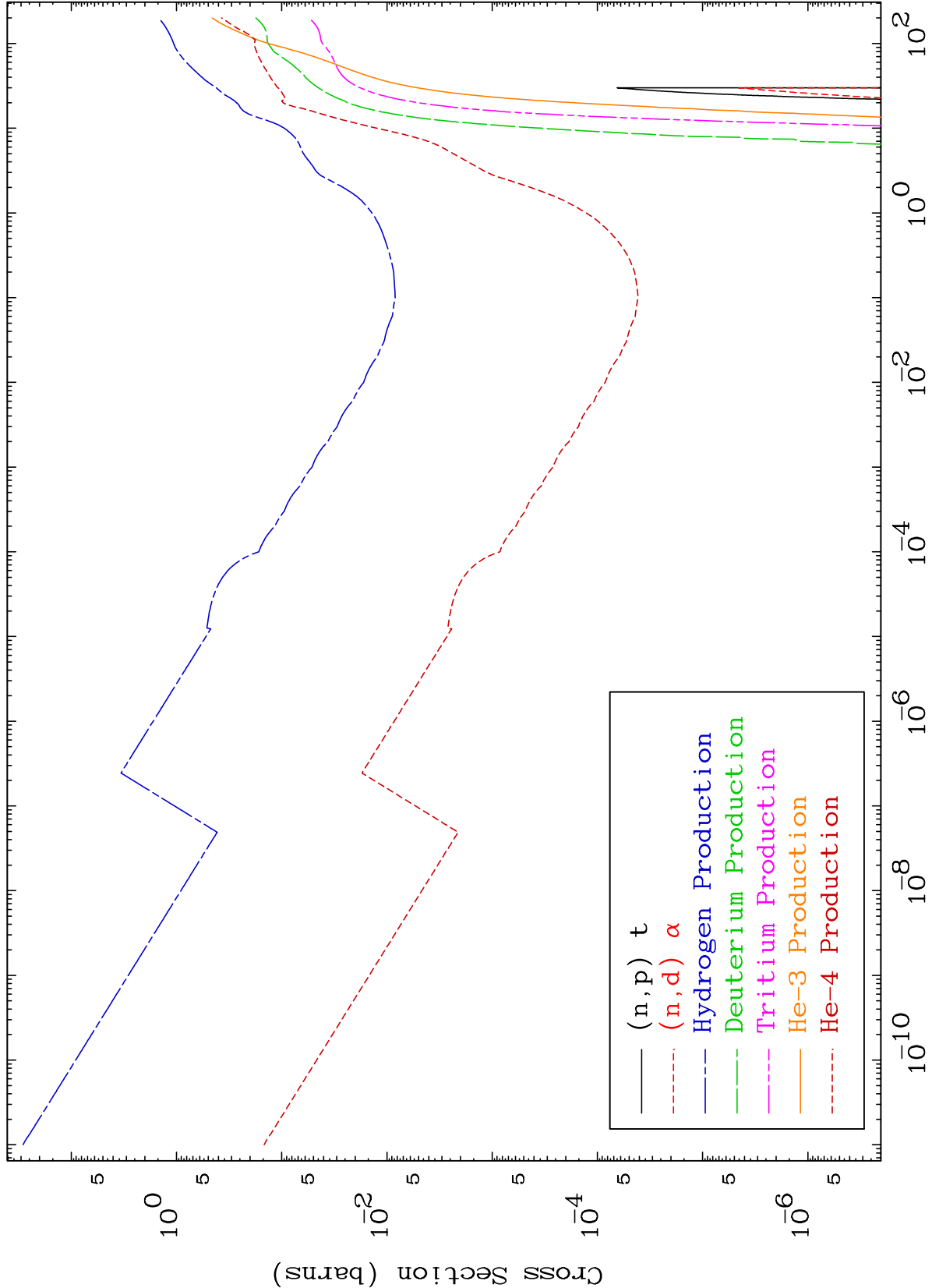
Press Mouse Button to Start







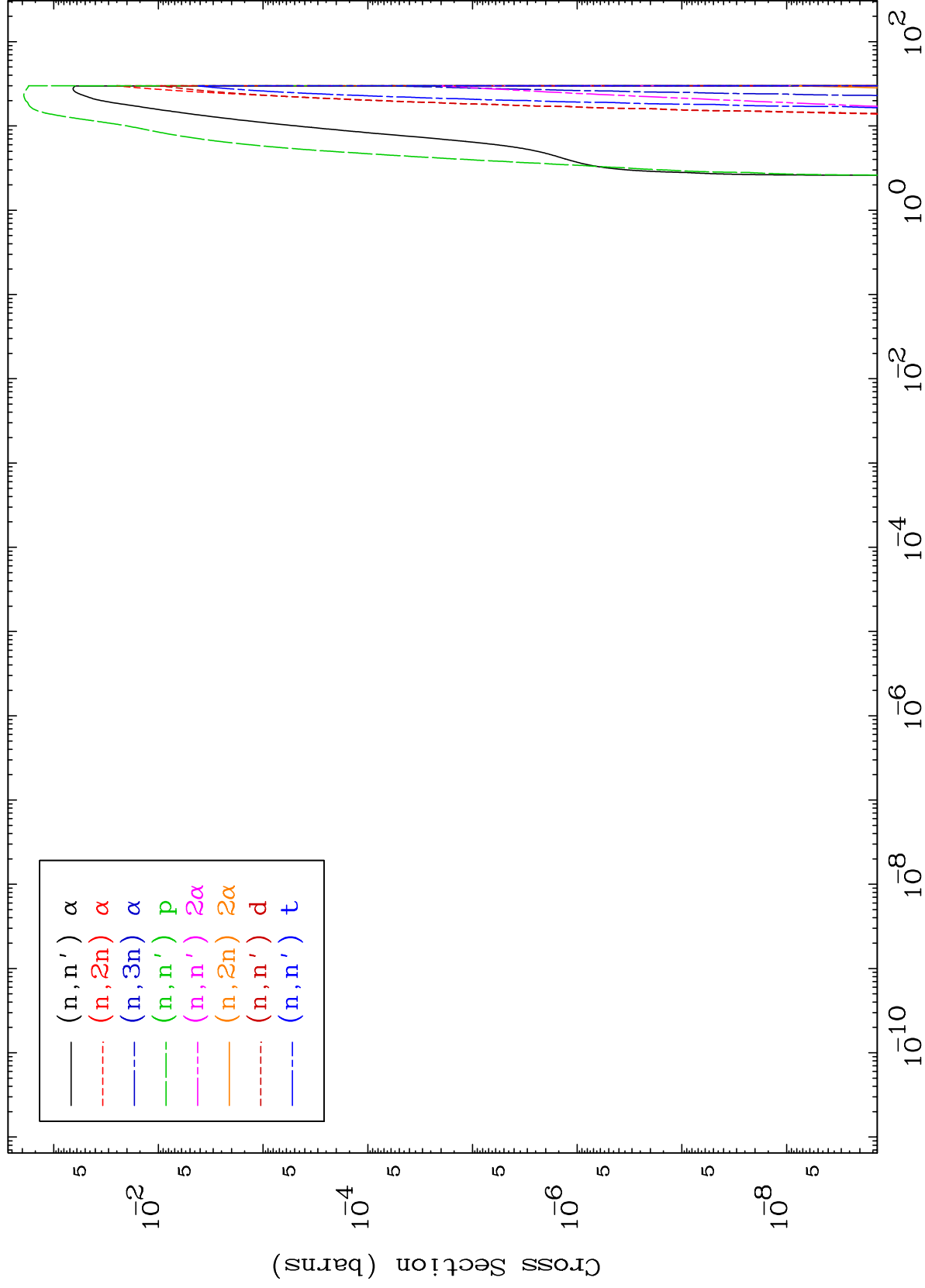


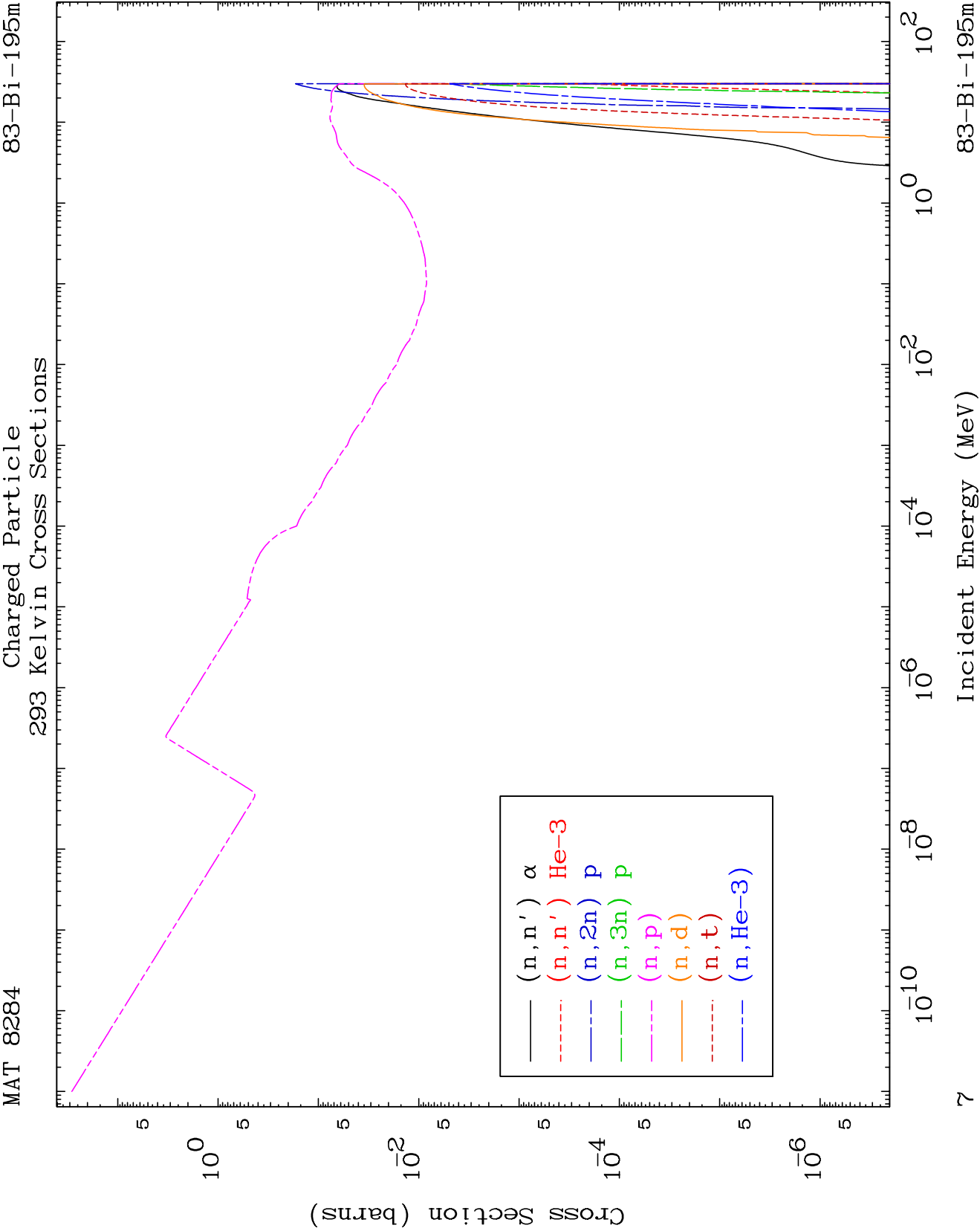


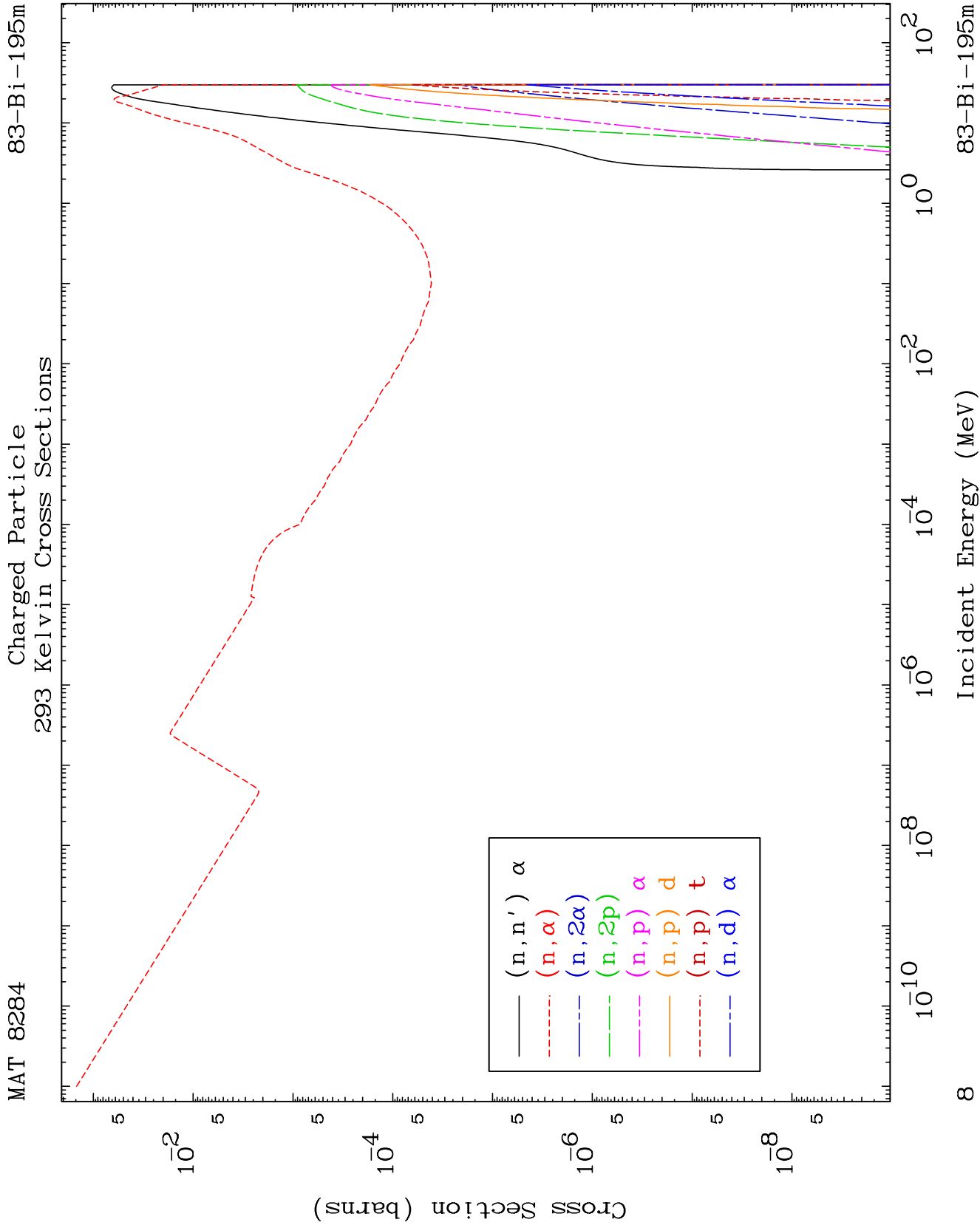
MAT 8284

Charged Particle
293 Kelvin Cross Sections

83-Bi-195m



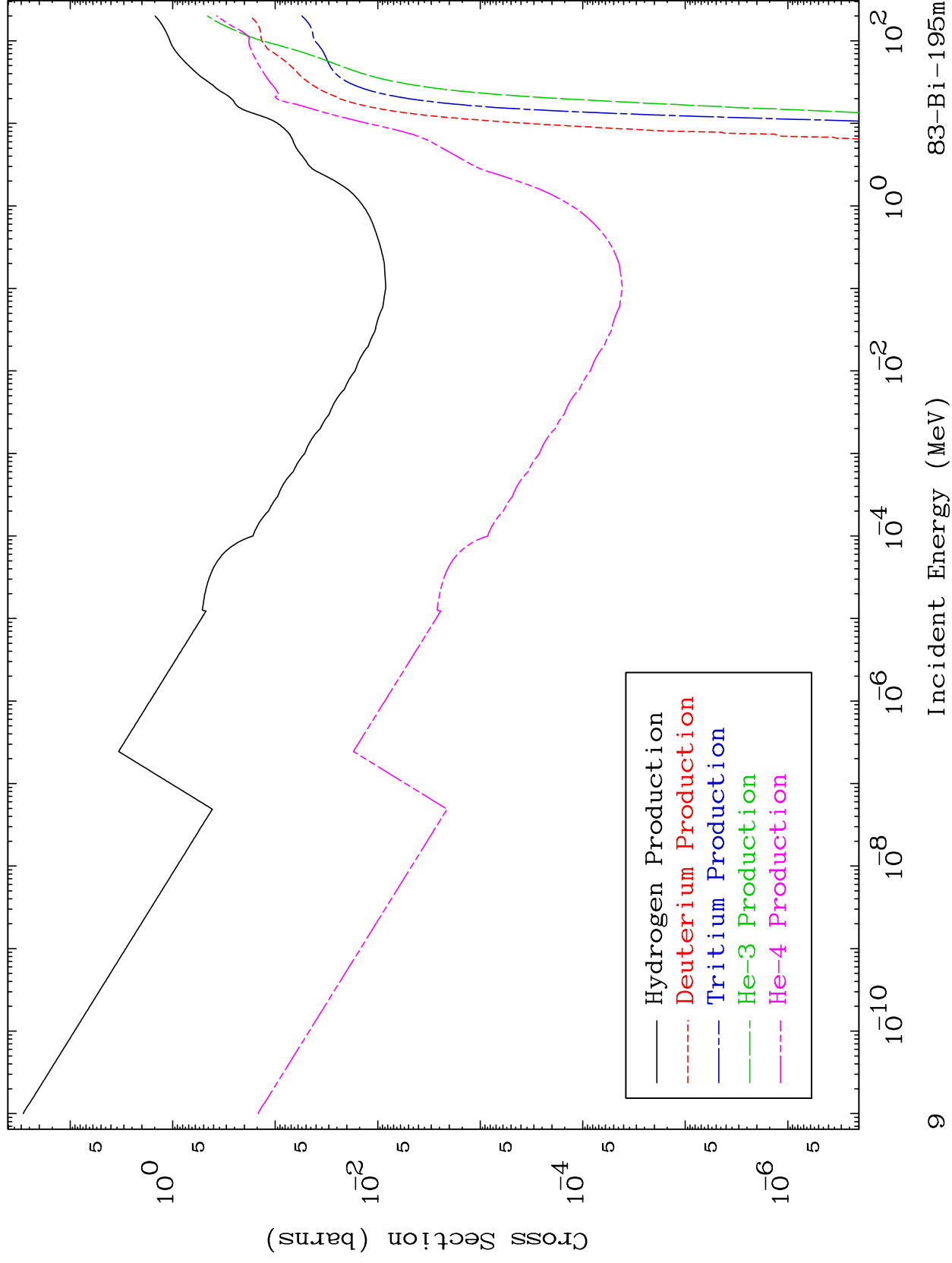




MAT 8284

Particle Production
293 Kelvin Cross Sections

