

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

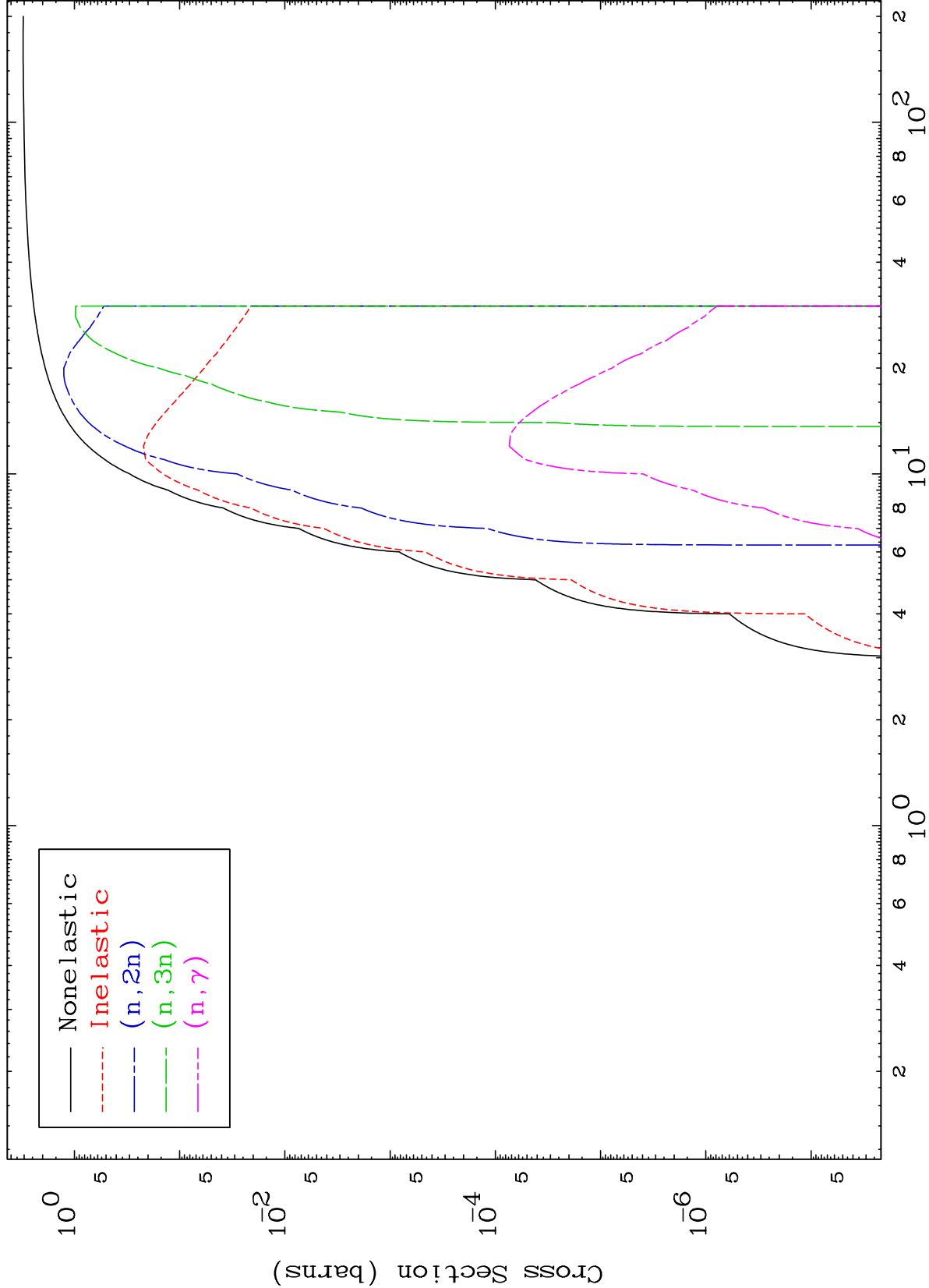
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

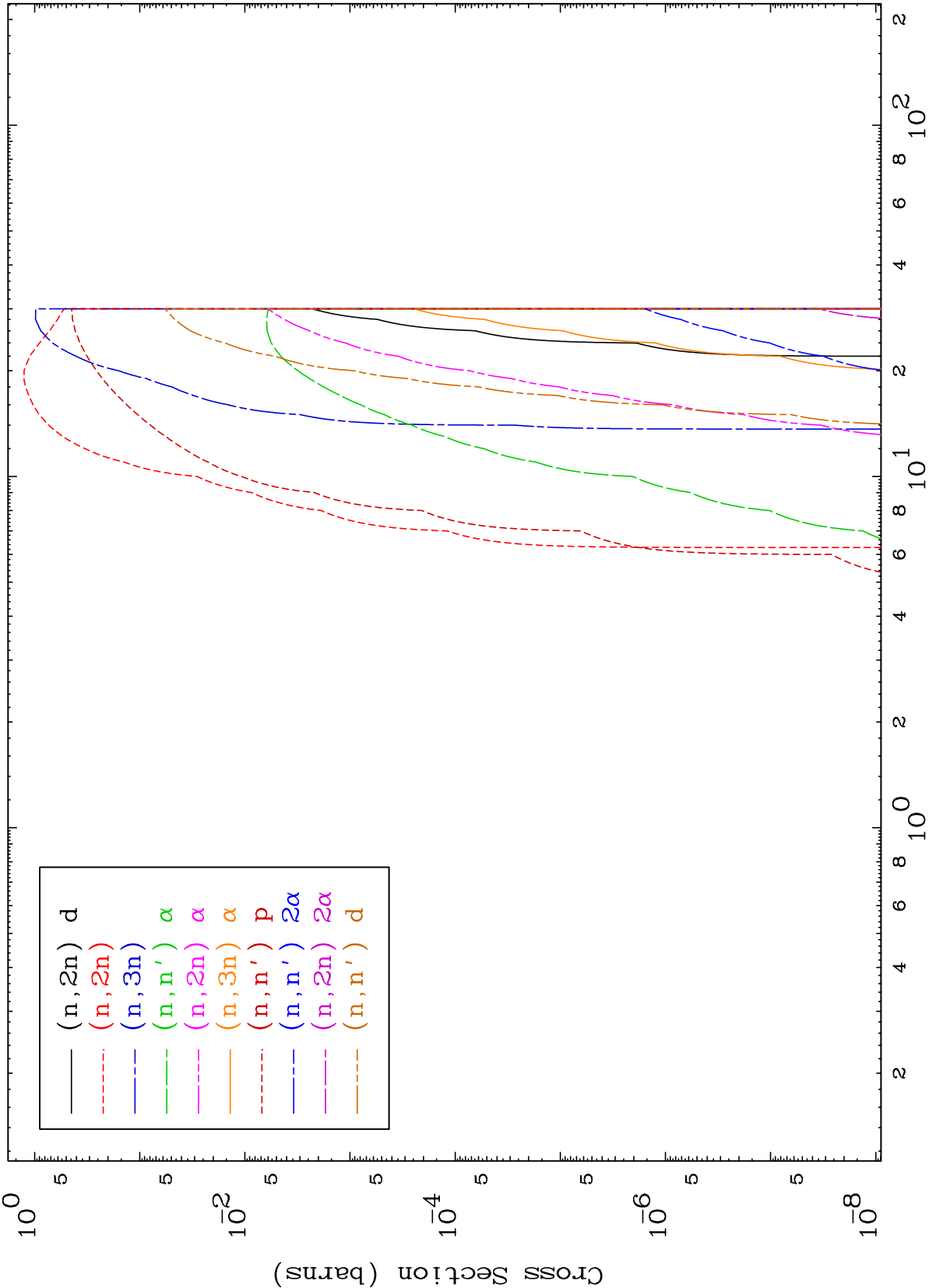
Tele: 925-443-1911

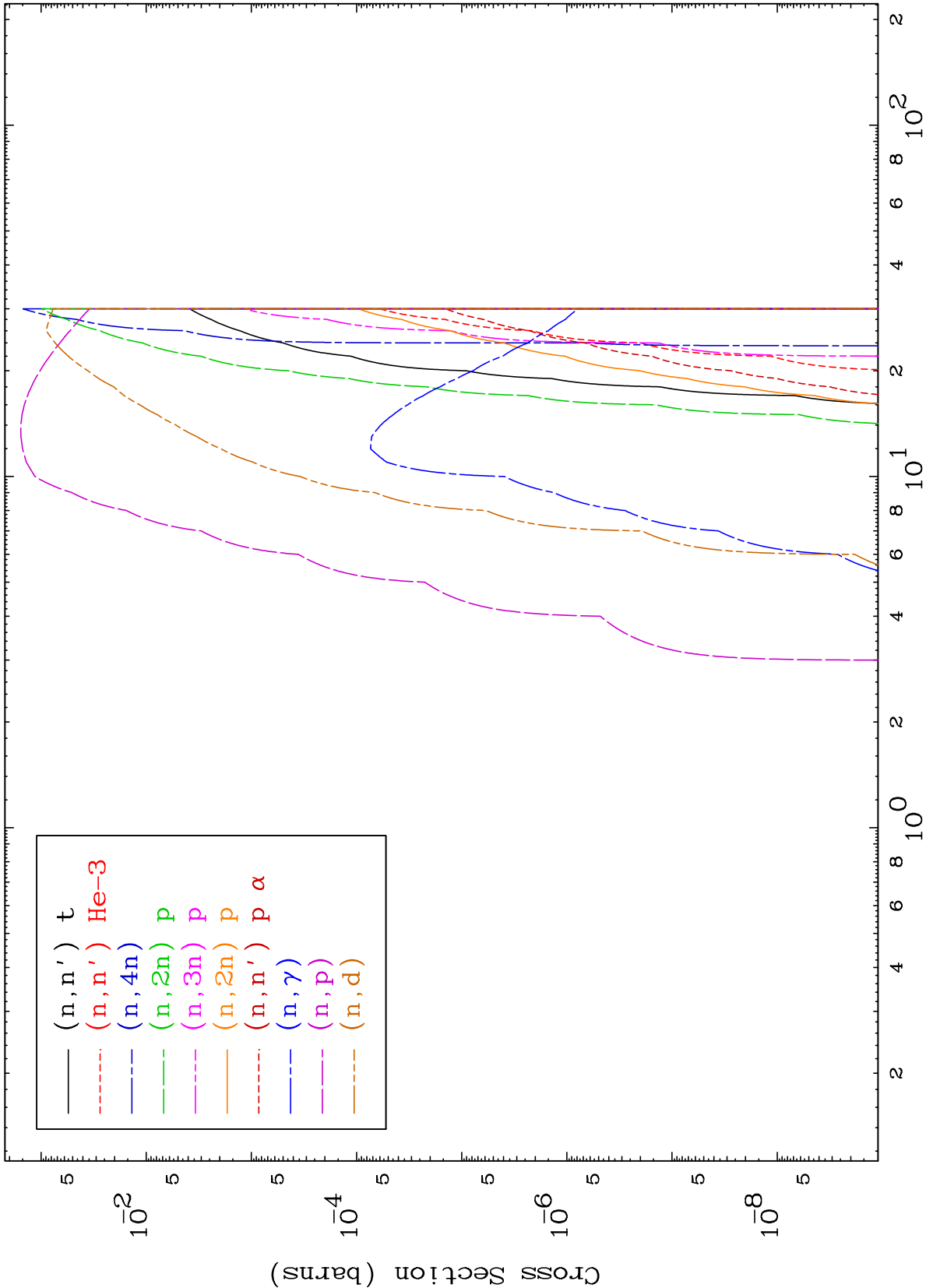
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

