

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

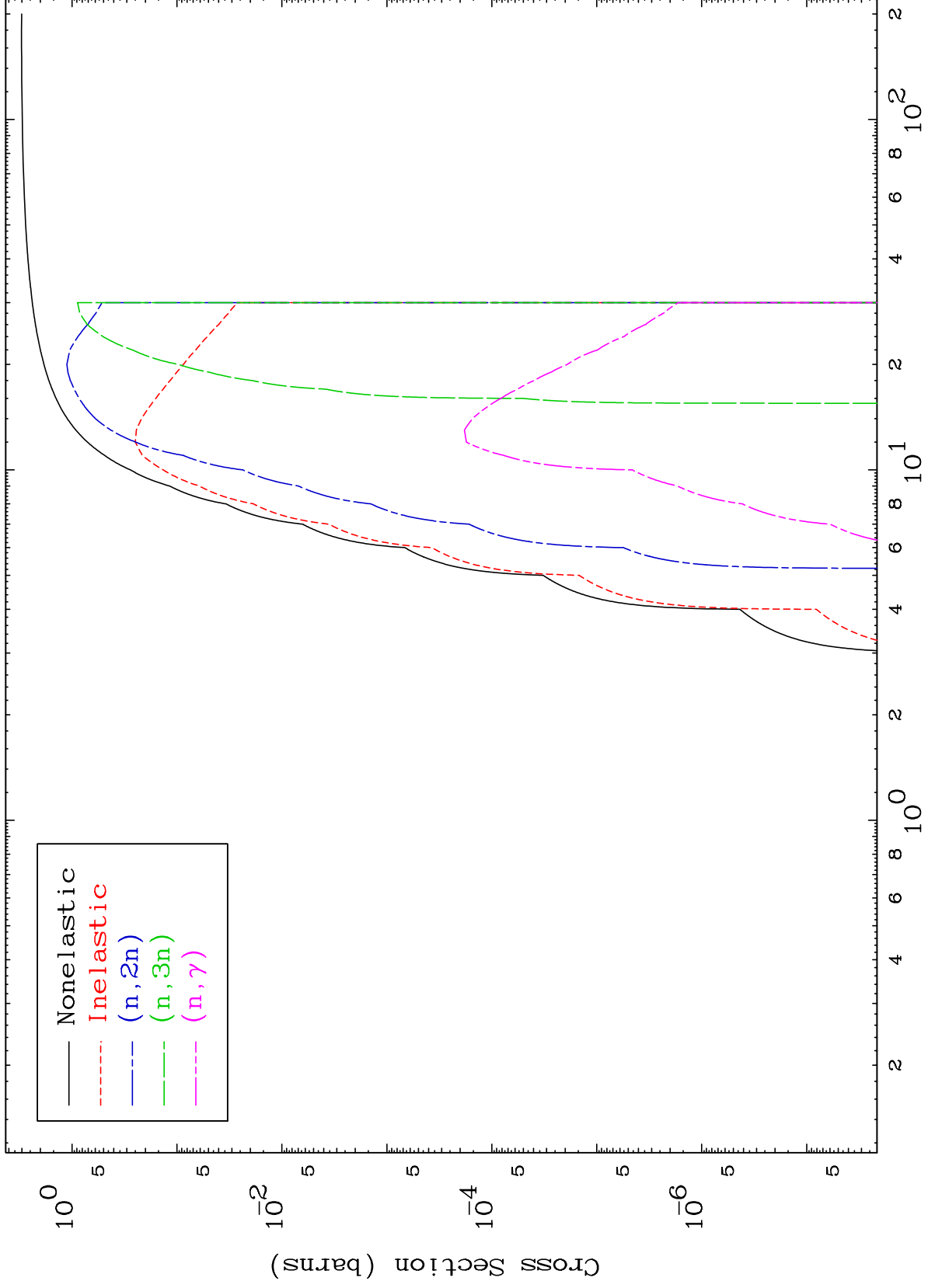