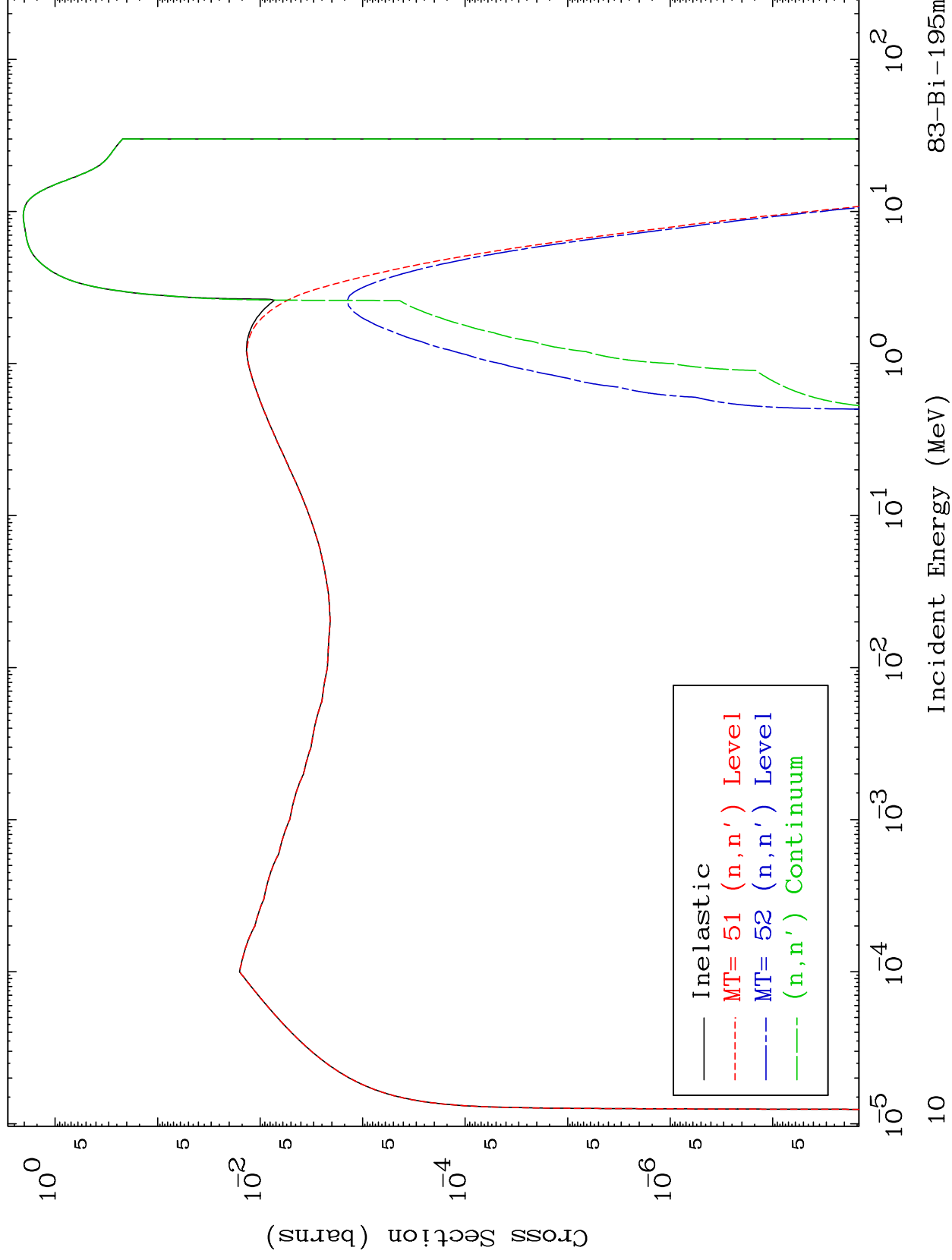
83-Bi-195m



MAT 8284

(n,n') Levels
293 Kelvin Cross Sections

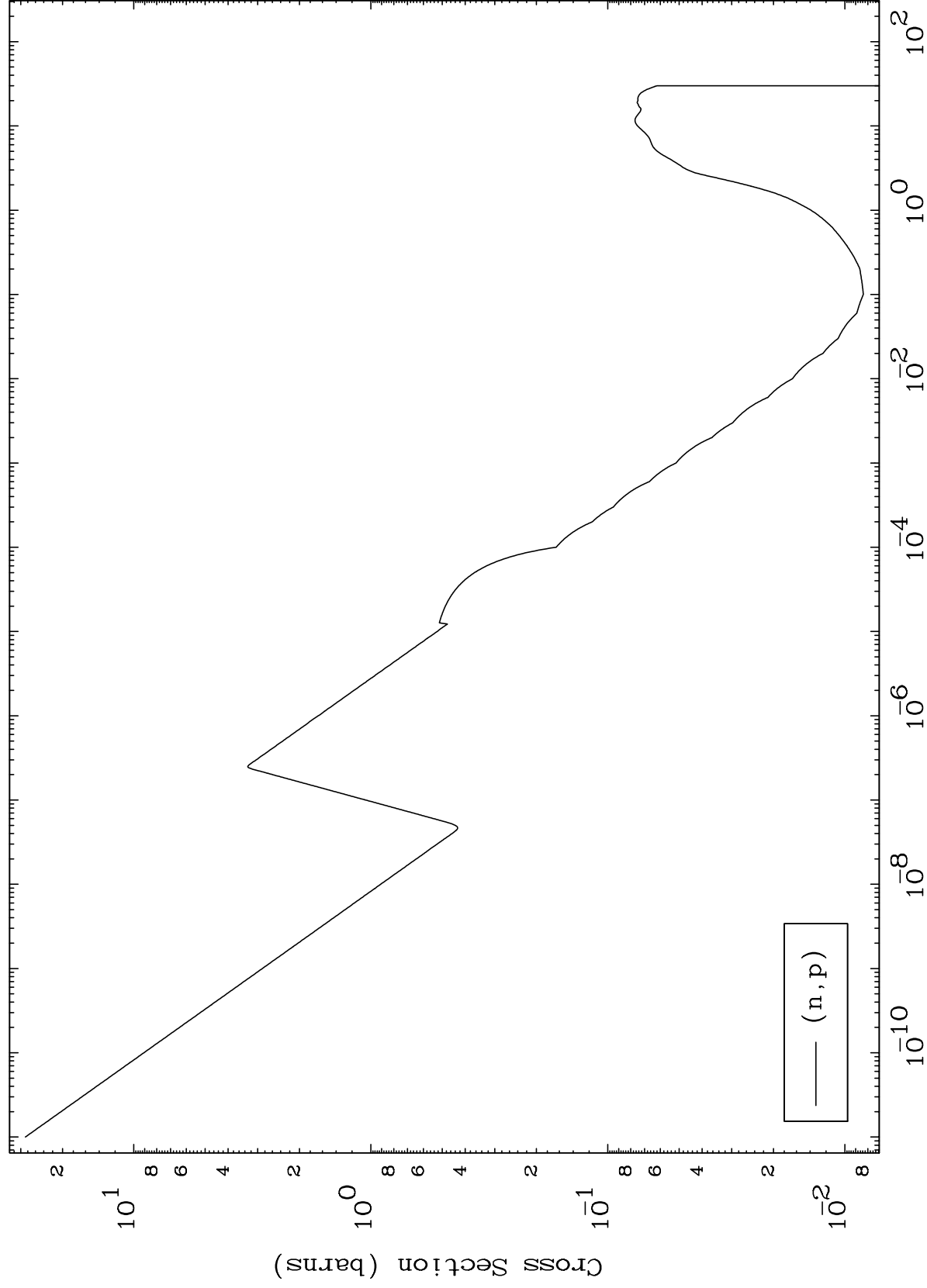
83-Bi-195m



MAT 8284

(n,p) Levels
293 Kelvin Cross Sections

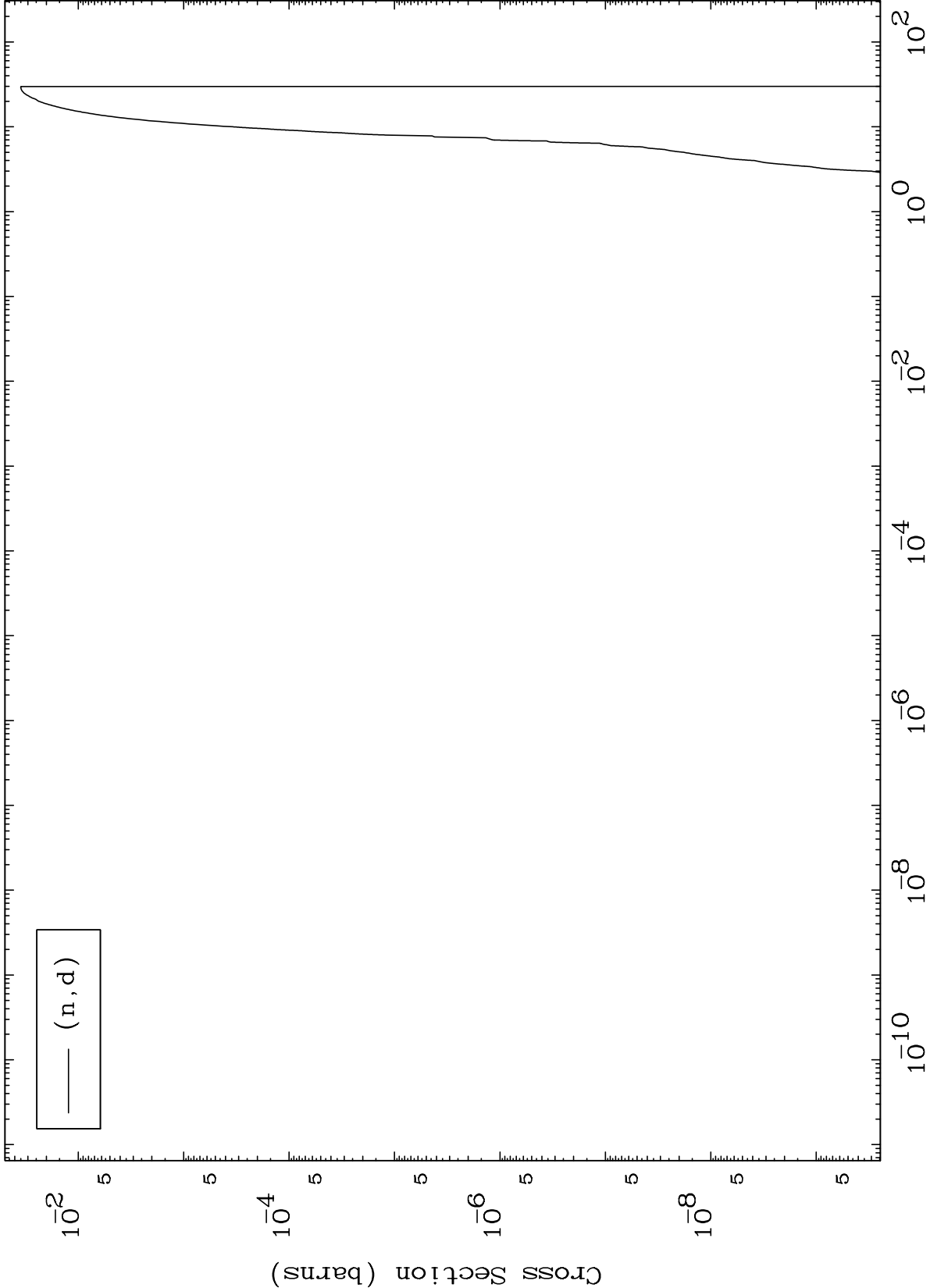
83-Bi-195m



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(n,d) Levels
293 Kelvin Cross Sections