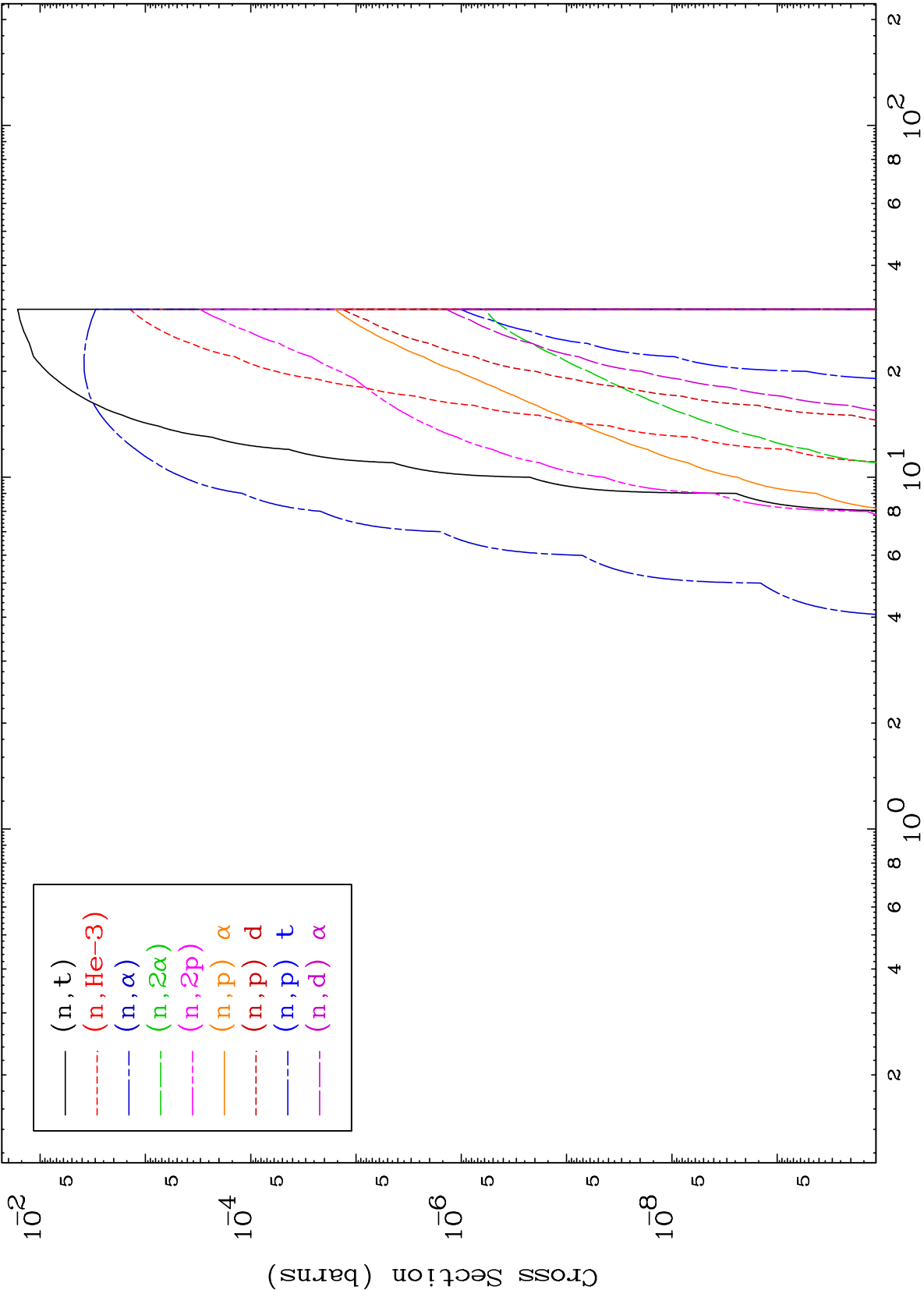
Press Mouse Button to Start

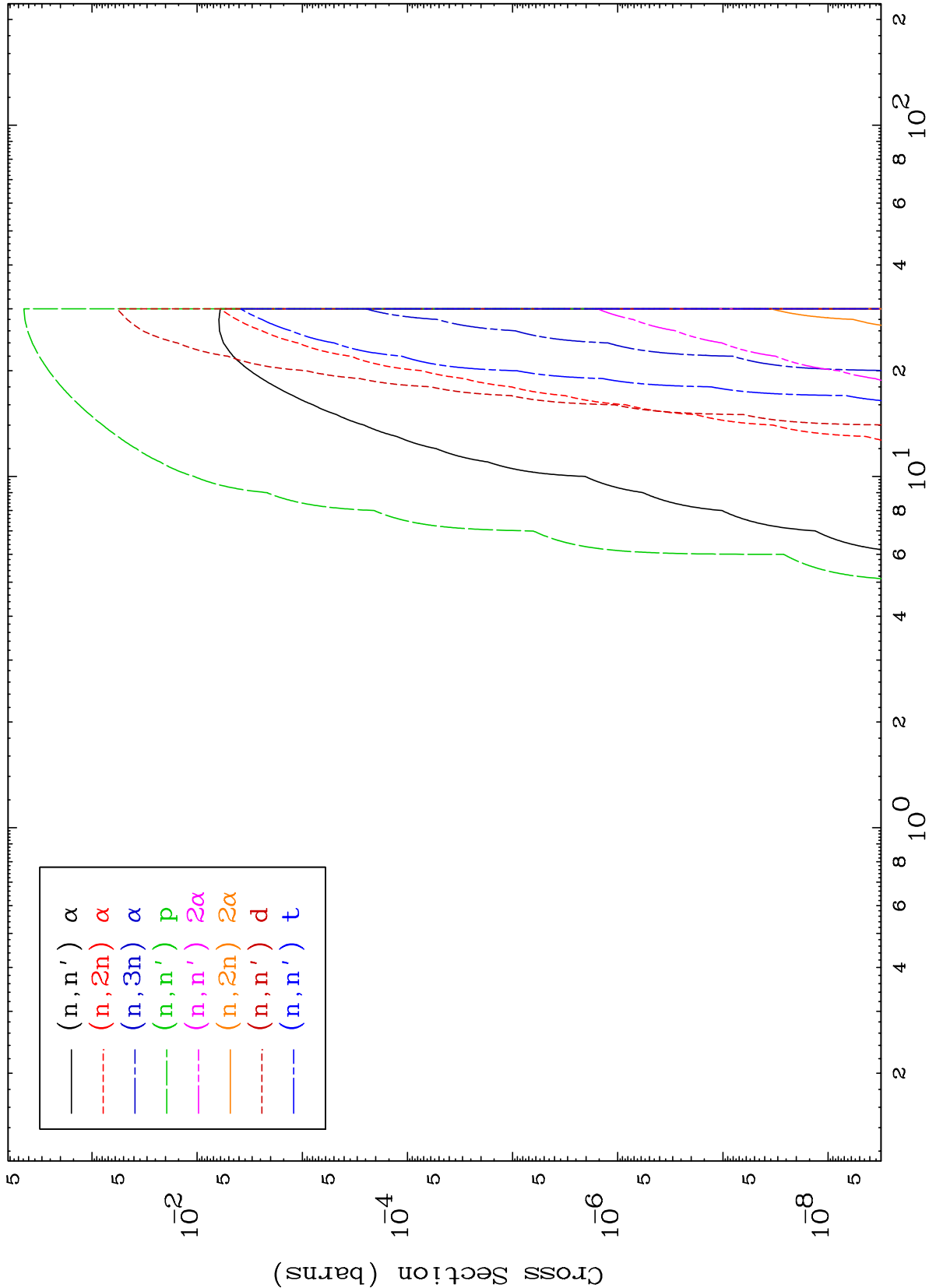
0 Kelvin Cross Sections

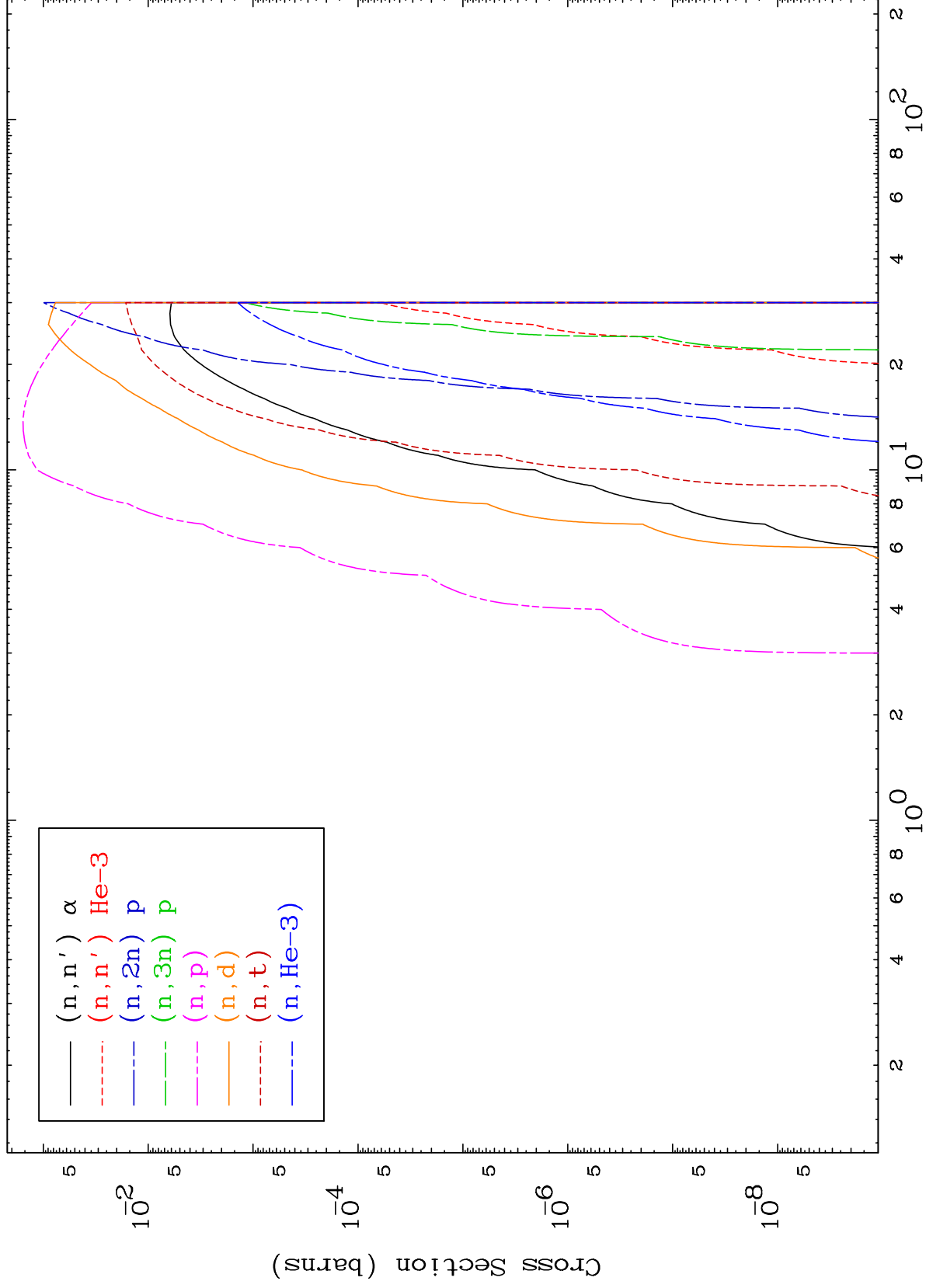


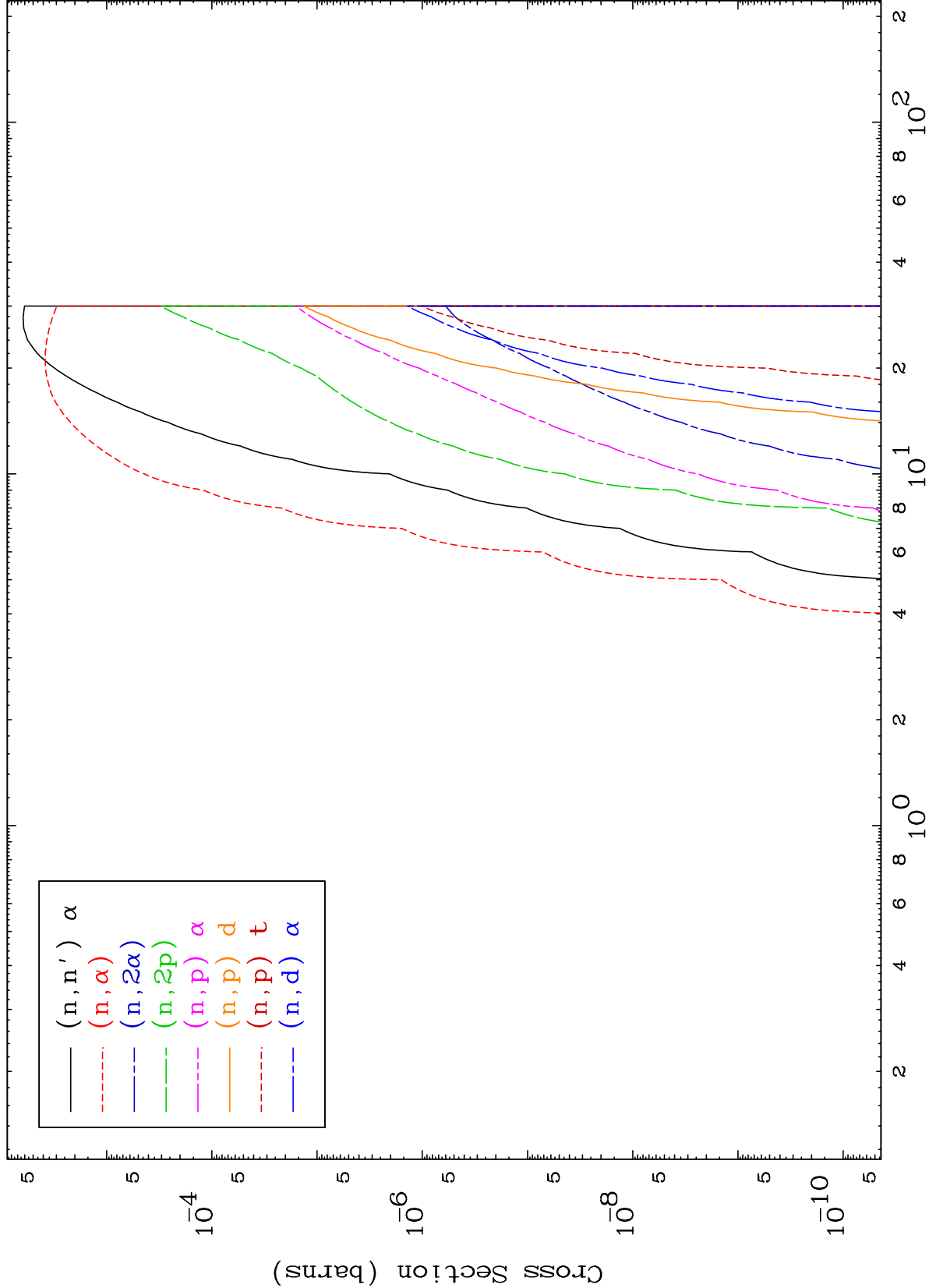