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

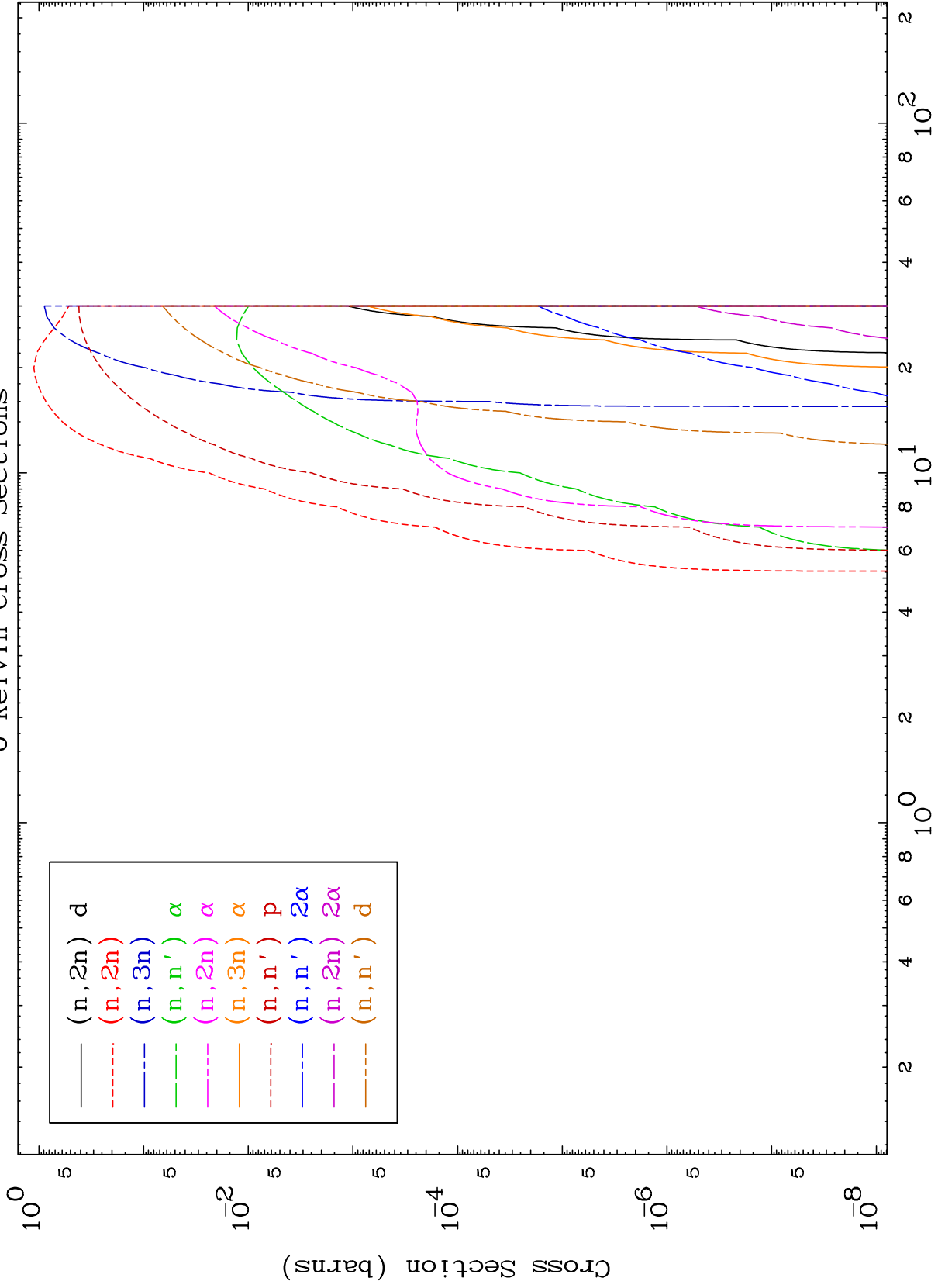