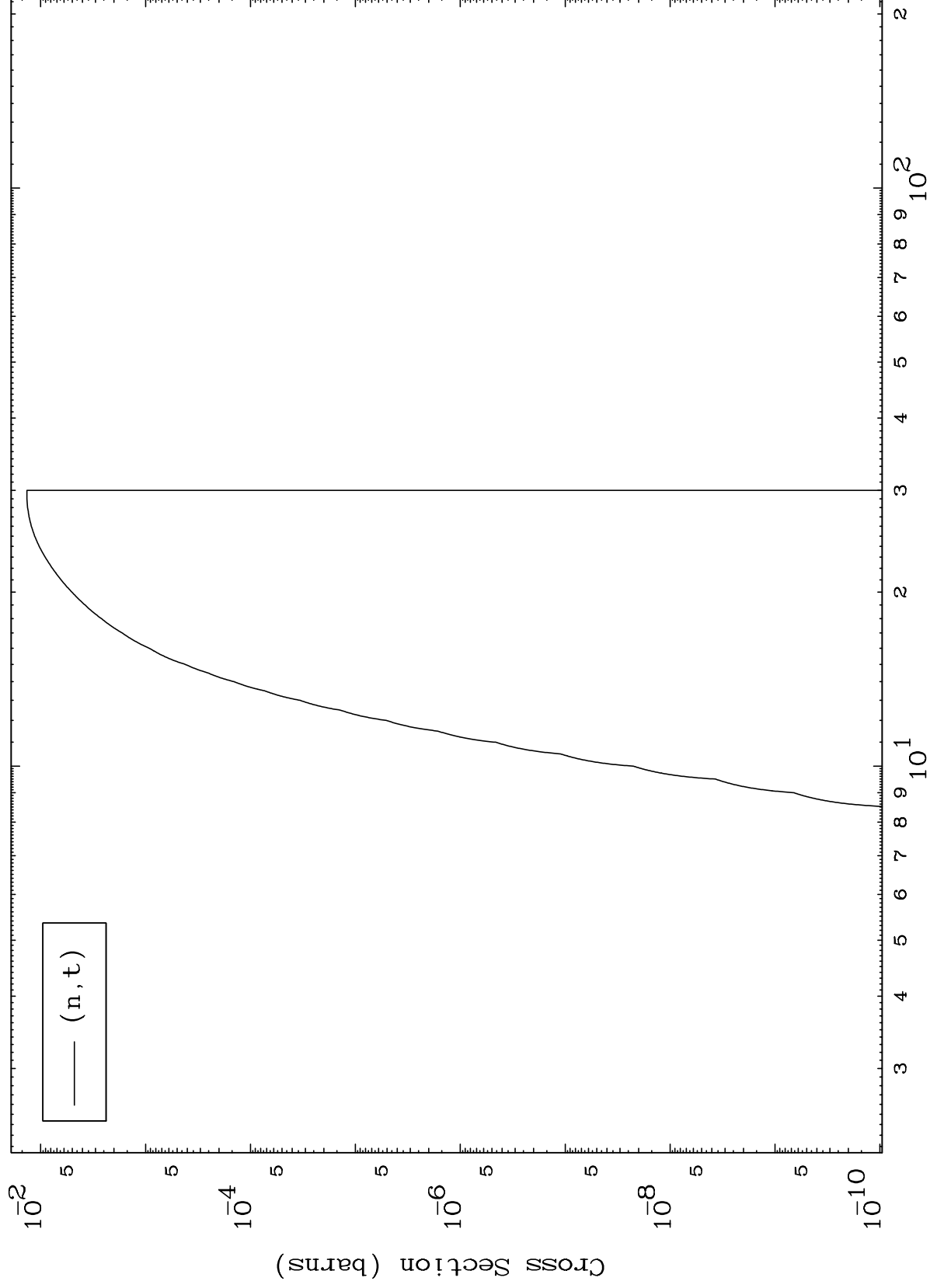
83-Bi-195m



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83-Bi-195m

(n,t) Levels
293 Kelvin Cross Sections



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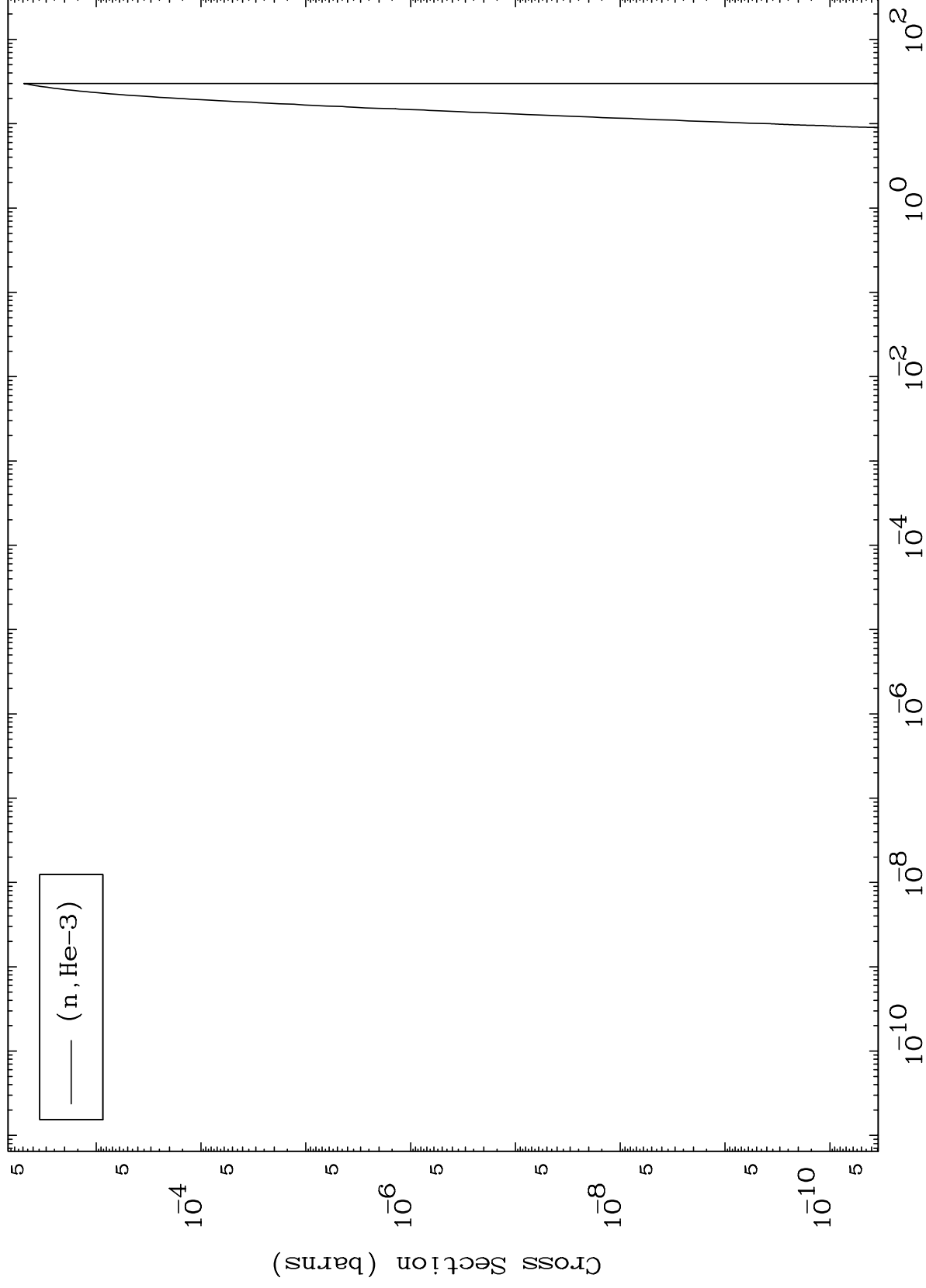
Incident Energy (MeV)

83-Bi-195m

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(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-195m



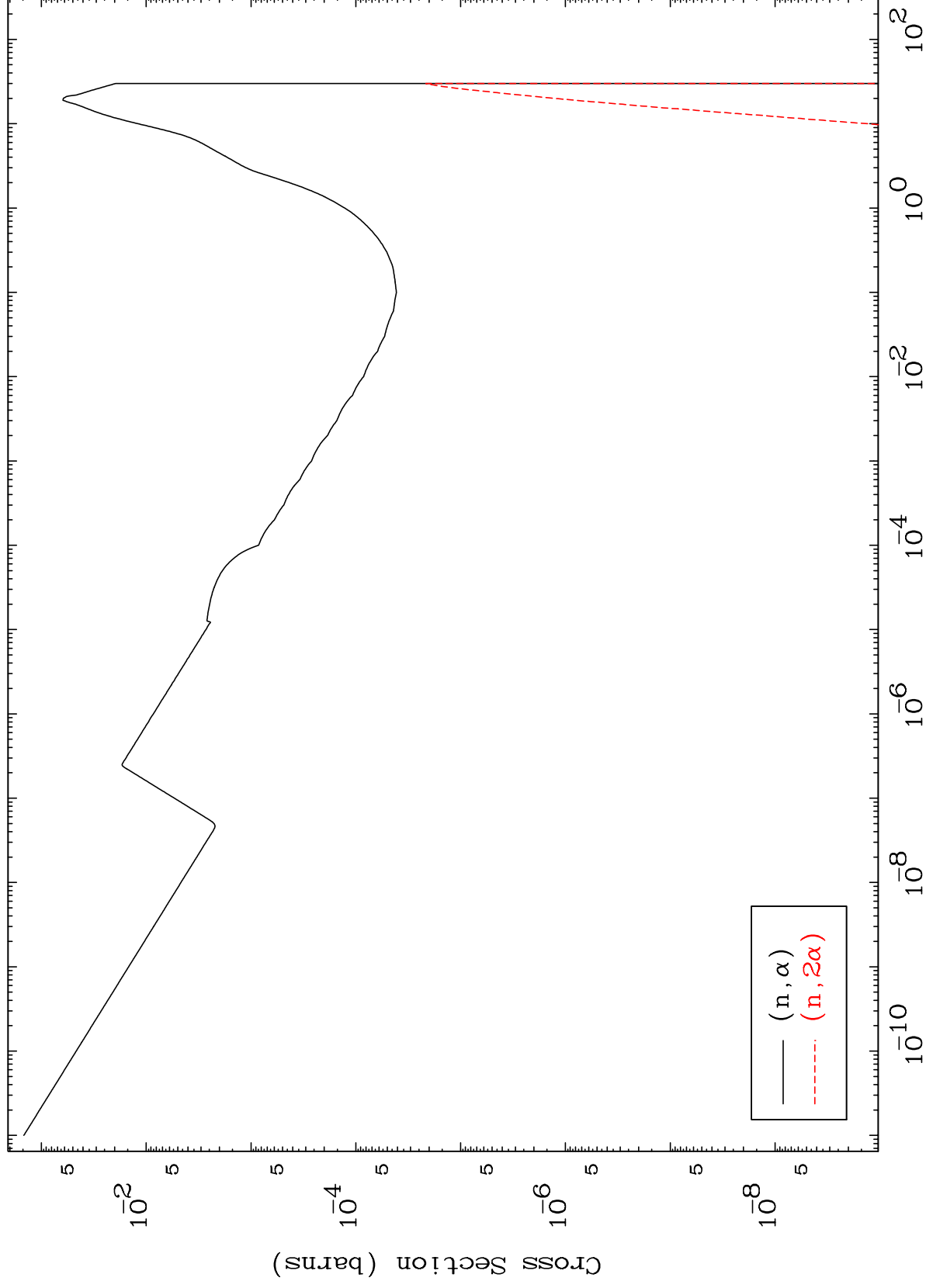
14

83-Bi-195m

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(n, α) Levels
293 Kelvin Cross Sections