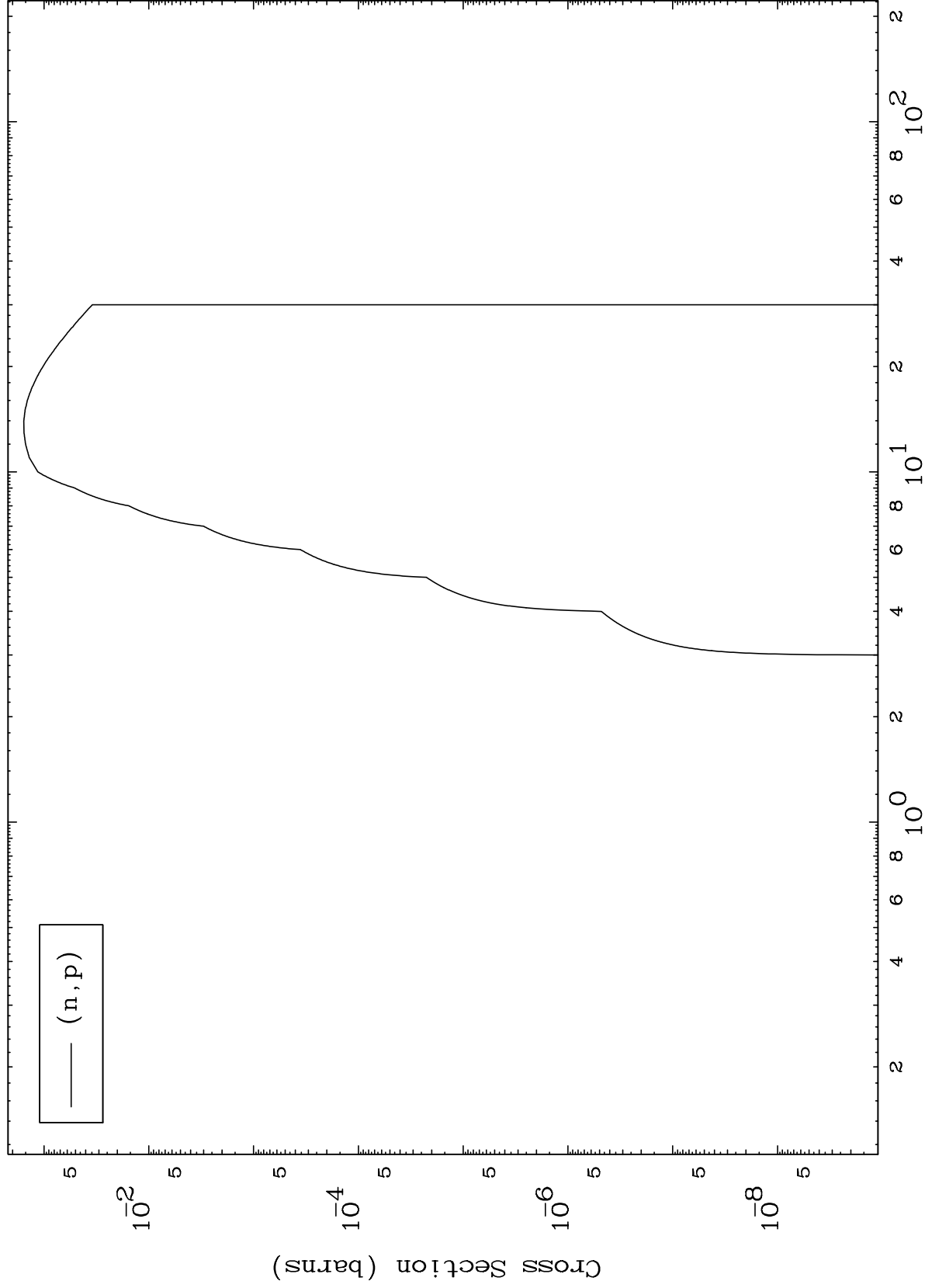




MAT 7907

79-Au-191

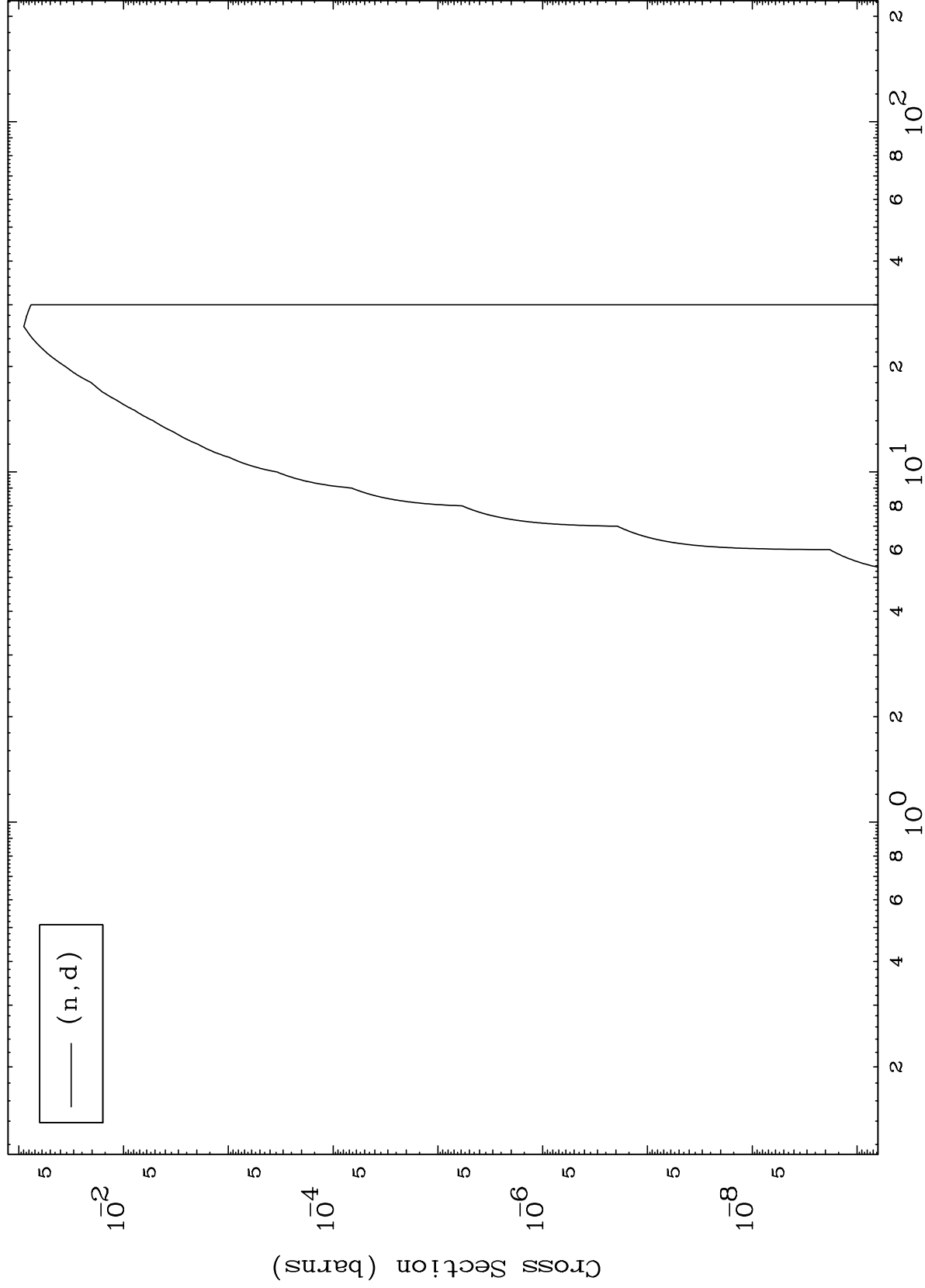
(d,p) Levels
0 Kelvin Cross Sections



MAT 7907

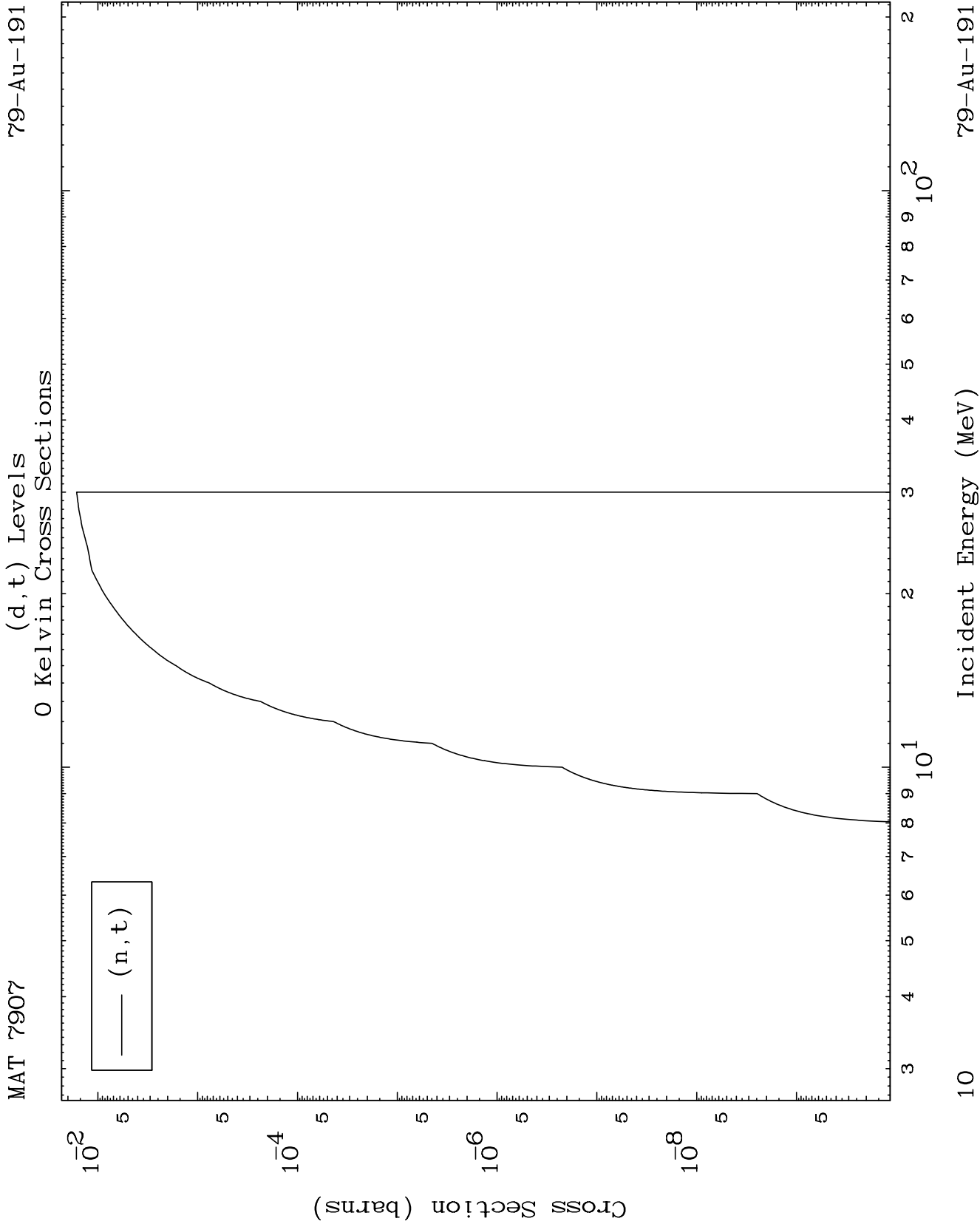
79-Au-191

(d,d) Levels
0 Kelvin Cross Sections



9

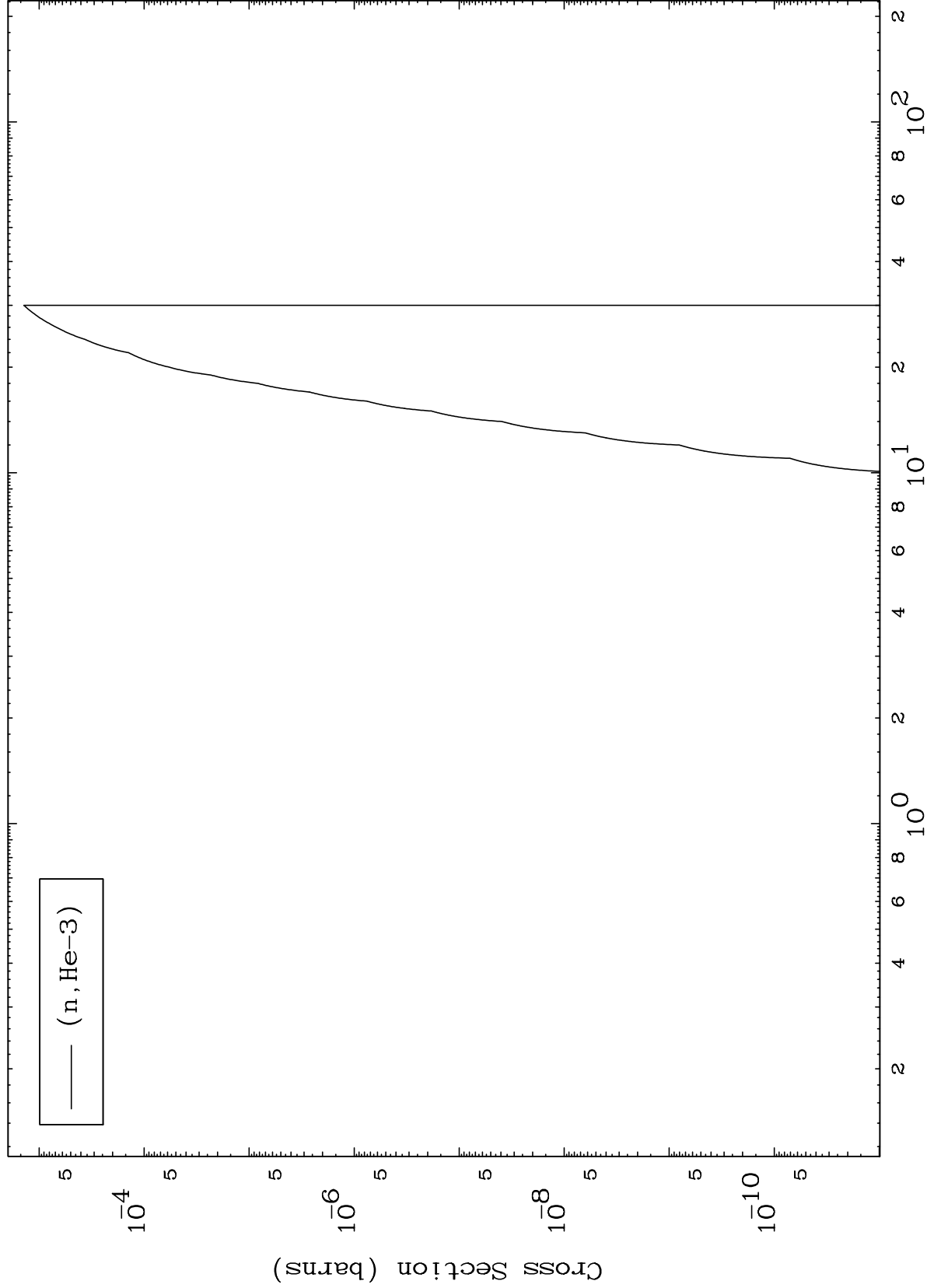
79-Au-191



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79-Au-191

(d,He3) Levels
0 Kelvin Cross Sections



— (n, He-3)