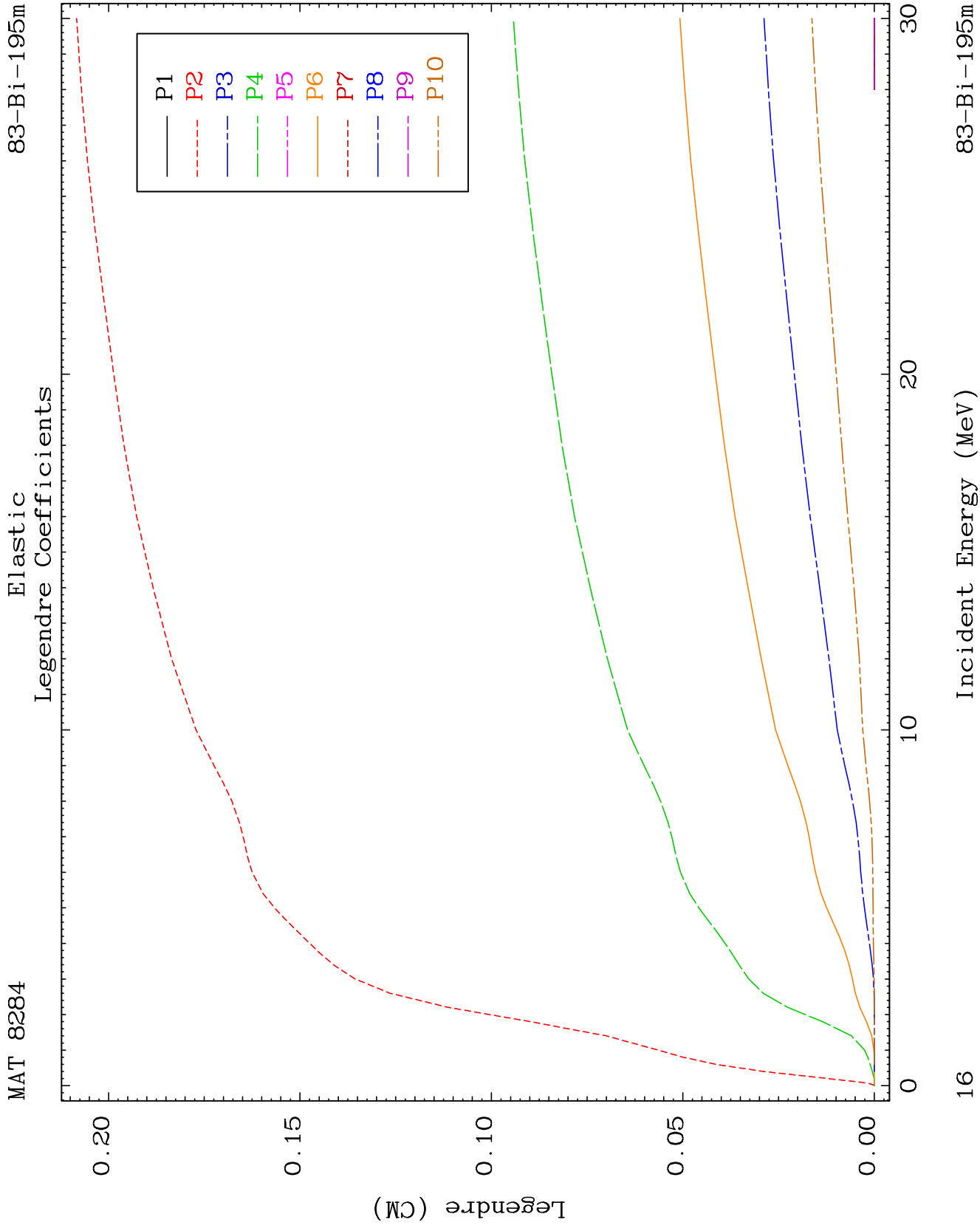
83-Bi-195m

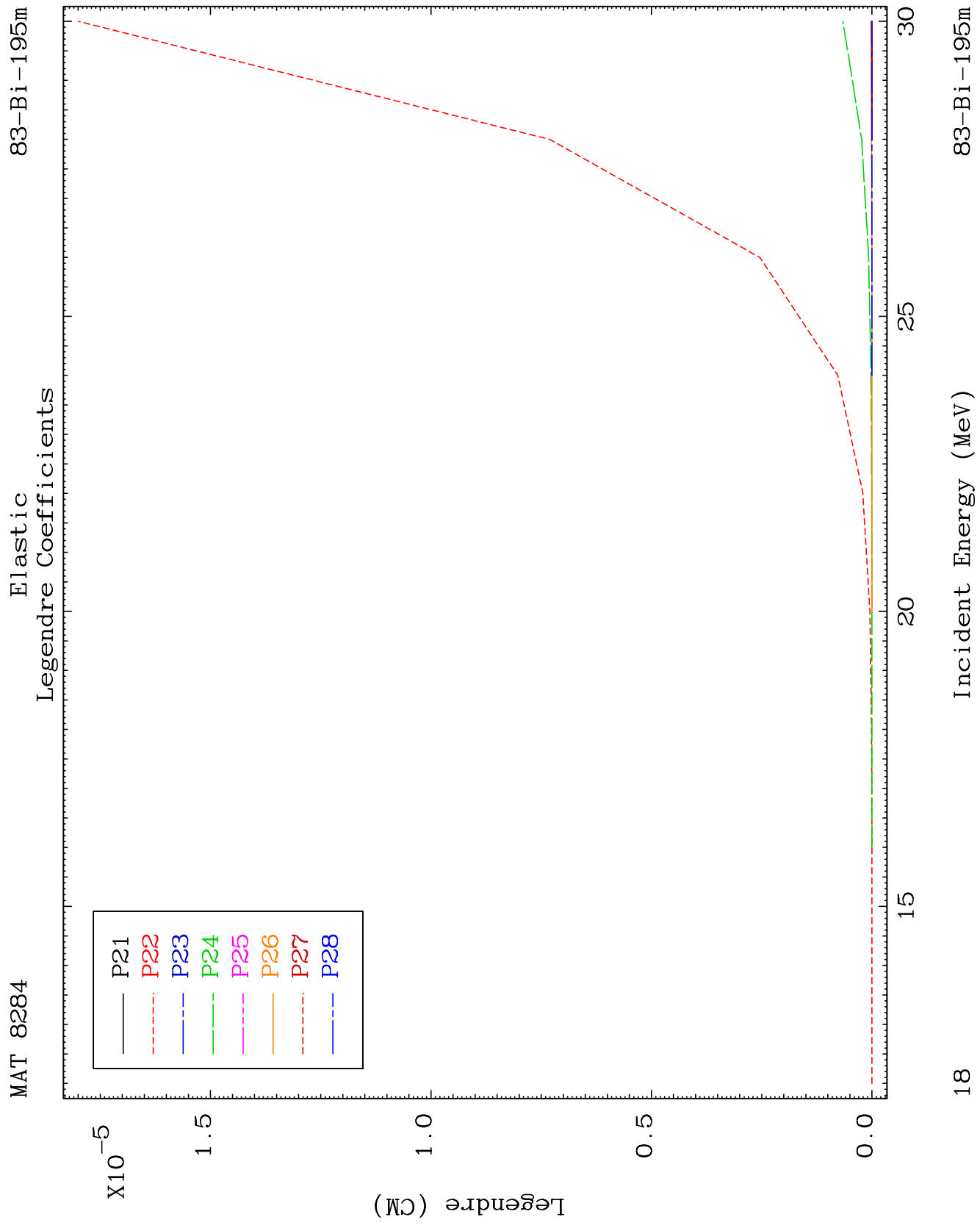


15

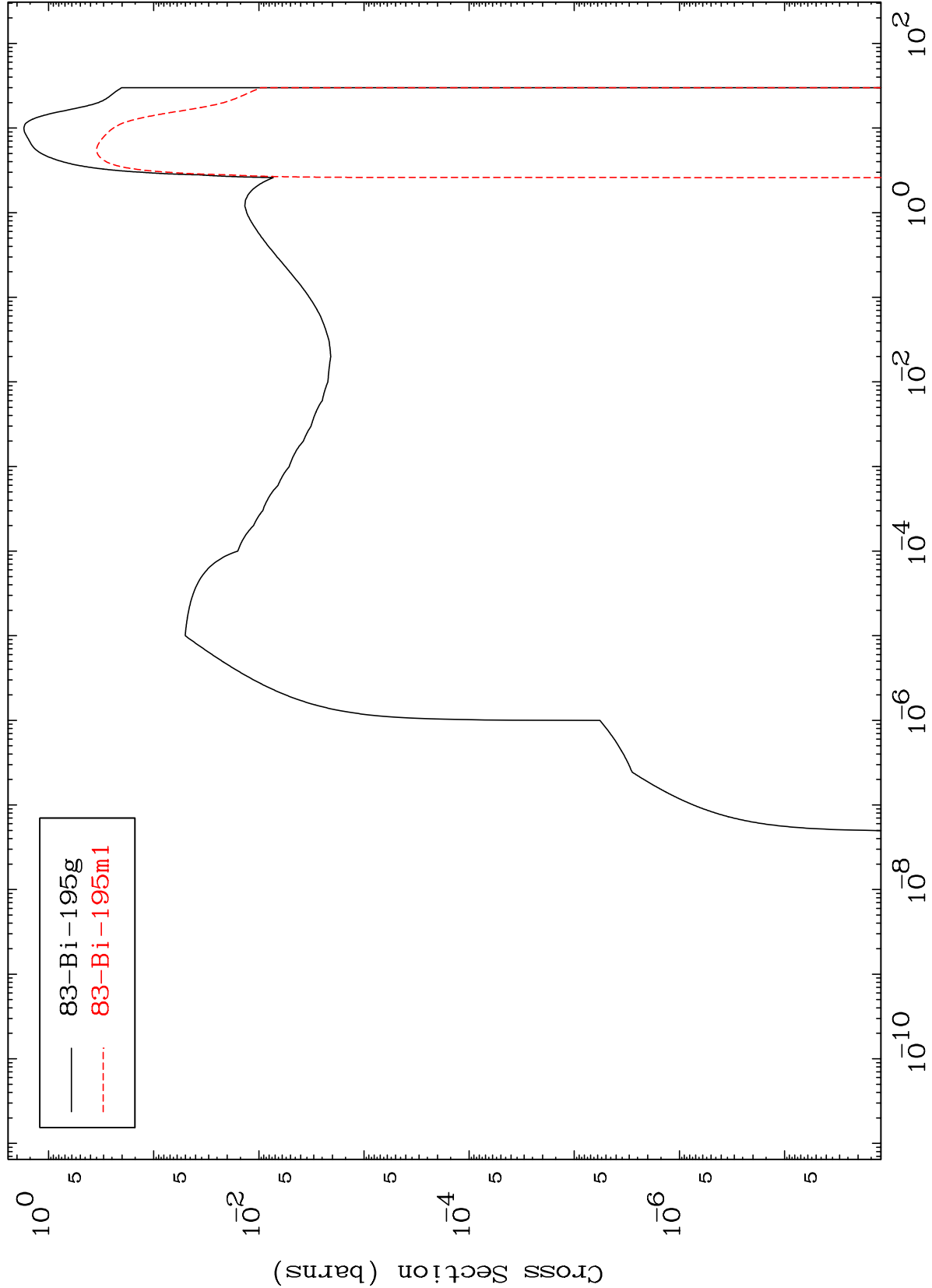
Incident Energy (MeV)

83-Bi-195m

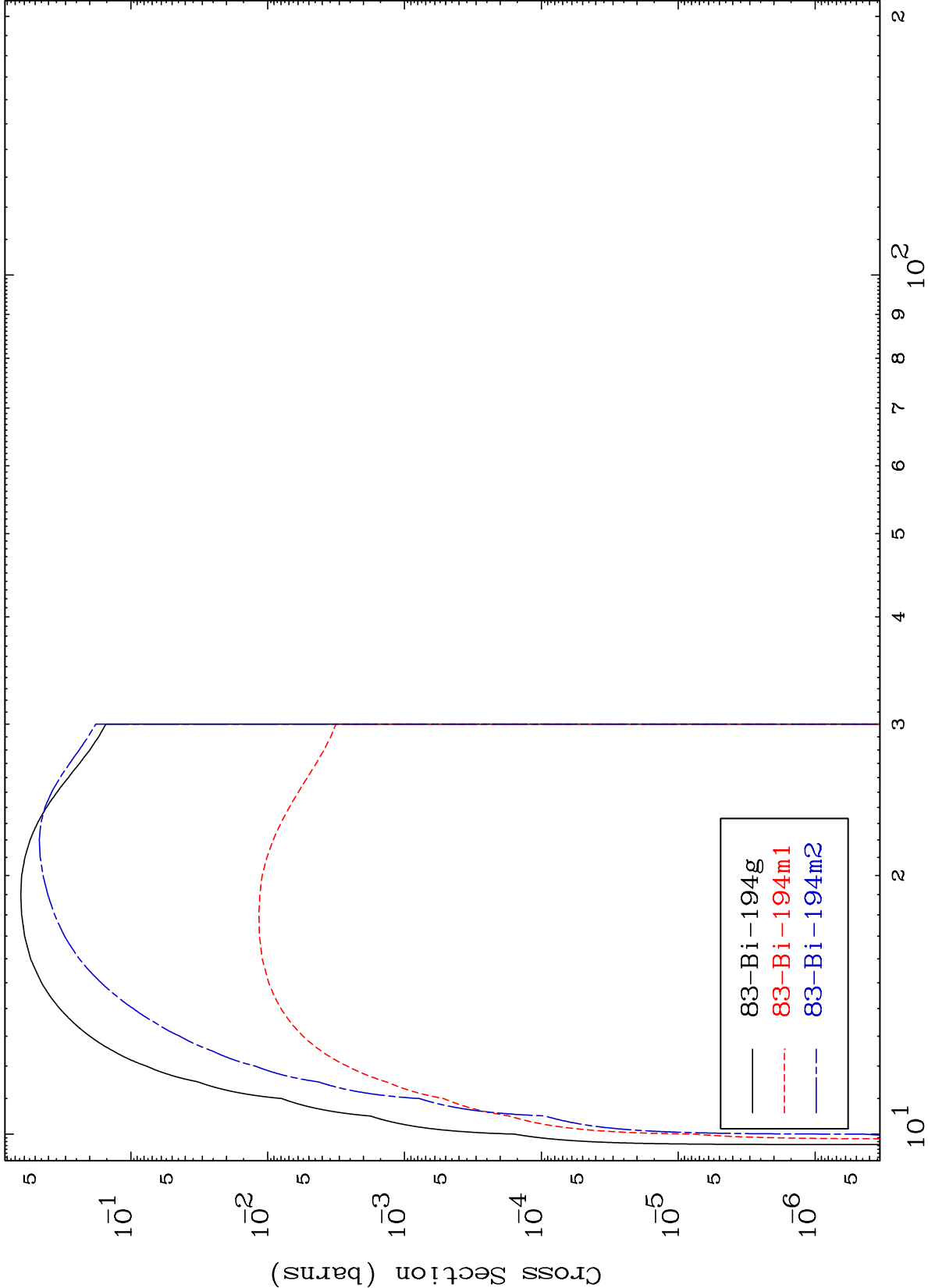




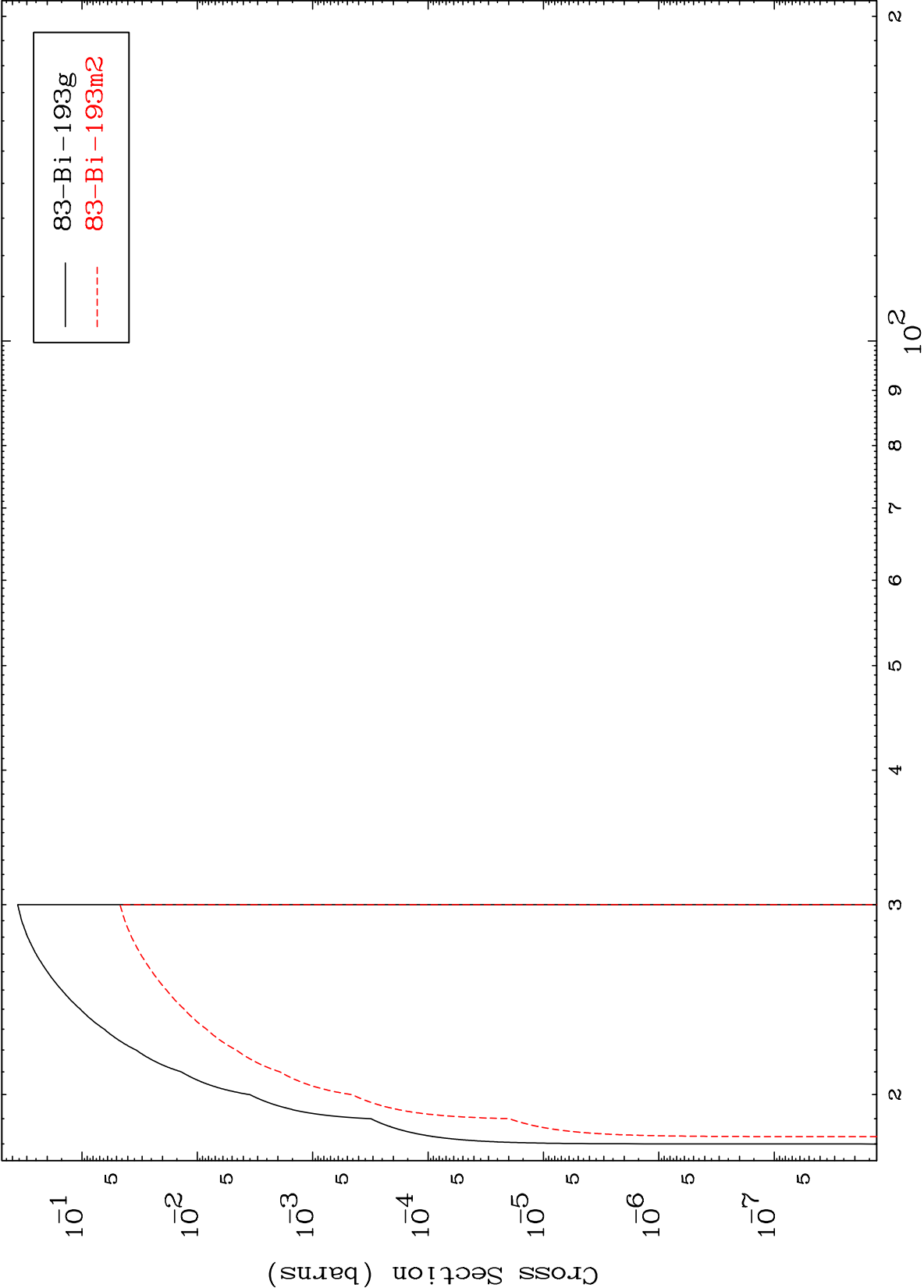
Inelastic
Radionuclide Production Cross Section

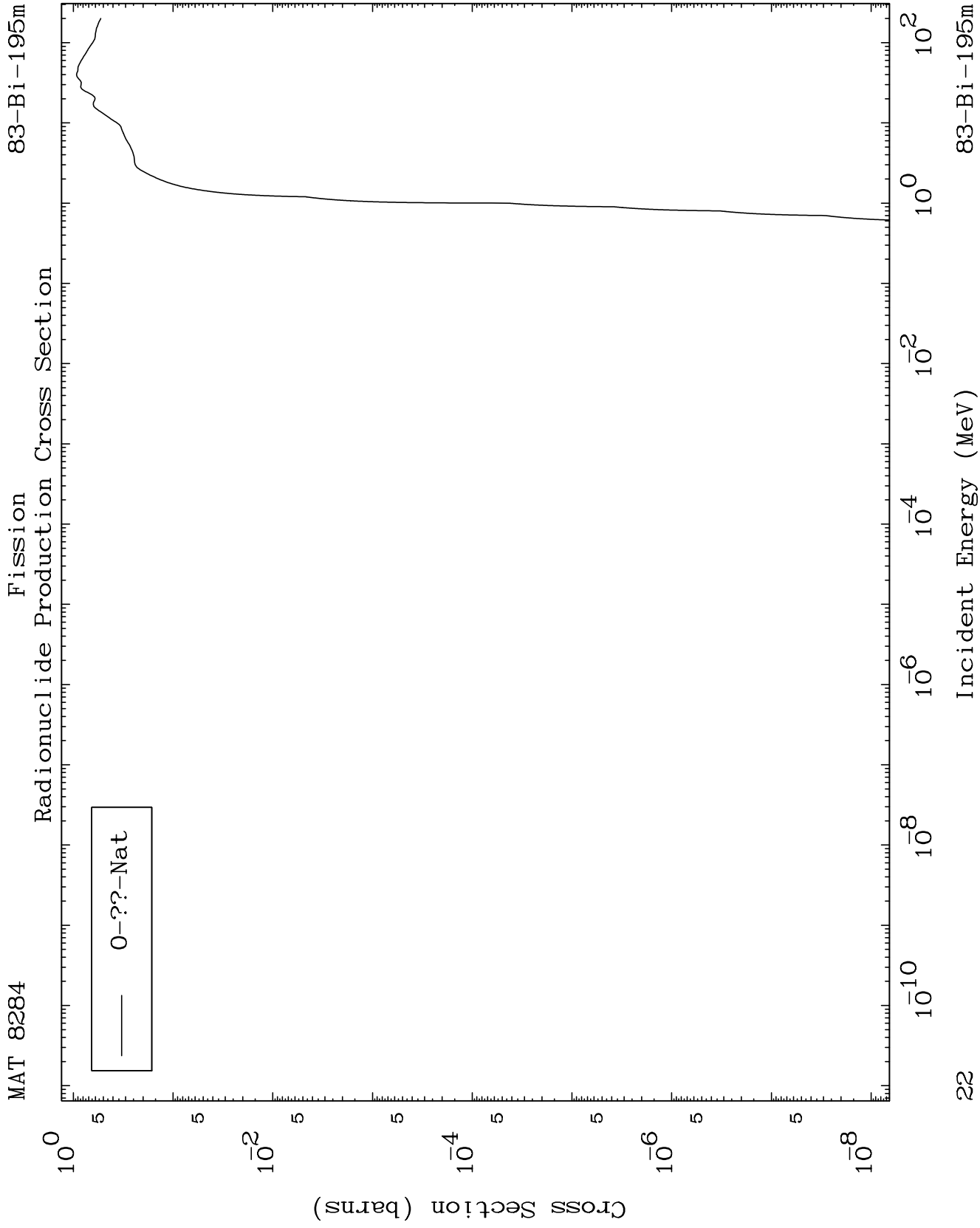


(n,2n)
Radionuclide Production Cross Section



(n,3n)
Radionuclide Production Cross Section



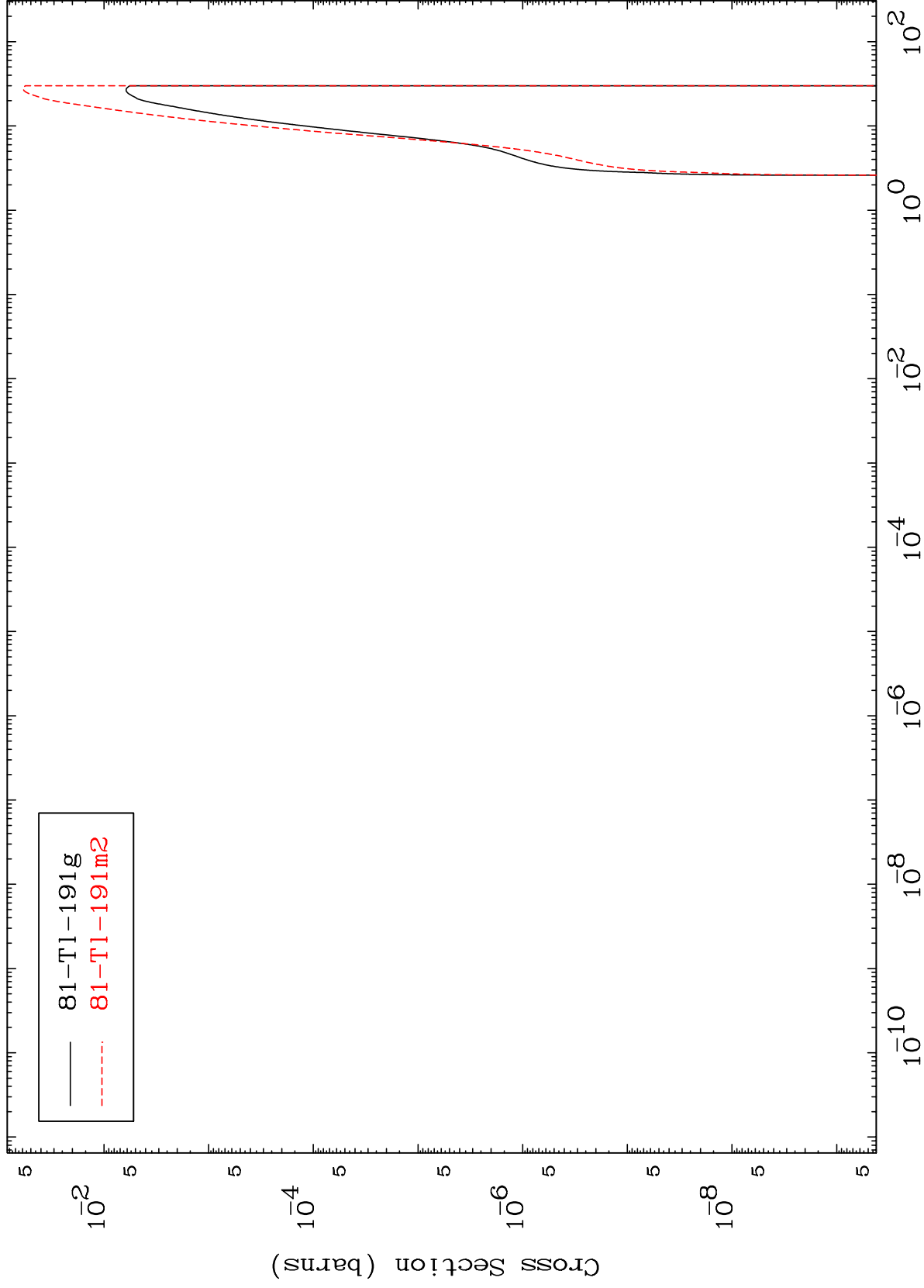


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$(n,n') \alpha$

83-Bi-195m

Radionuclide Production Cross Section



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Incident Energy (MeV)

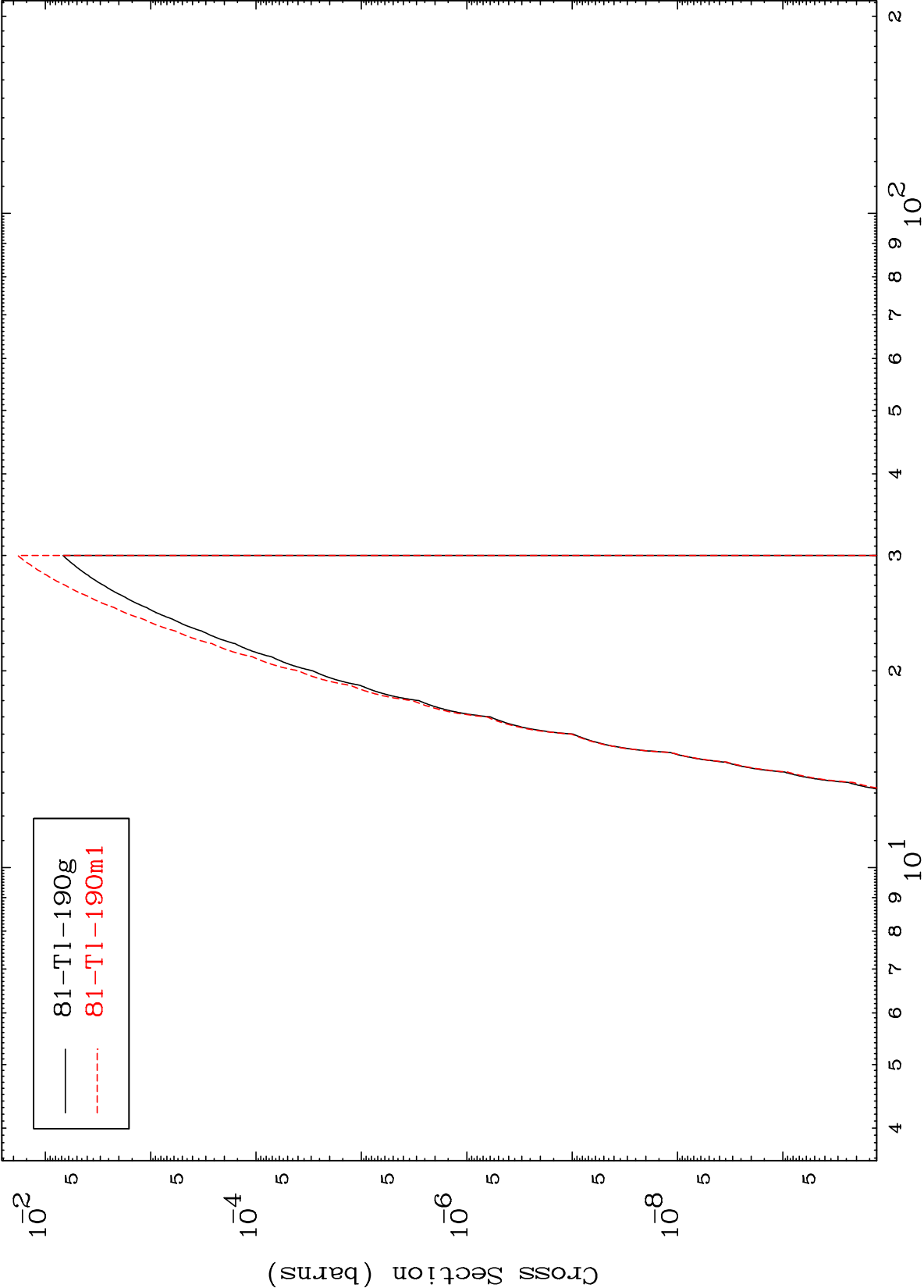
83-Bi-195m

MAT 8284

$(n,2n) \alpha$

83-Bi-195m

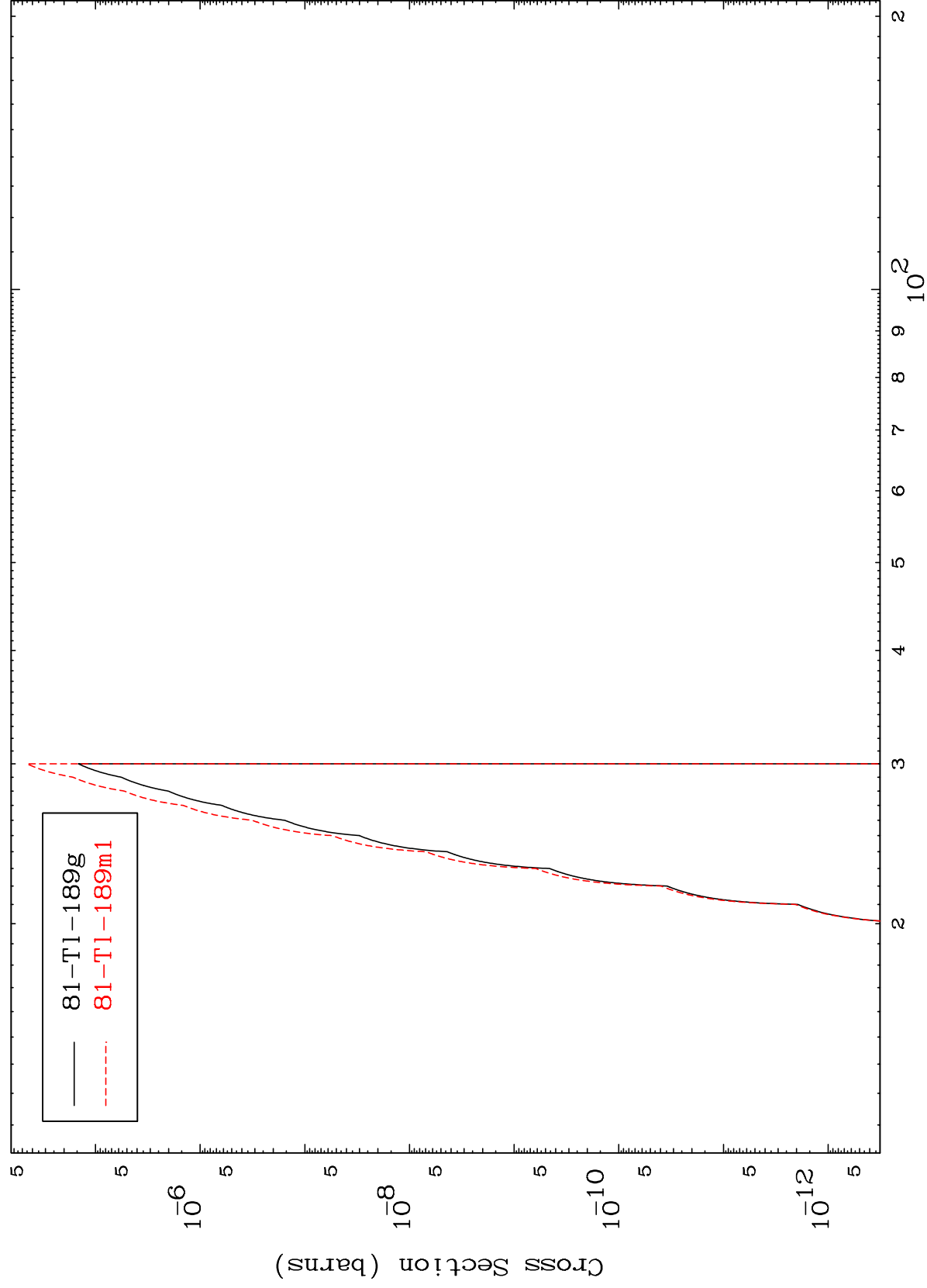
Radionuclide Production Cross Section



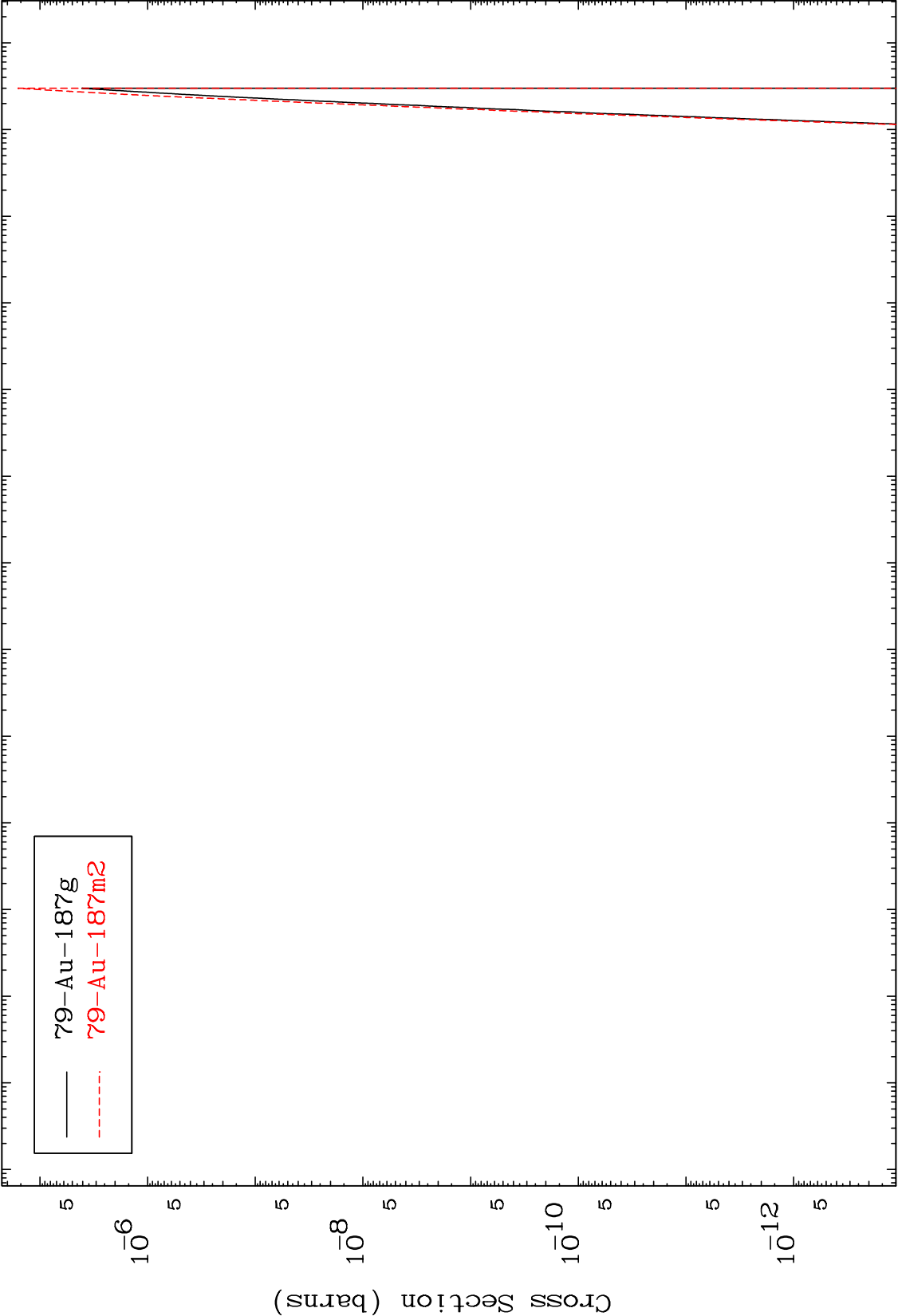
Incident Energy (MeV)

83-Bi-195m

24

$(n,3n) \alpha$
Radionuclide Production Cross Section

Radionuclide Production Cross Section

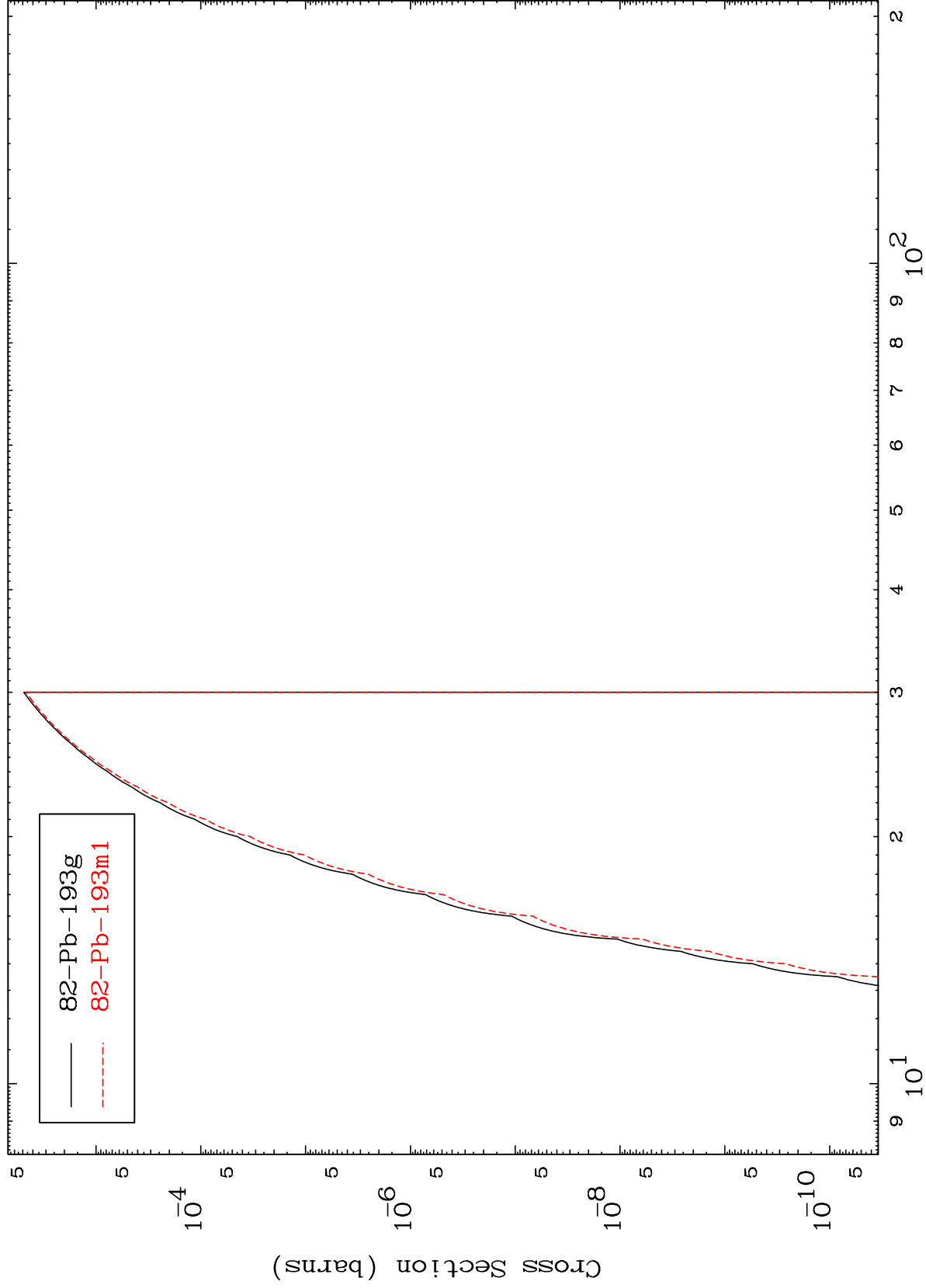


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(n,n') d

83-Bi-195m

Radionuclide Production Cross Section



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Incident Energy (MeV)