11

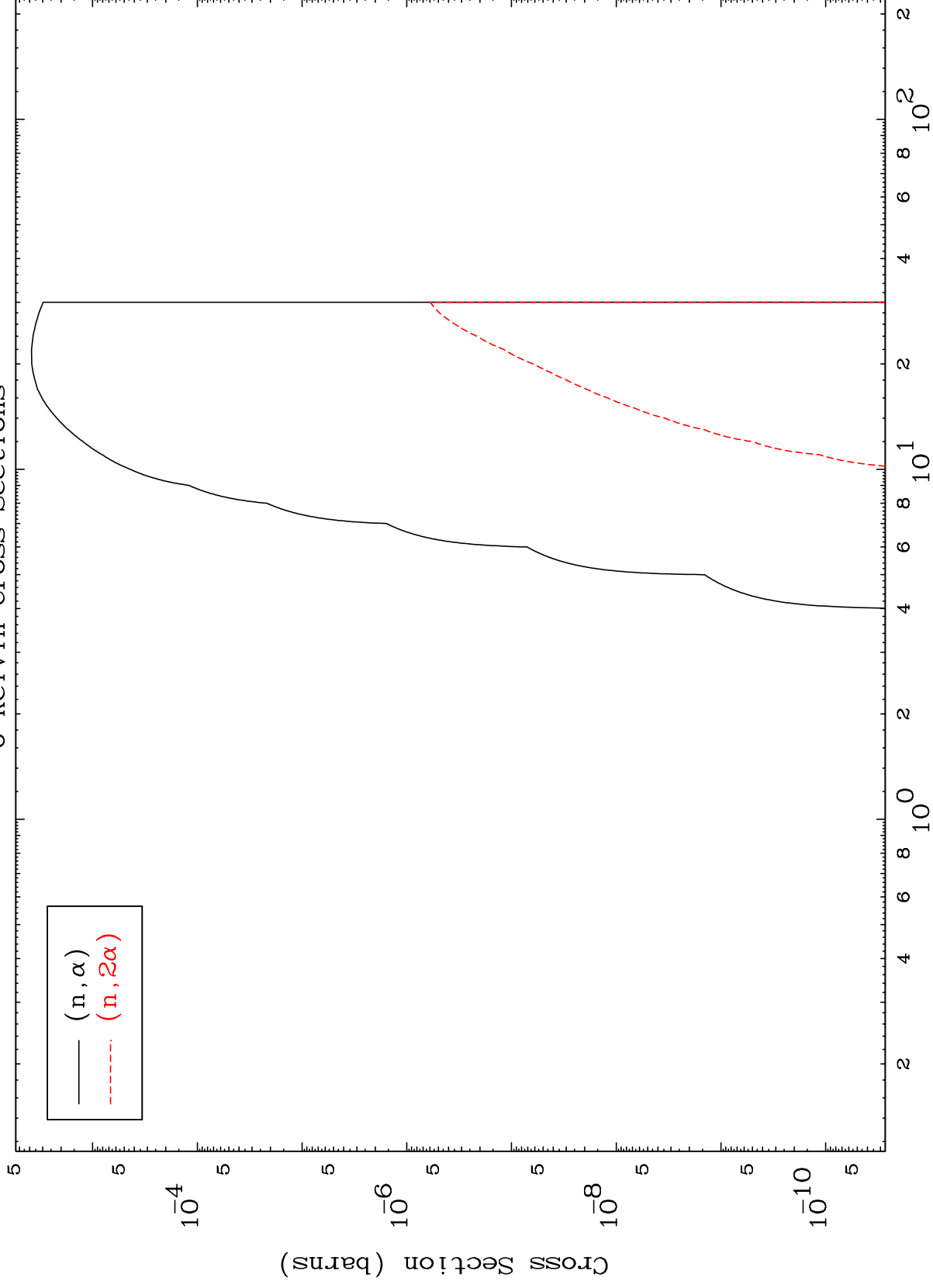
79-Au-191

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(d, α) Levels

79-Au-191

0 Kelvin Cross Sections



12

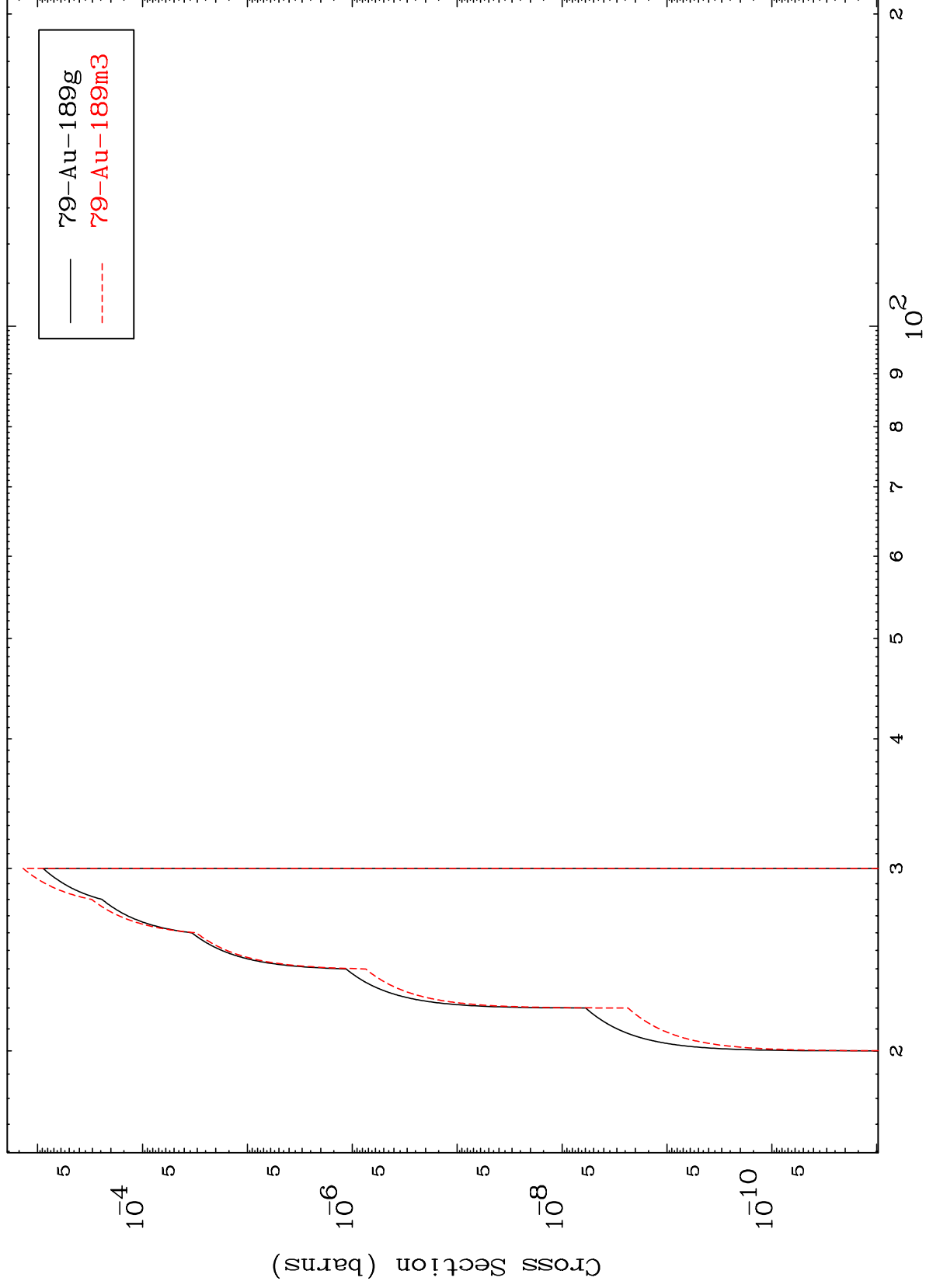
Incident Energy (MeV)

79-Au-191

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79-Au-191

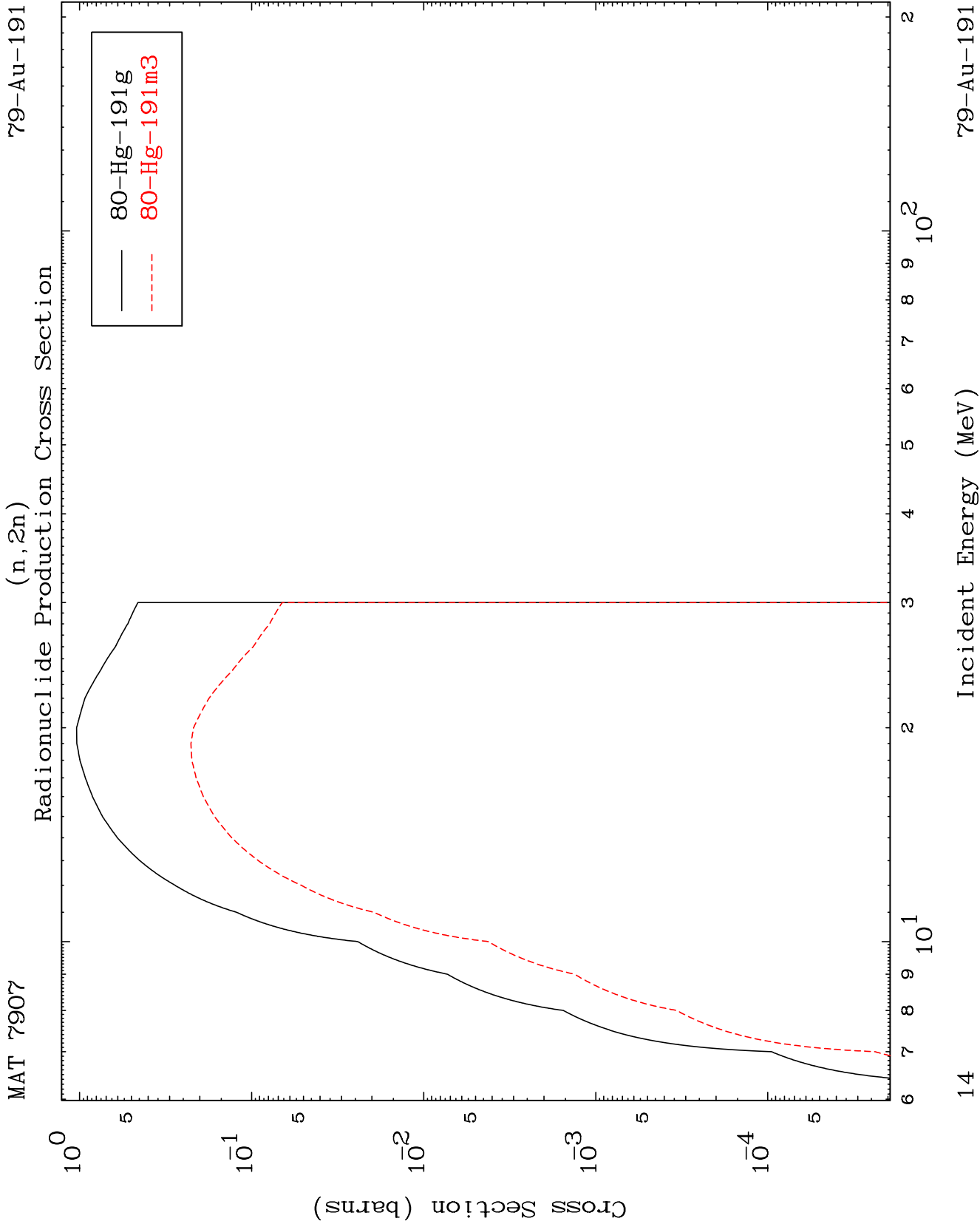
(n,2n) d
Radionuclide Production Cross Section



13

Incident Energy (MeV)