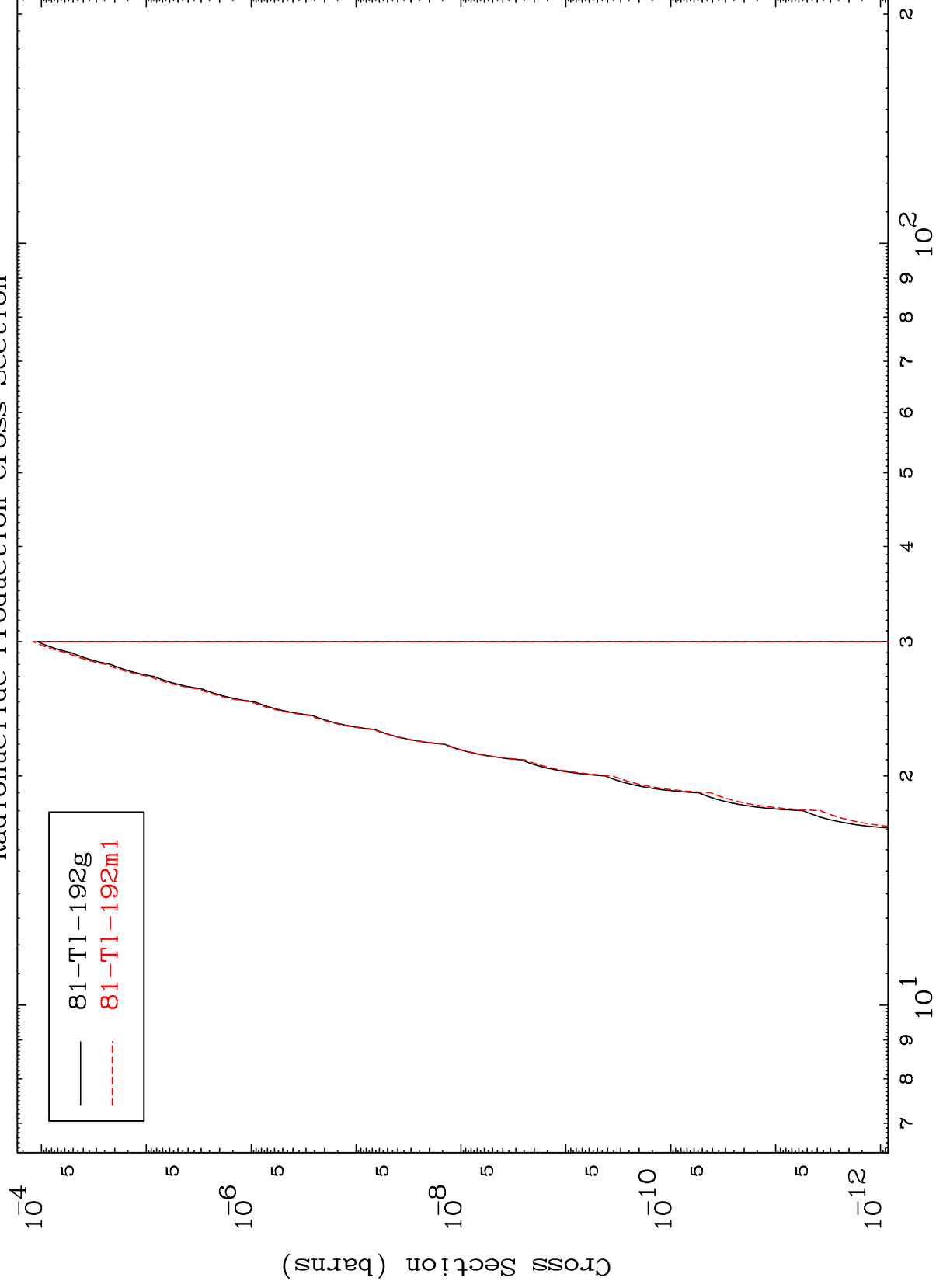
83-Bi-195m

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(n,n') He-3

83-Bi-195m

Radionuclide Production Cross Section



28

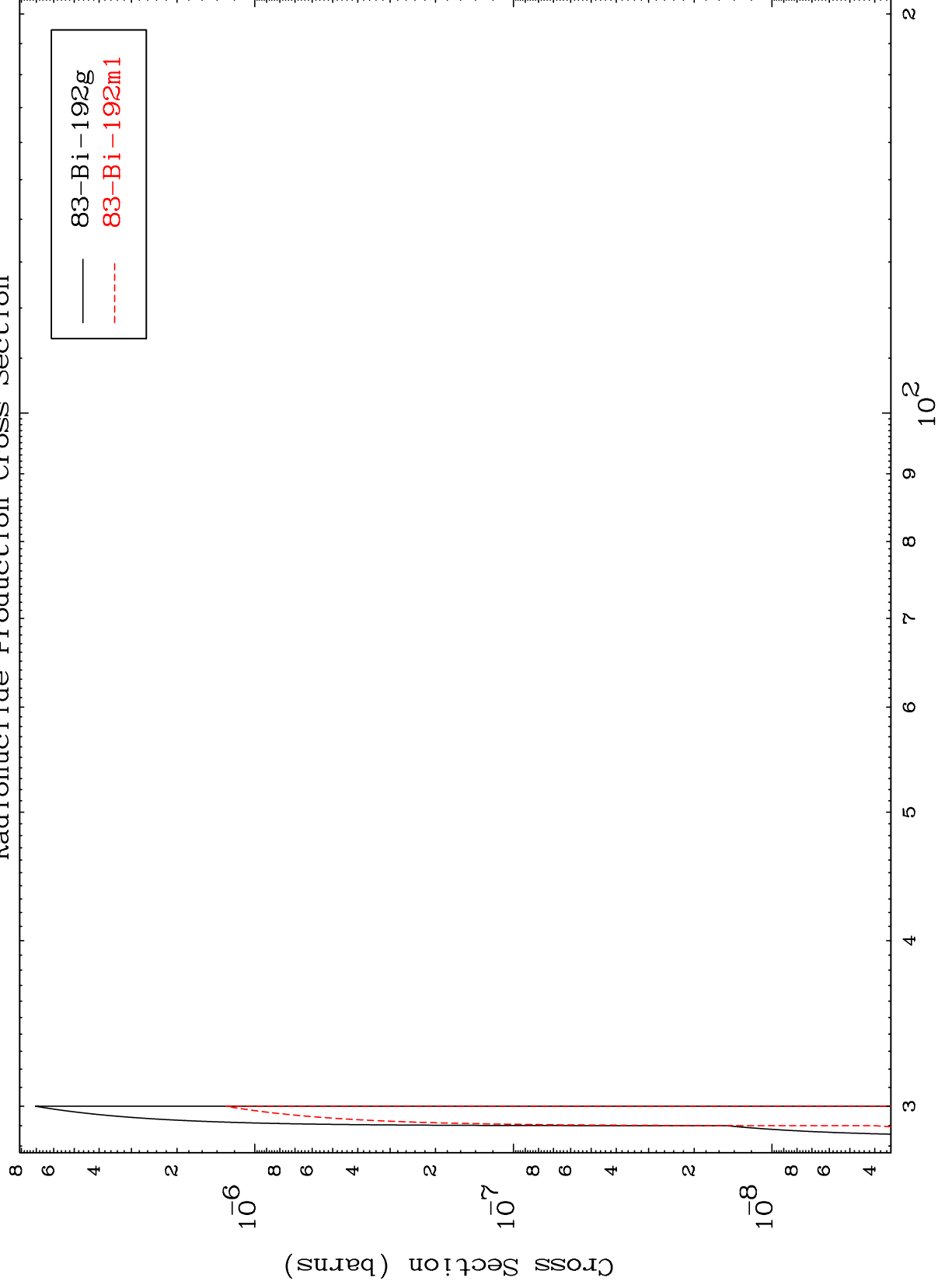
Incident Energy (MeV)

83-Bi-195m

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$^{83}\text{Bi}-195\text{m}$

$(n,4n)$
Radionuclide Production Cross Section



29

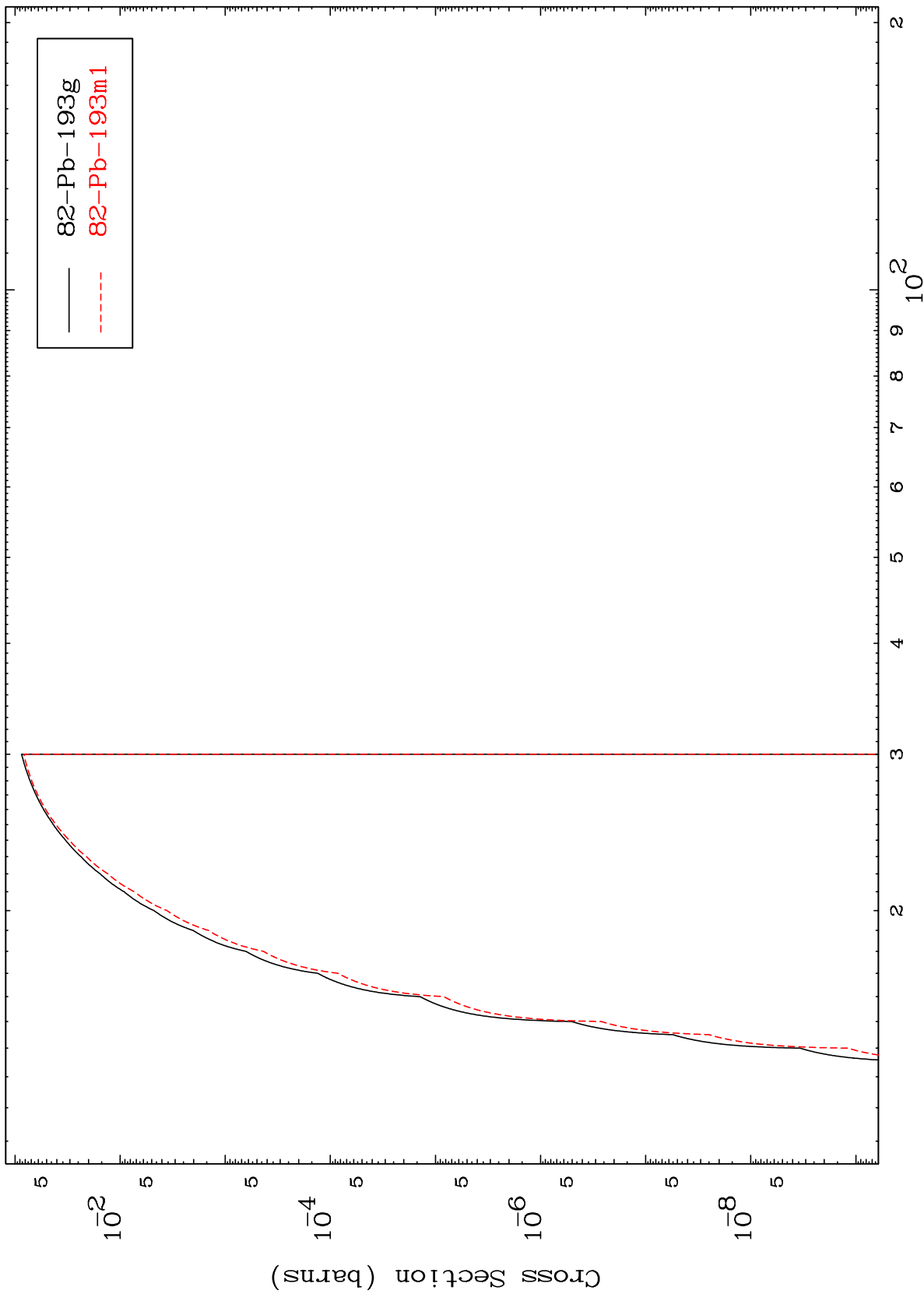
$^{83}\text{Bi}-195\text{m}$

Incident Energy (MeV)

MAT 8284

83-Bi-195m

(n,2n) p
Radionuclide Production Cross Section



83-Bi-195m

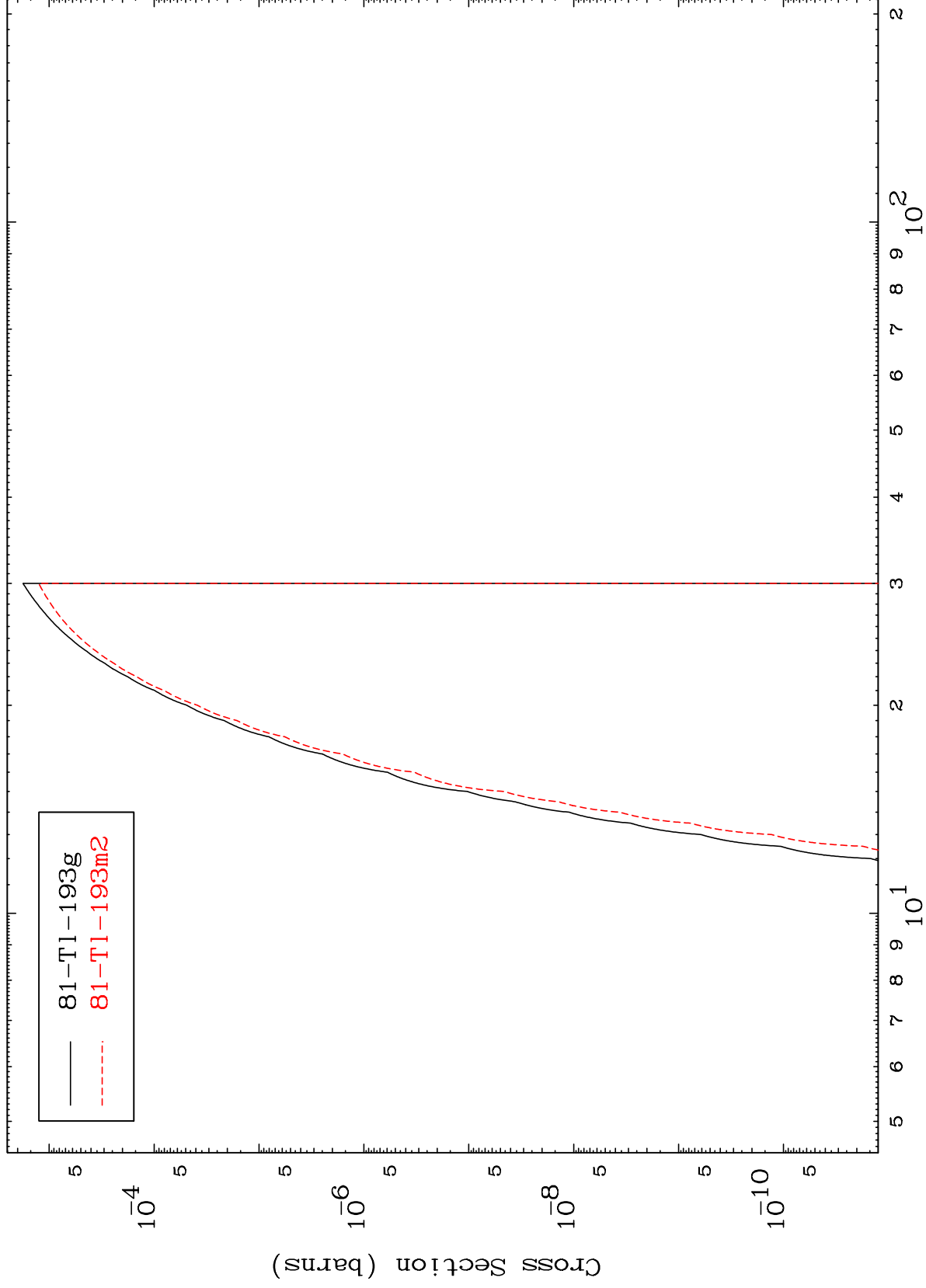
Incident Energy (MeV)

30

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83-Bi-195m

(n,2n) p
Radionuclide Production Cross Section



31

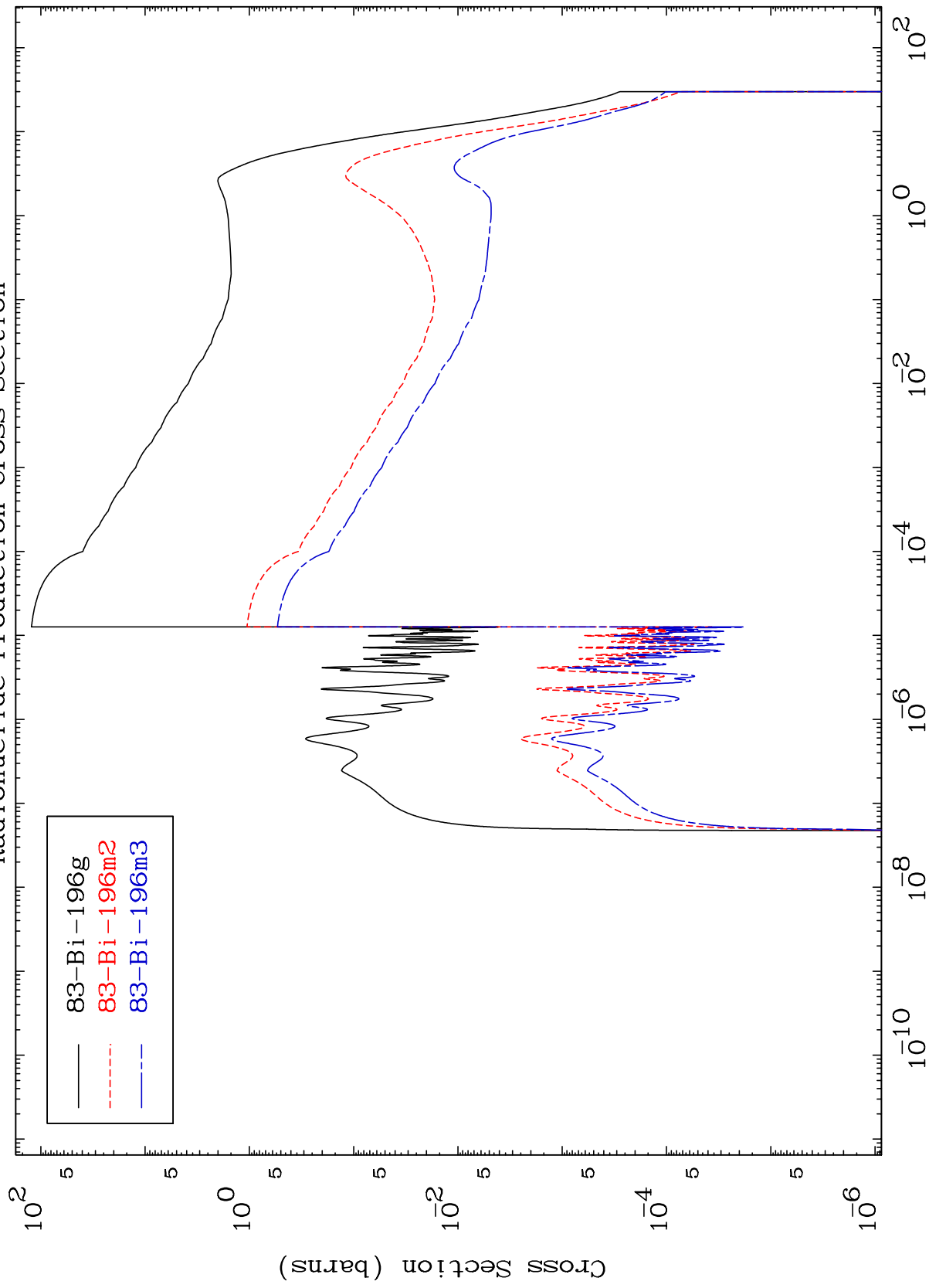
Incident Energy (MeV)

83-Bi-195m

MAT 8284

83-Bi-195m

Radionuclide Production Cross Section



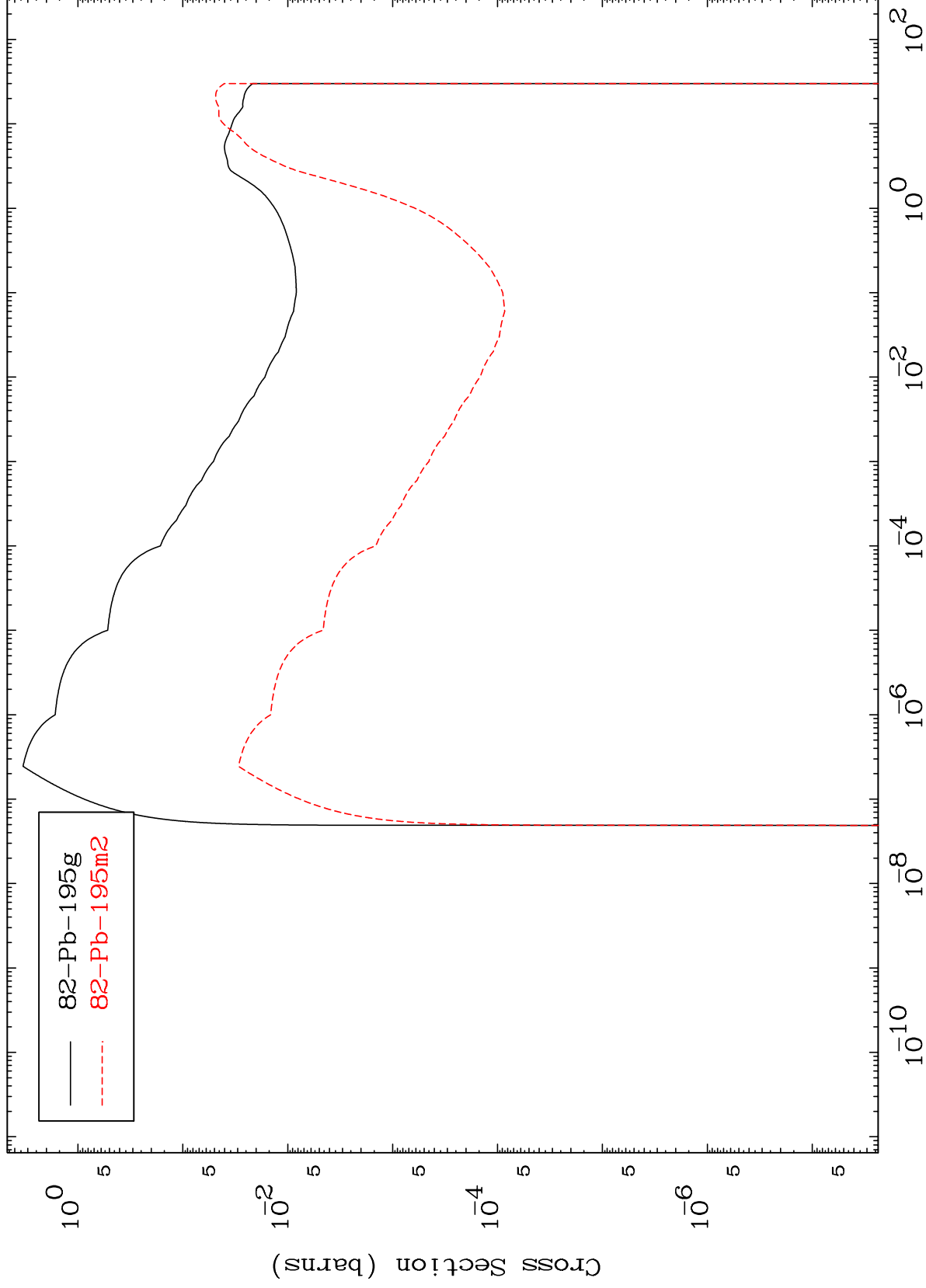
32

83-Bi-195m

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83-Bi-195m

(n,p)
Radionuclide Production Cross Section



33

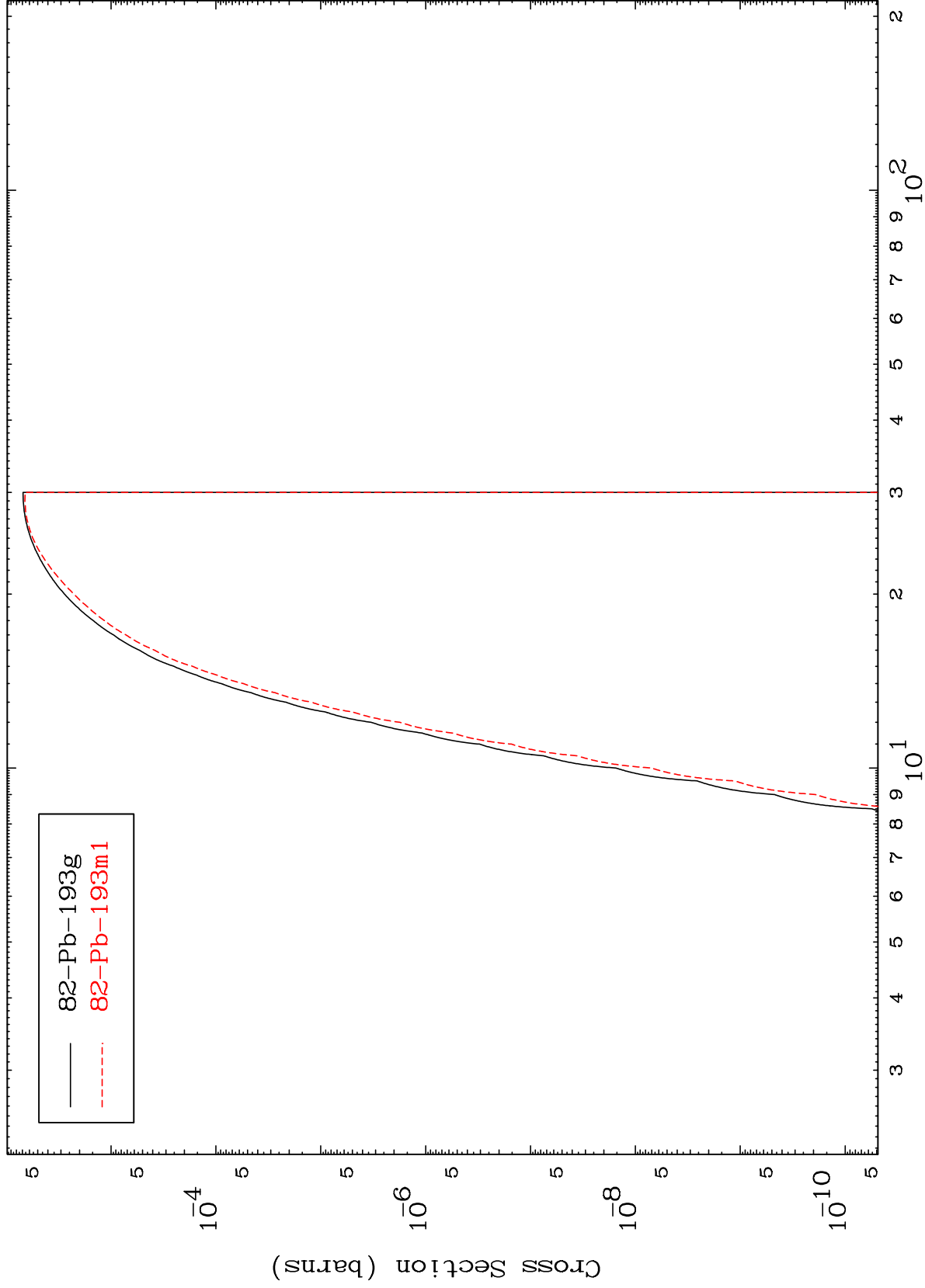
Incident Energy (MeV)

83-Bi-195m

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83-Bi-195m

(n,t)
Radionuclide Production Cross Section

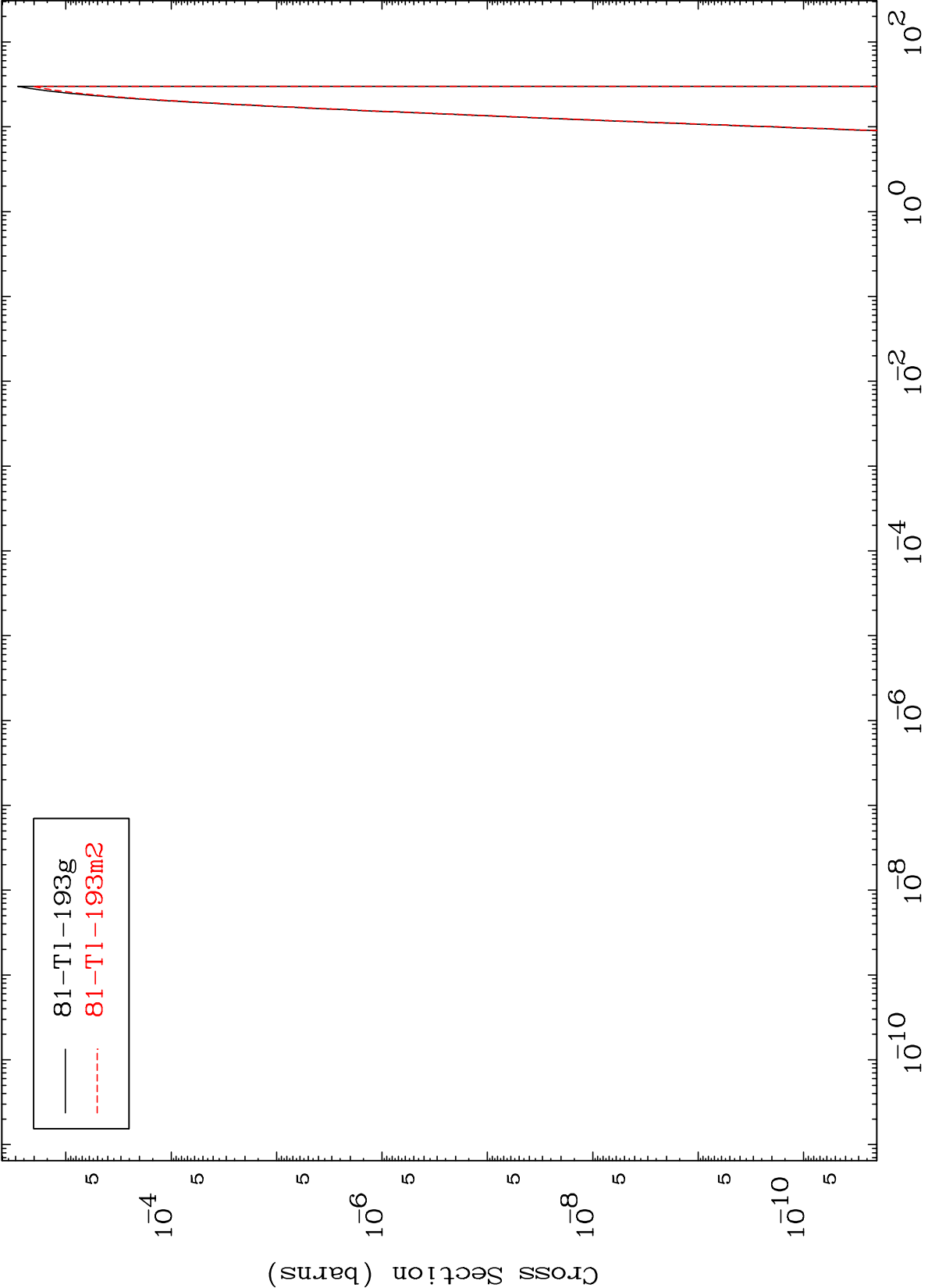


34

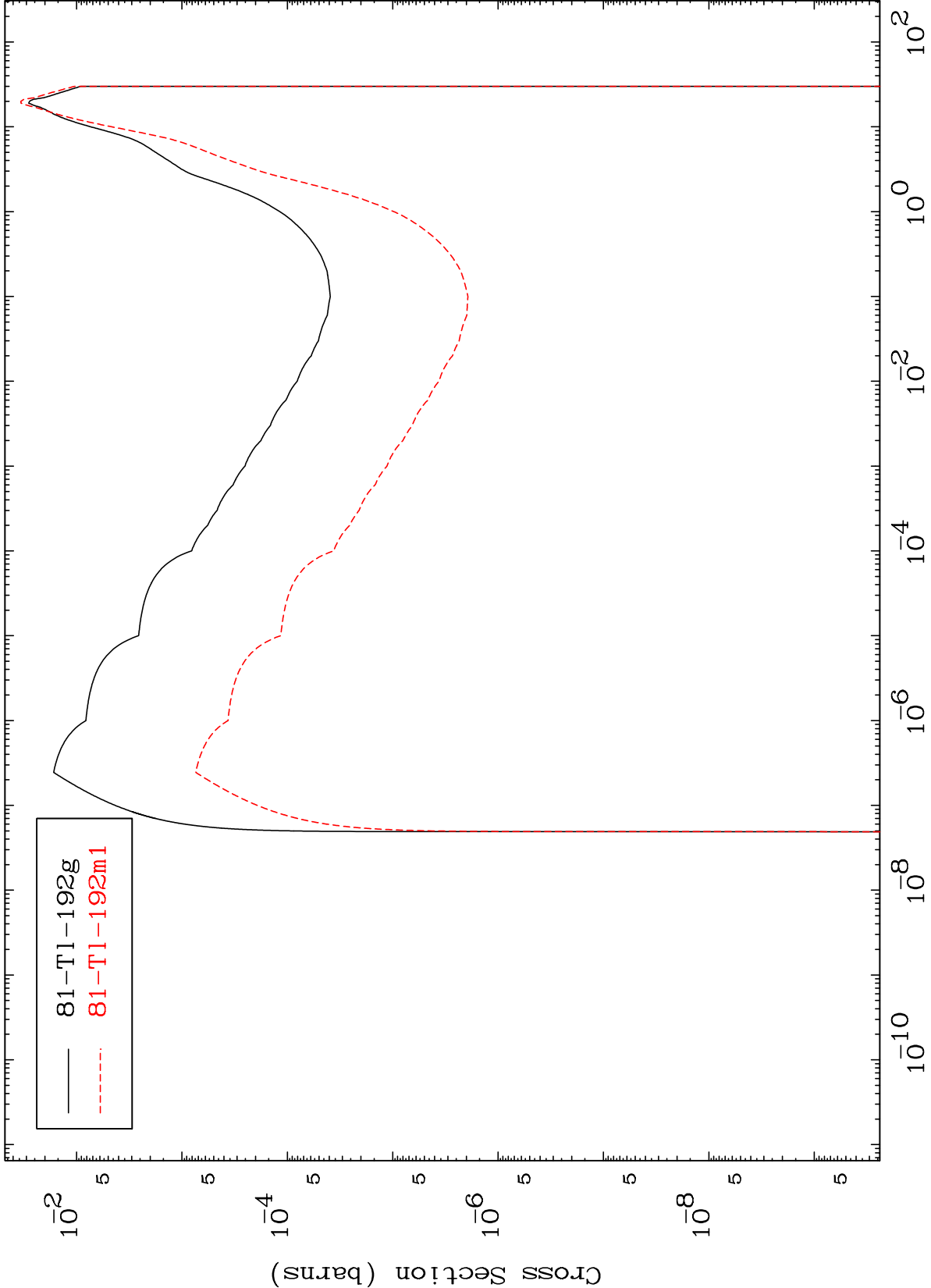
Incident Energy (MeV)