79-Au-191

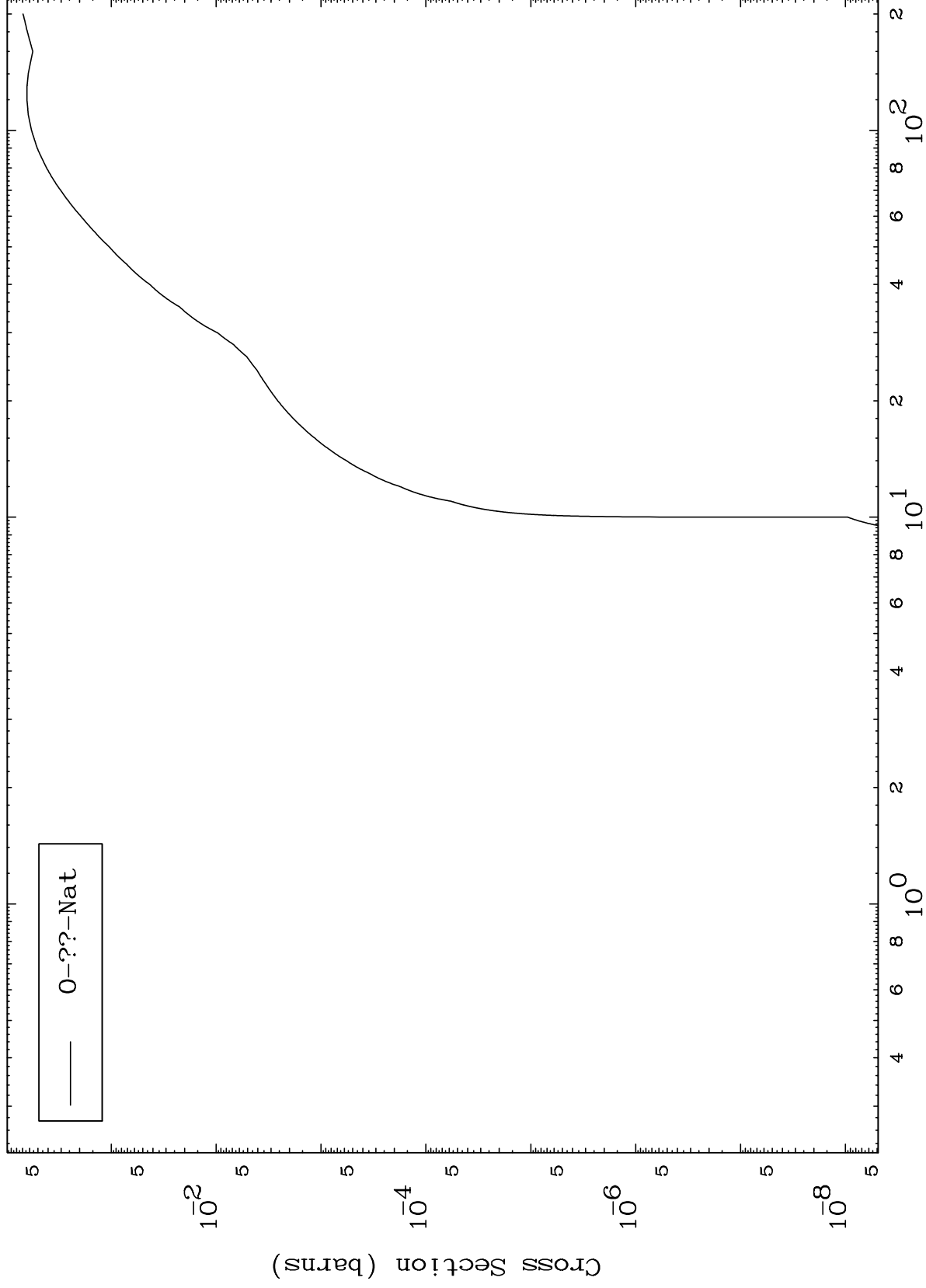


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Fission

⁷⁹Au-191

Radionuclide Production Cross Section



15

Incident Energy (MeV)

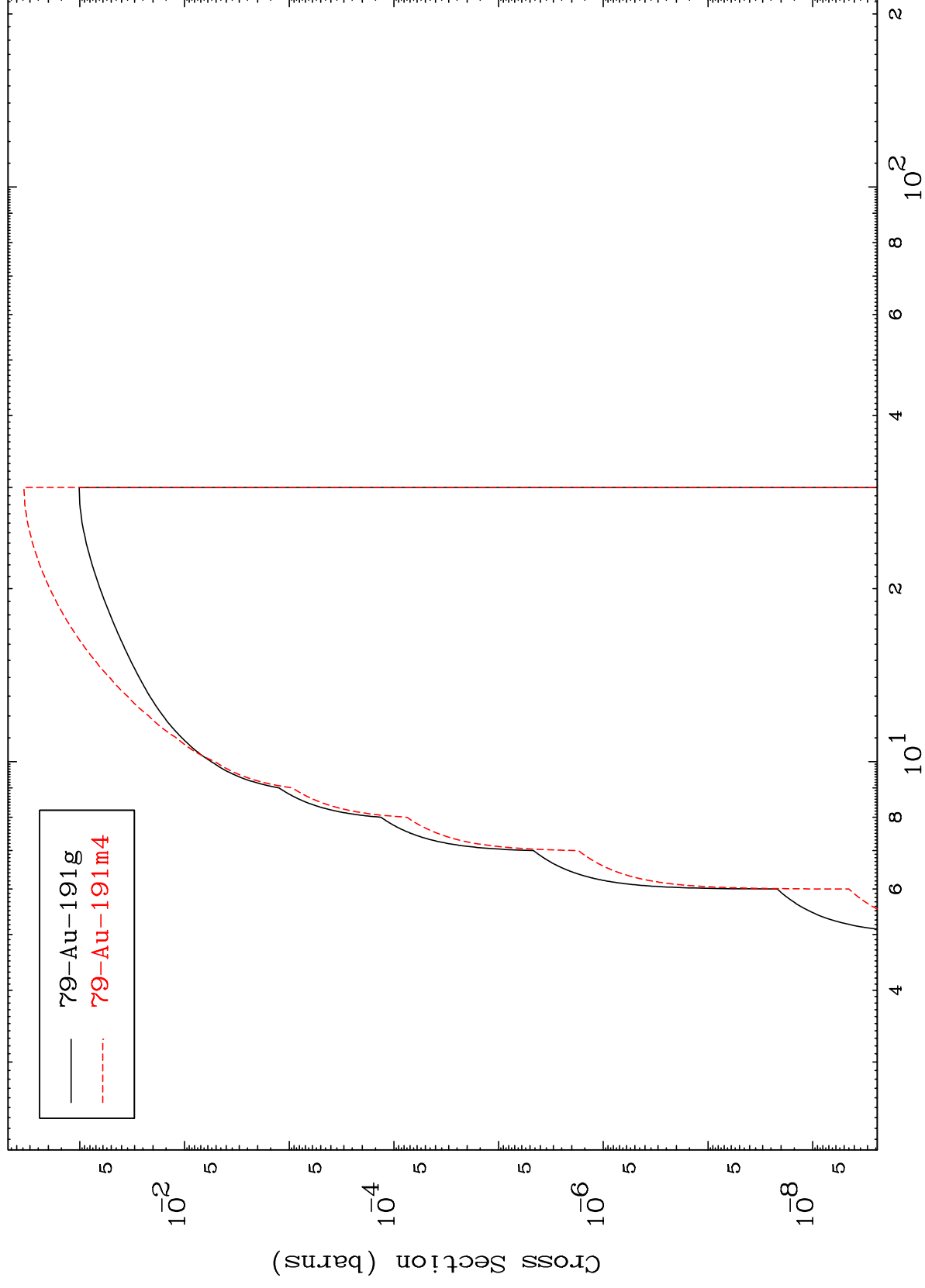
⁷⁹Au-191

MAT 7907

79-Au-191

$$(n, n') \text{ p}$$

Radionuclide Production Cross Section

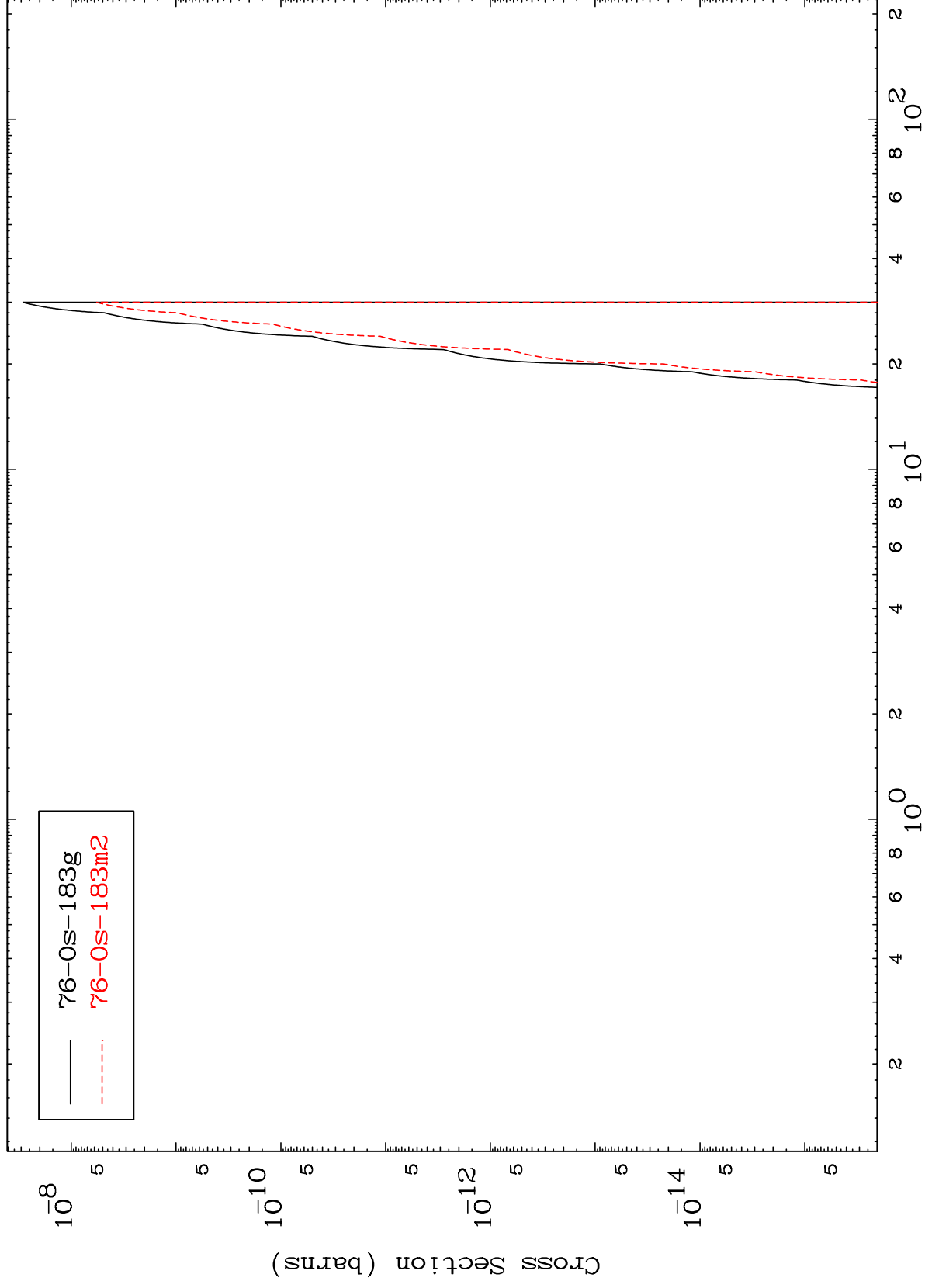


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(n,2n) 2α

79-Au-191

Radionuclide Production Cross Section



17

Incident Energy (MeV)