83-Bi-195m

Radionuclide Production Cross Section



Radionuclide Production Cross Section

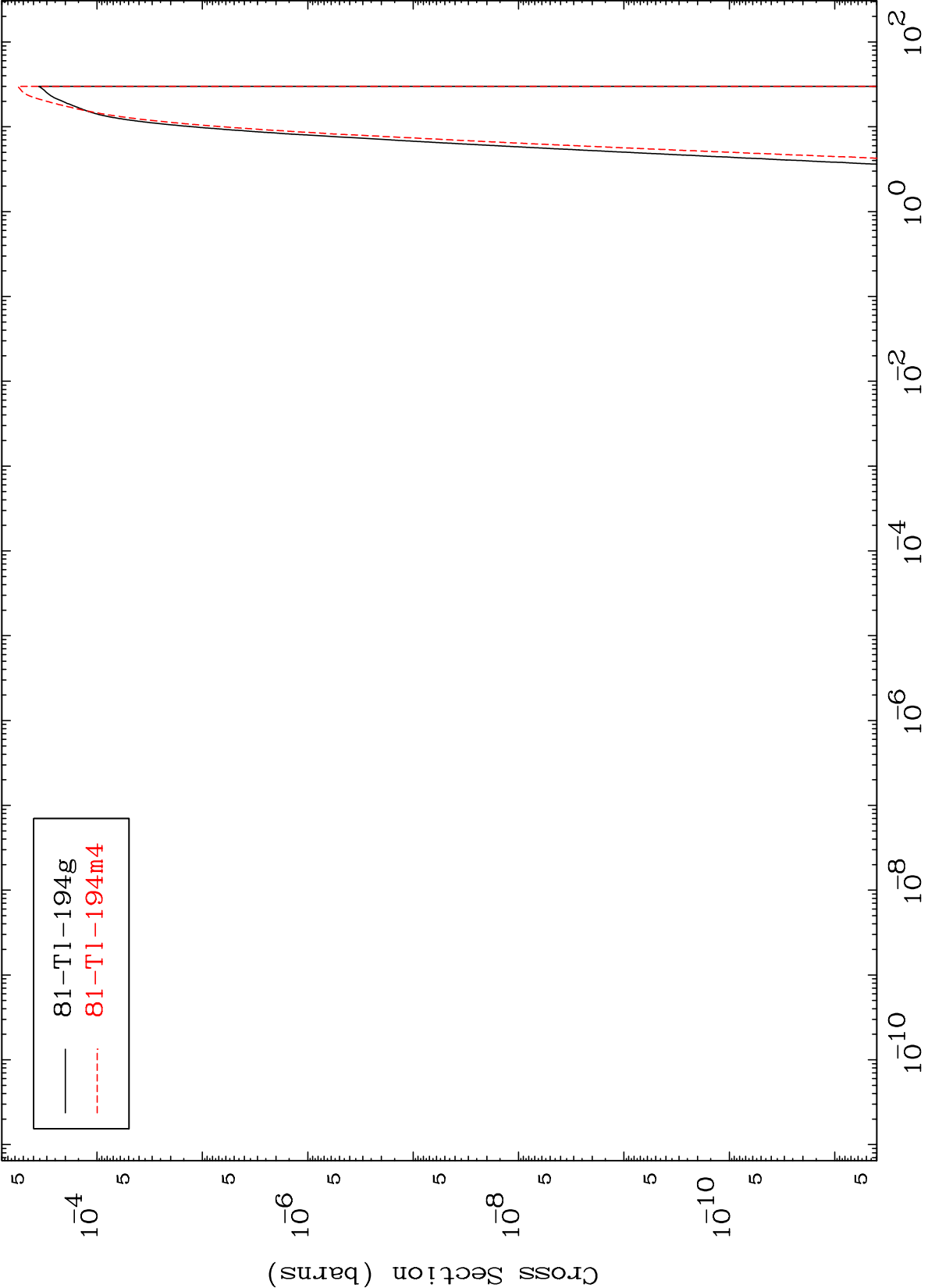


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(n,2p)

83-Bi-195m

Radionuclide Production Cross Section

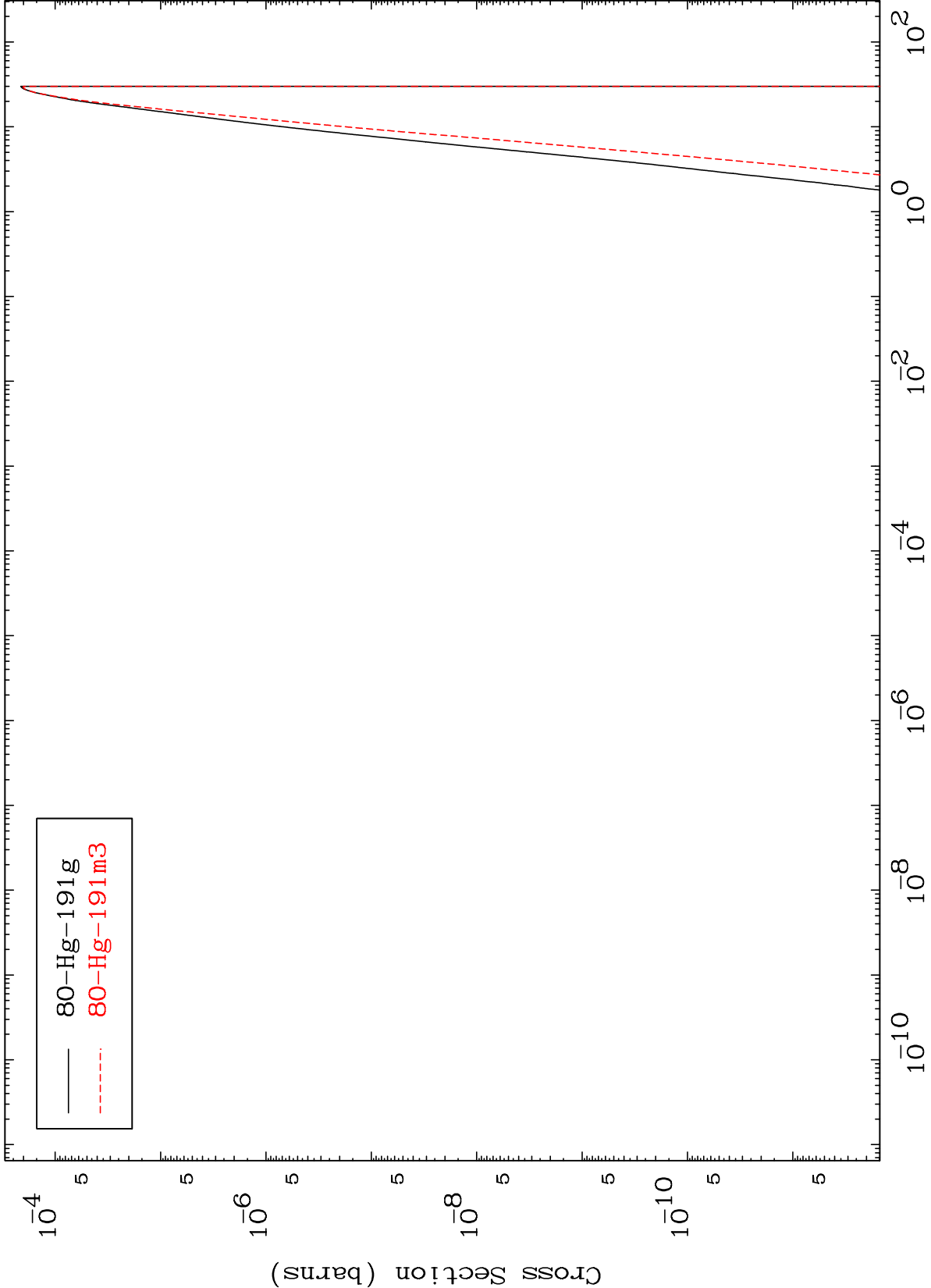


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Incident Energy (MeV)

83-Bi-195m

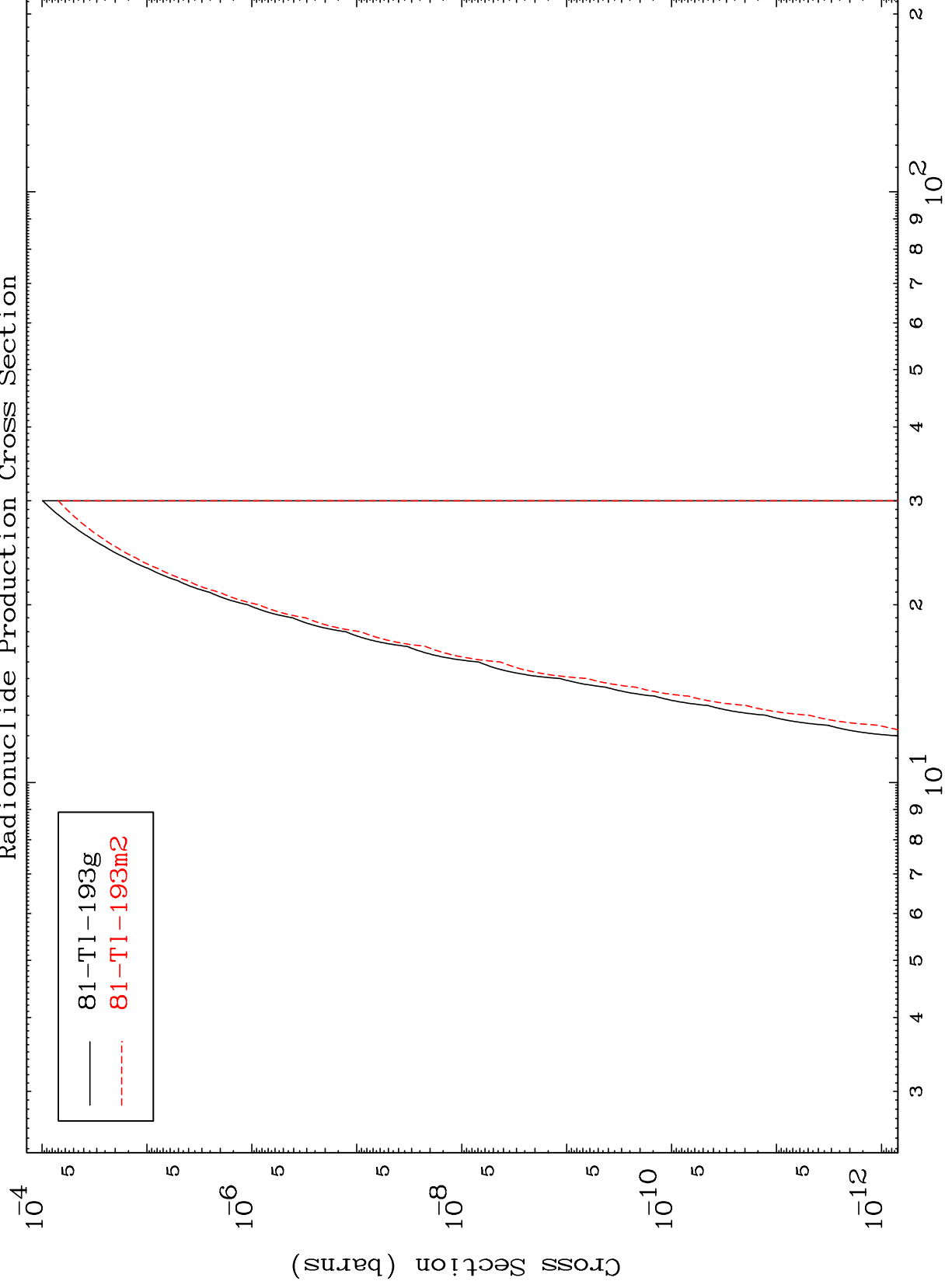
Radionuclide Production Cross Section



MAT 8284

83-Bi-195m

(n,p) d
Radionuclide Production Cross Section



39

Incident Energy (MeV)

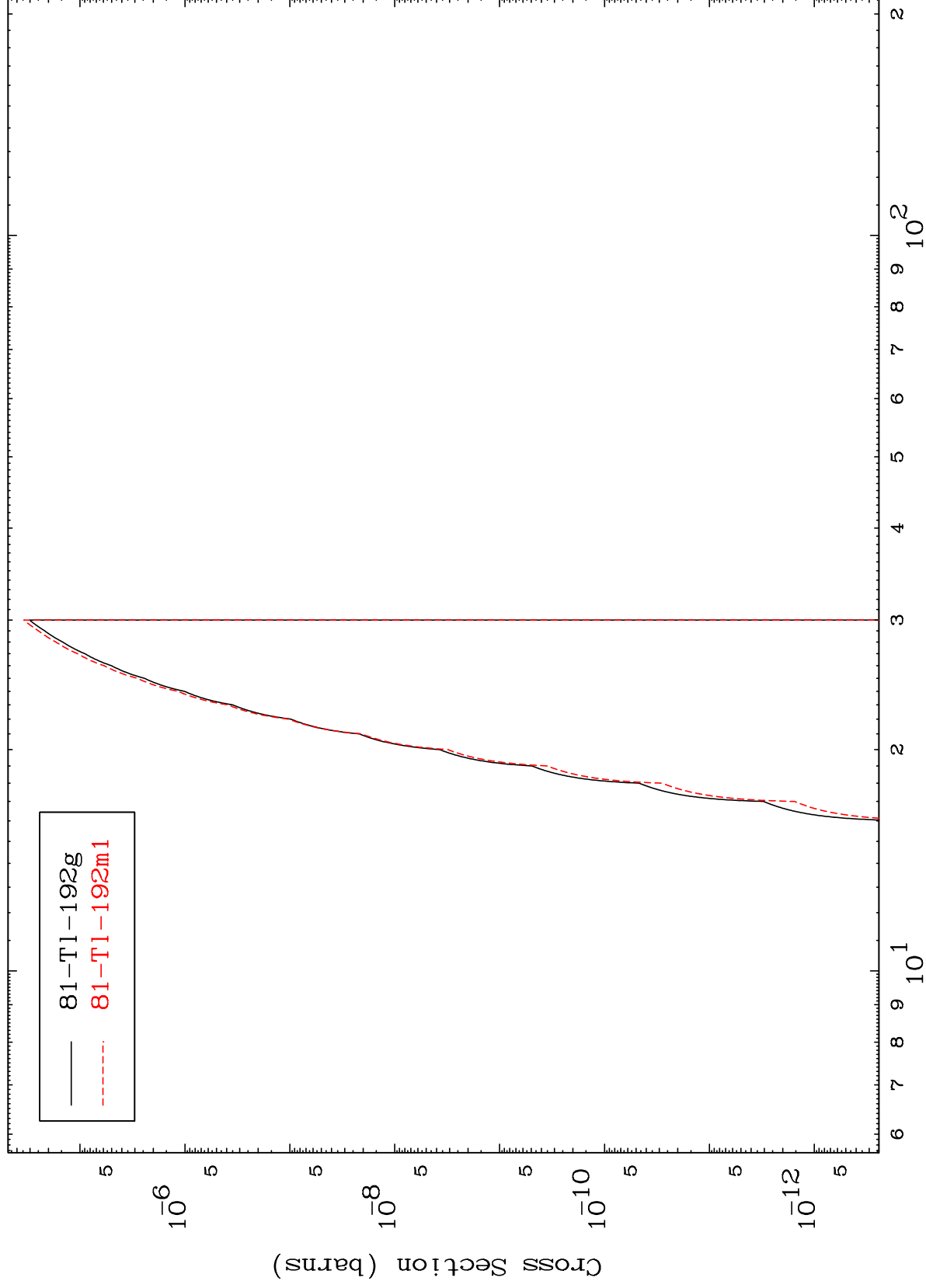
83-Bi-195m

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(n,p) t

83-Bi-195m

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-195m

40