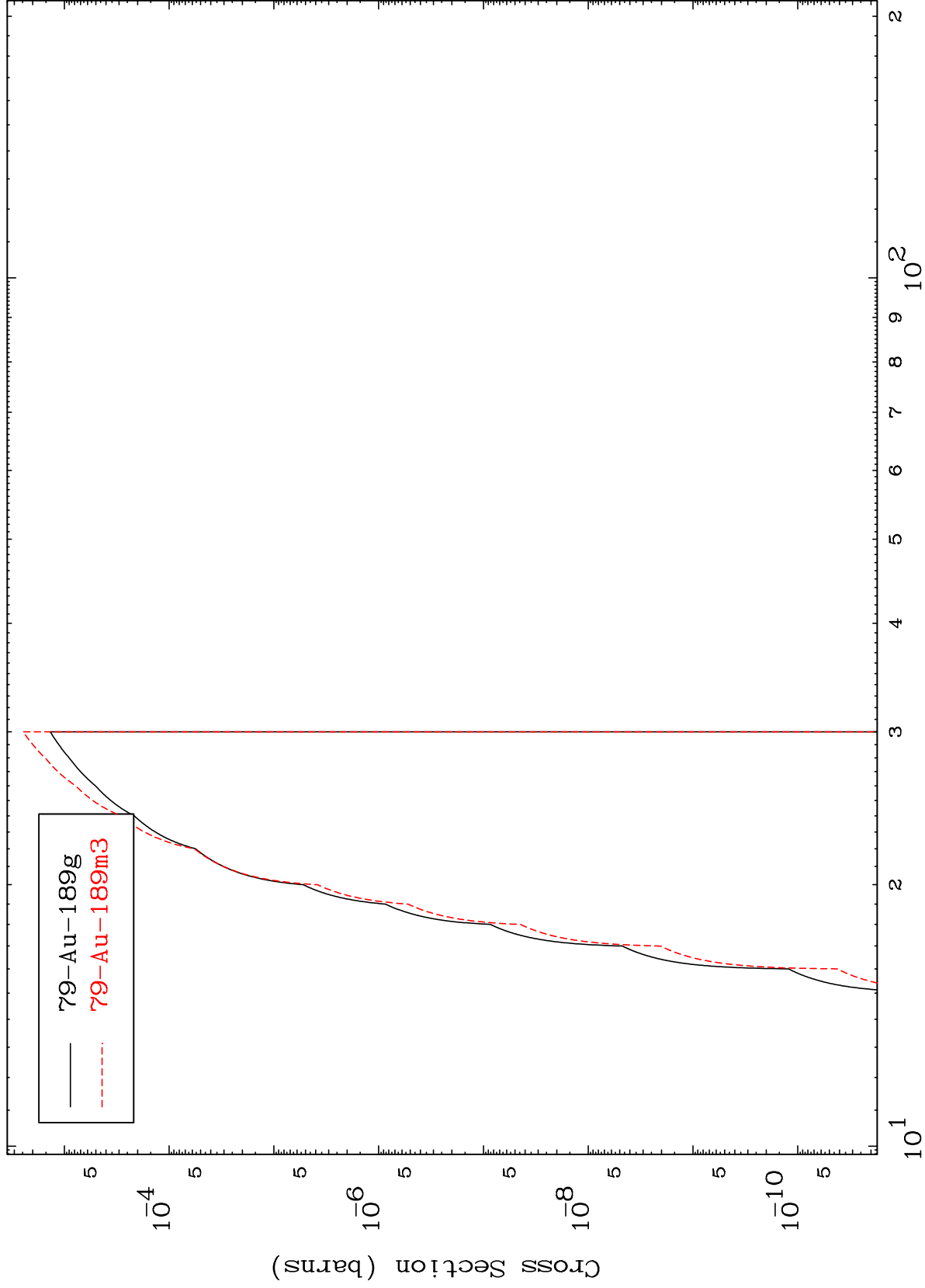
79-Au-191

MAT 7907

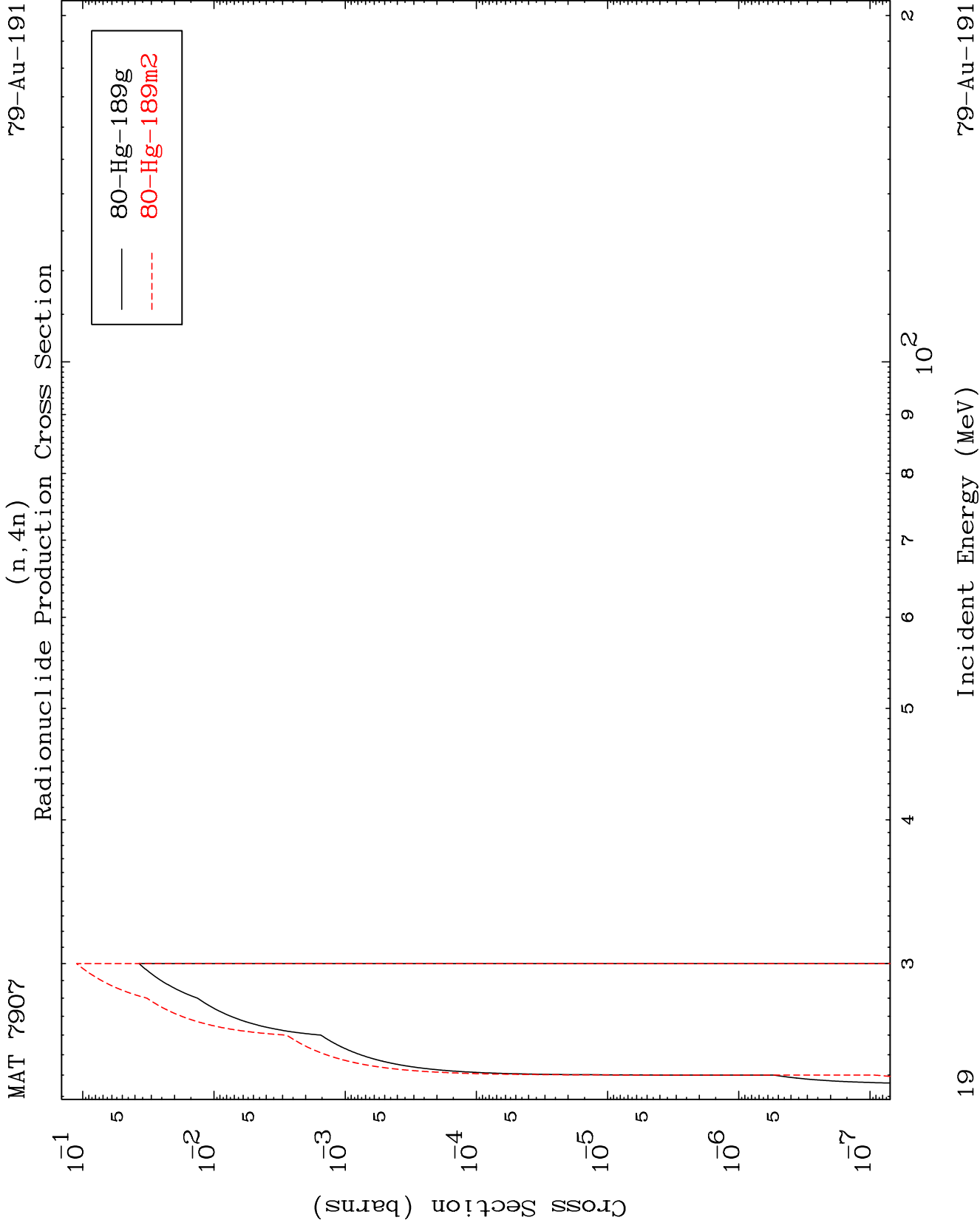
(n,n') t

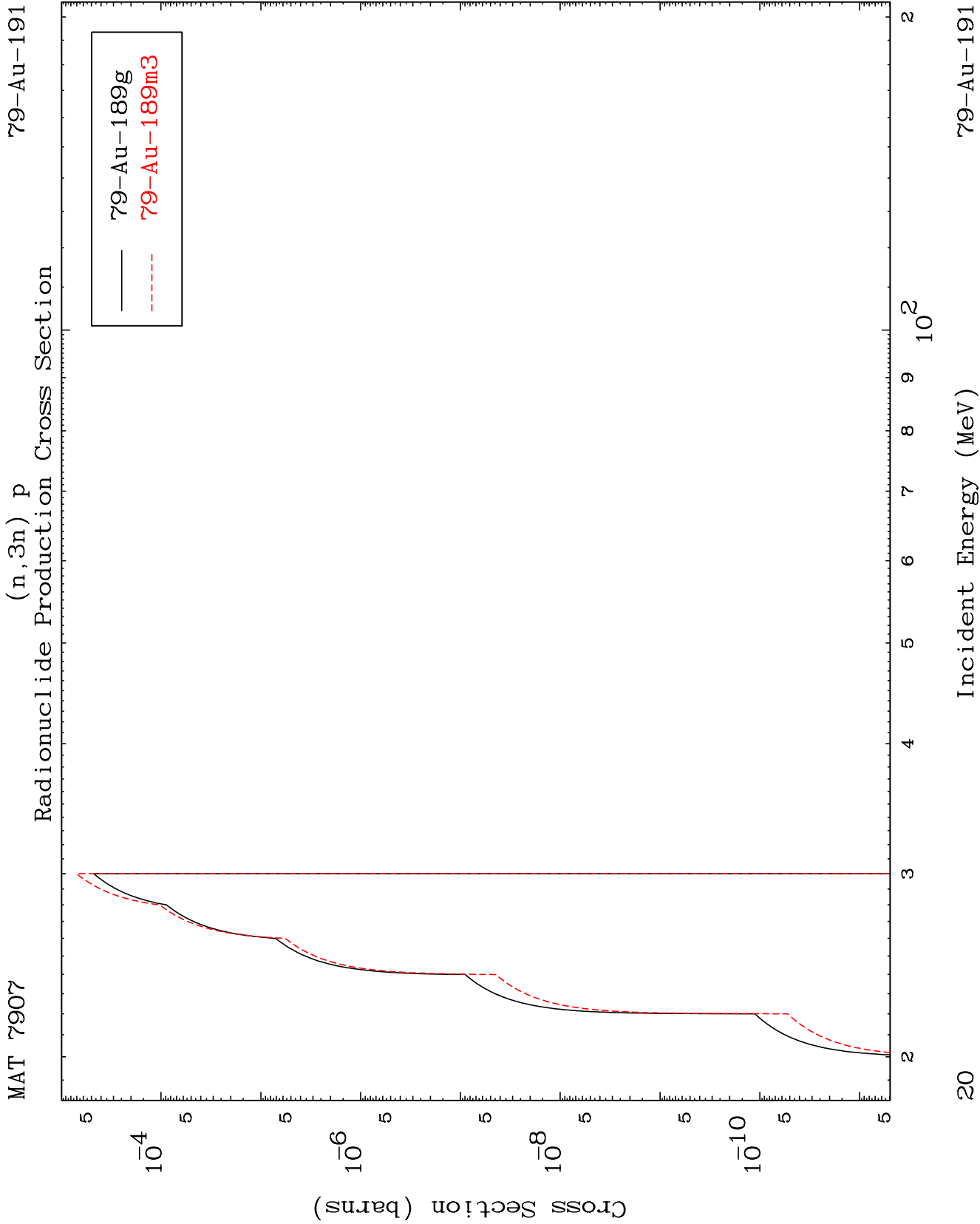
79-Au-191

Radionuclide Production Cross Section

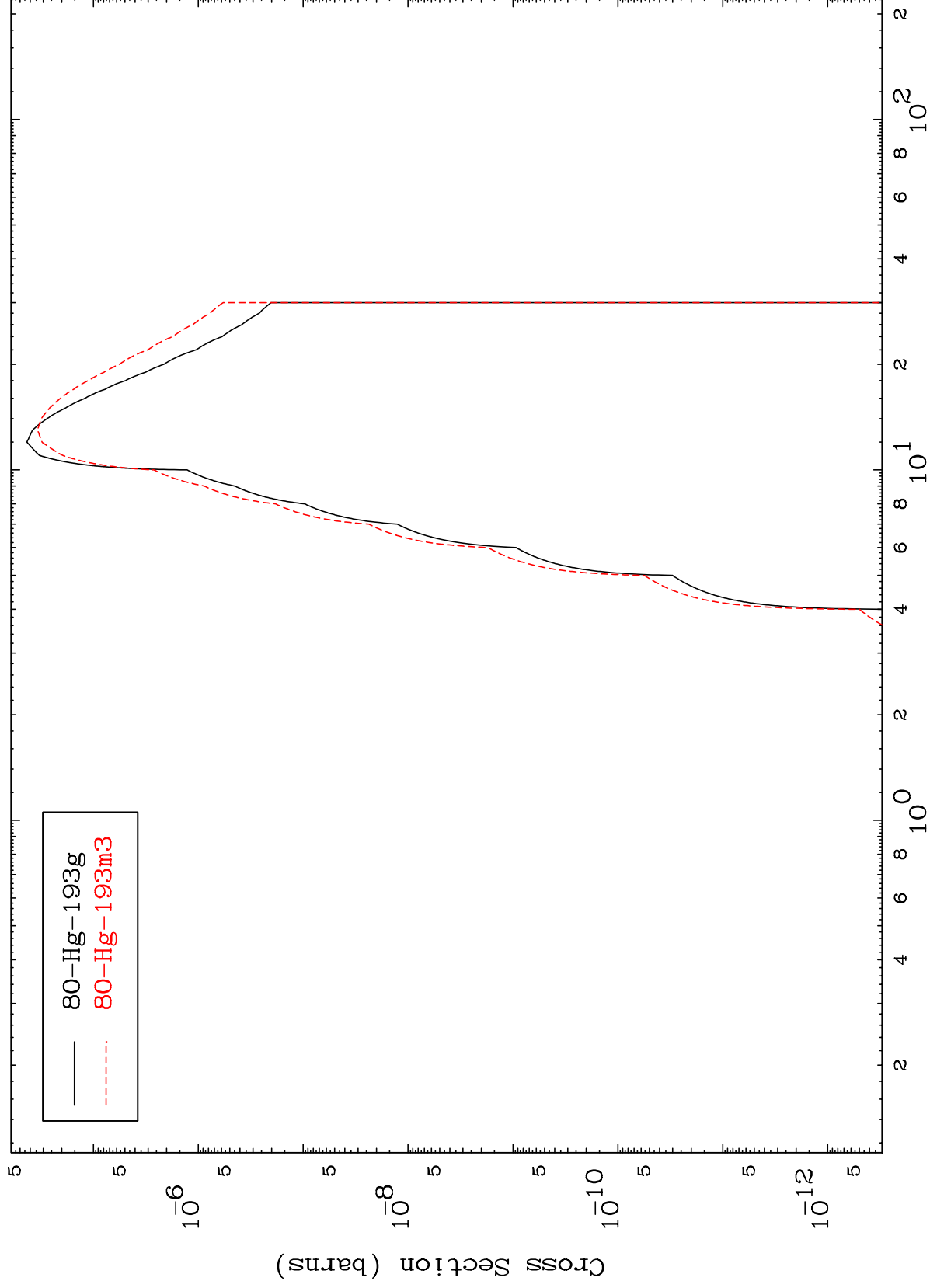


79-Au-191





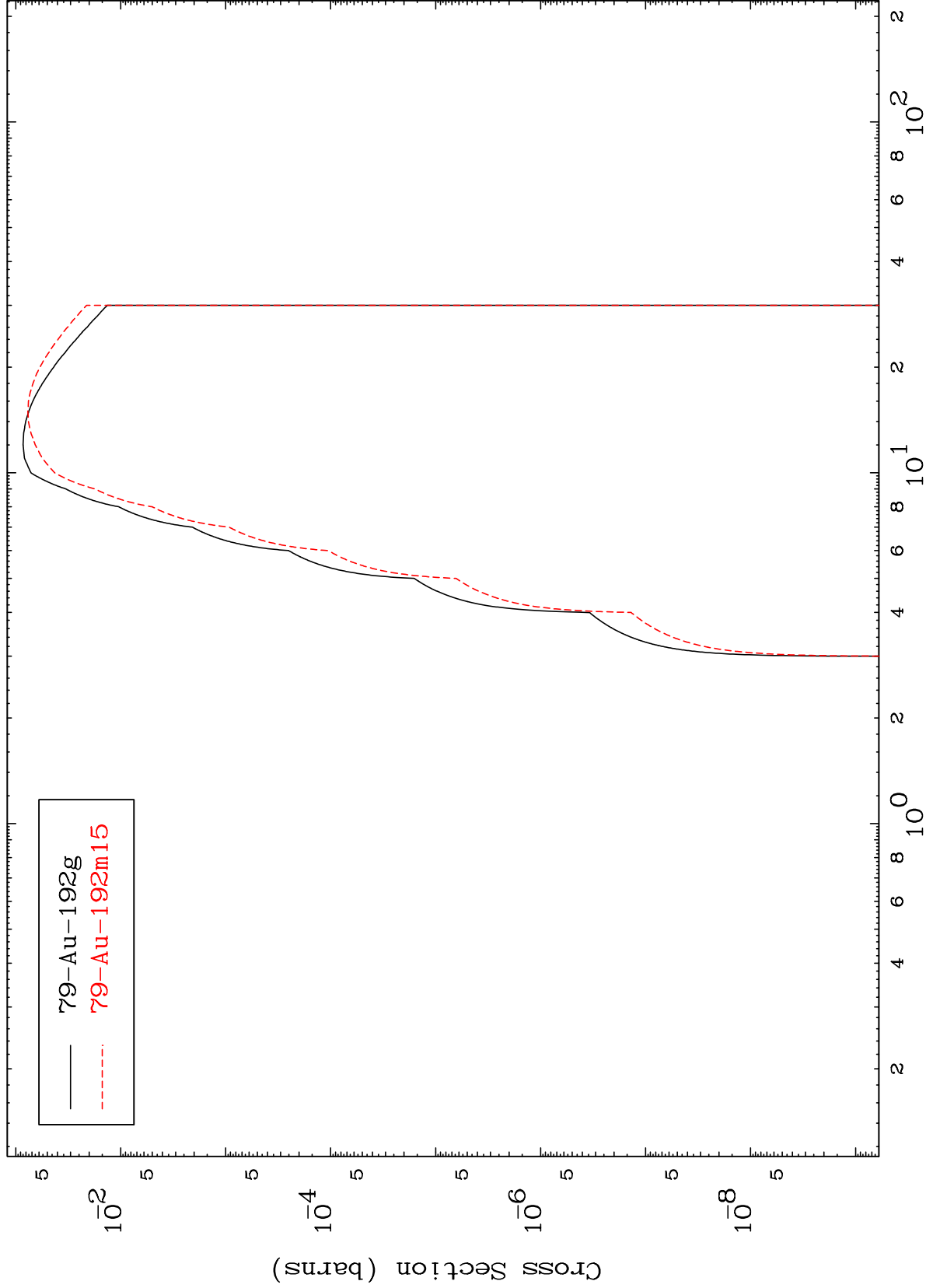
Radionuclide Production Cross Section



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(n,p)
Radionuclide Production Cross Section



22

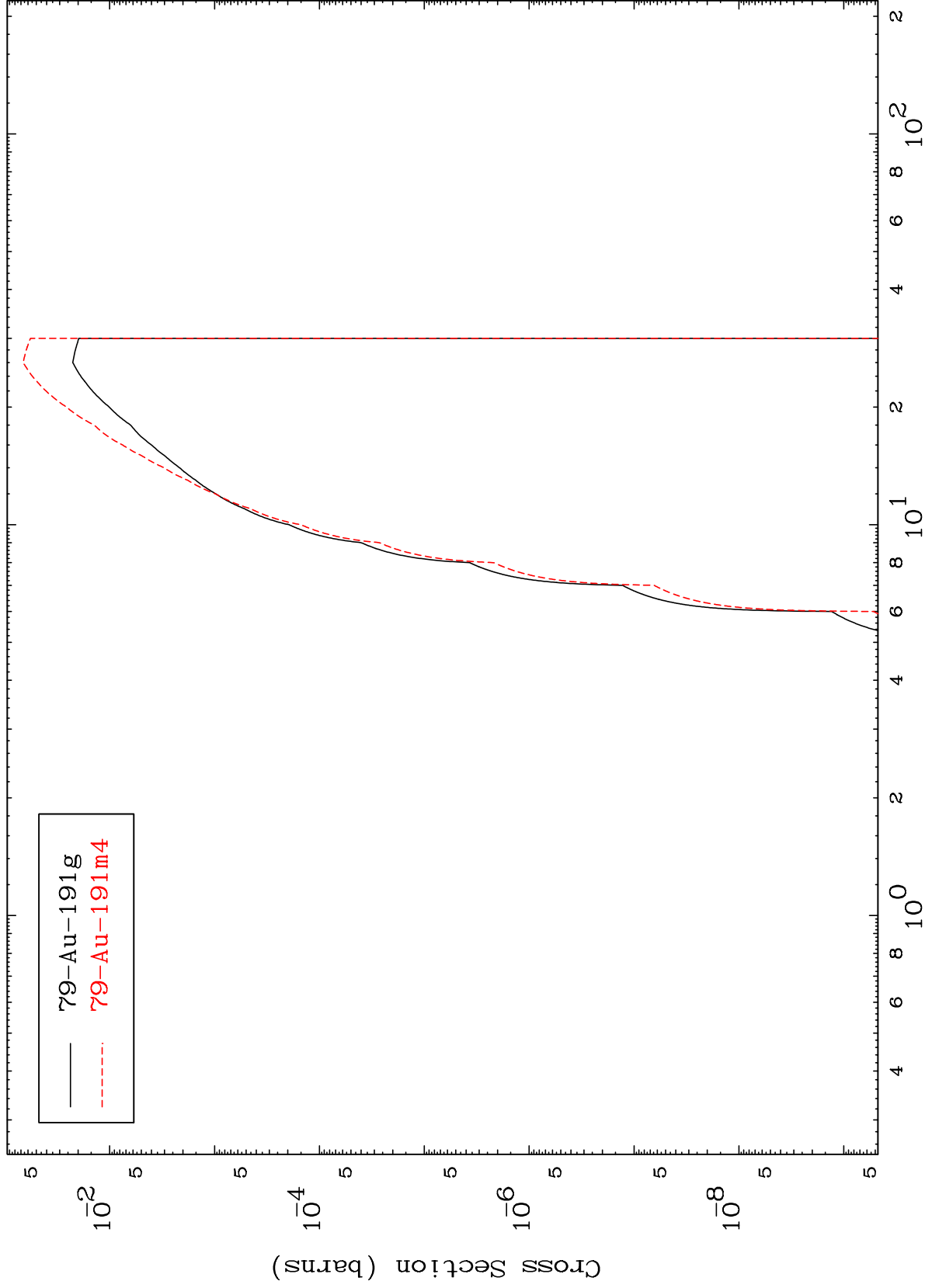
Incident Energy (MeV)

79-Au-191

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79-Au-191

(n,d)
Radionuclide Production Cross Section



23

Incident Energy (MeV)

79-Au-191