Tele: 925-443-1911

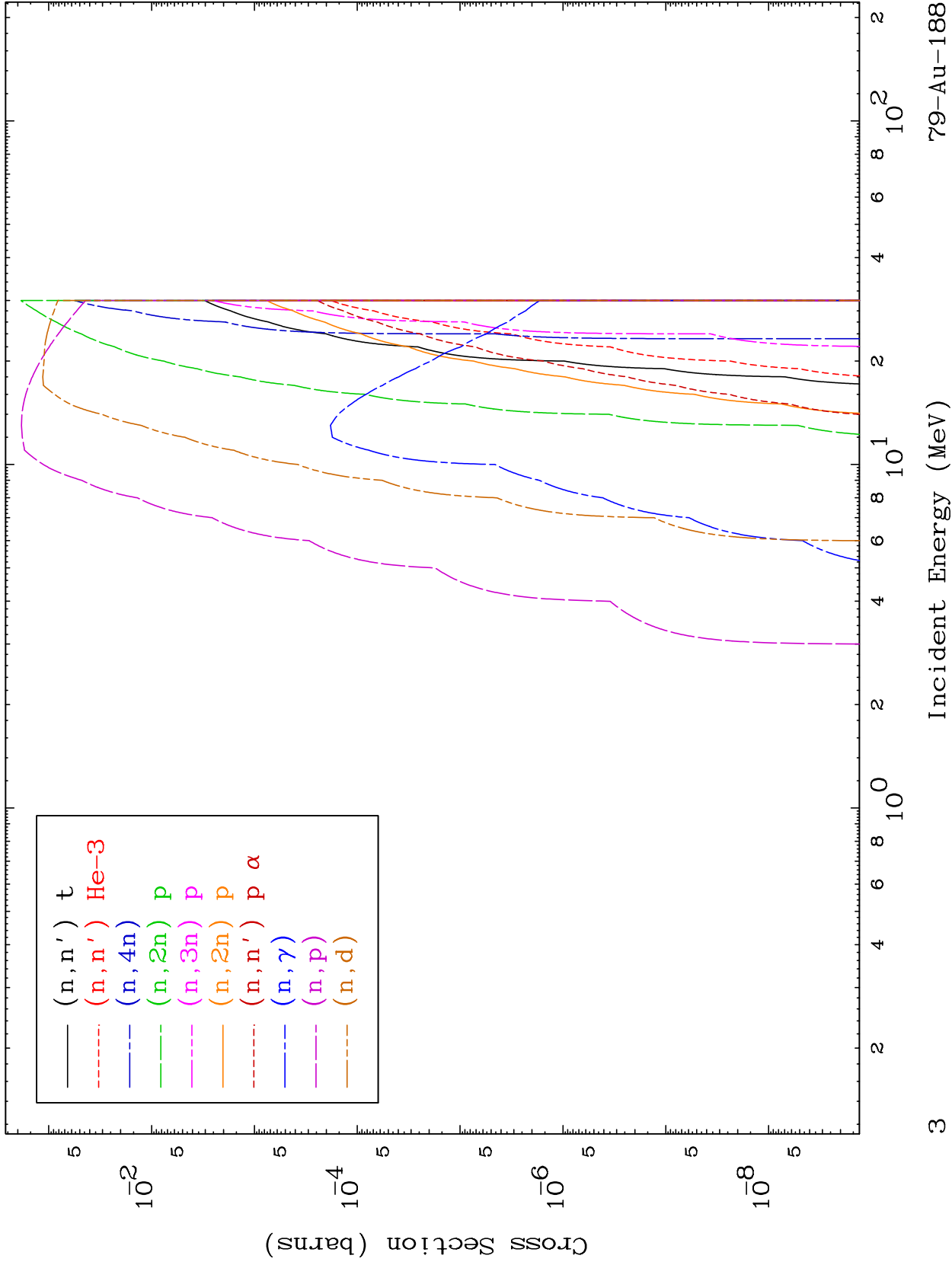
E.Mail: redcullen1@comcast.net

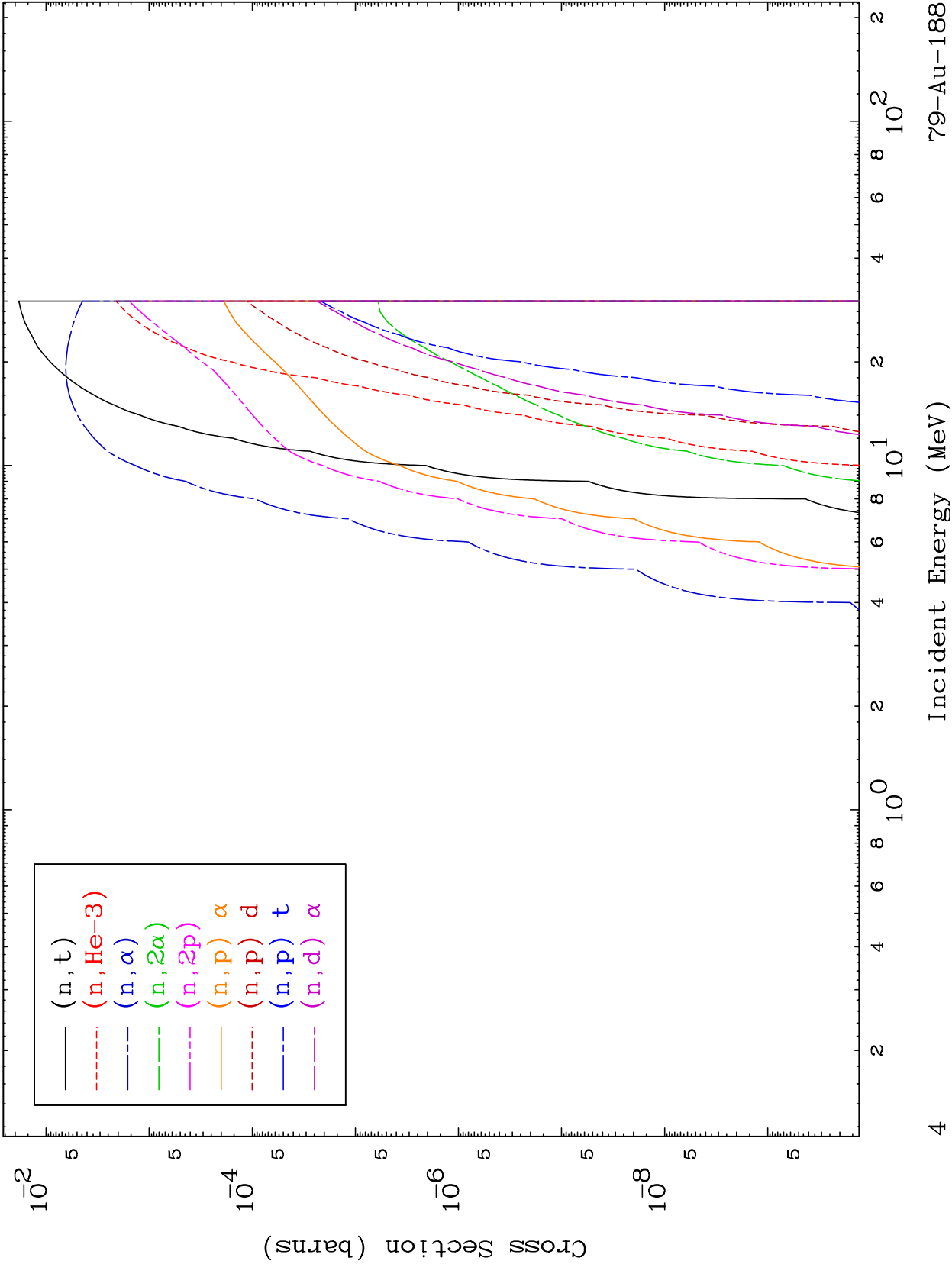
Web: redcullen1.net/HOMEPAGE.NEW

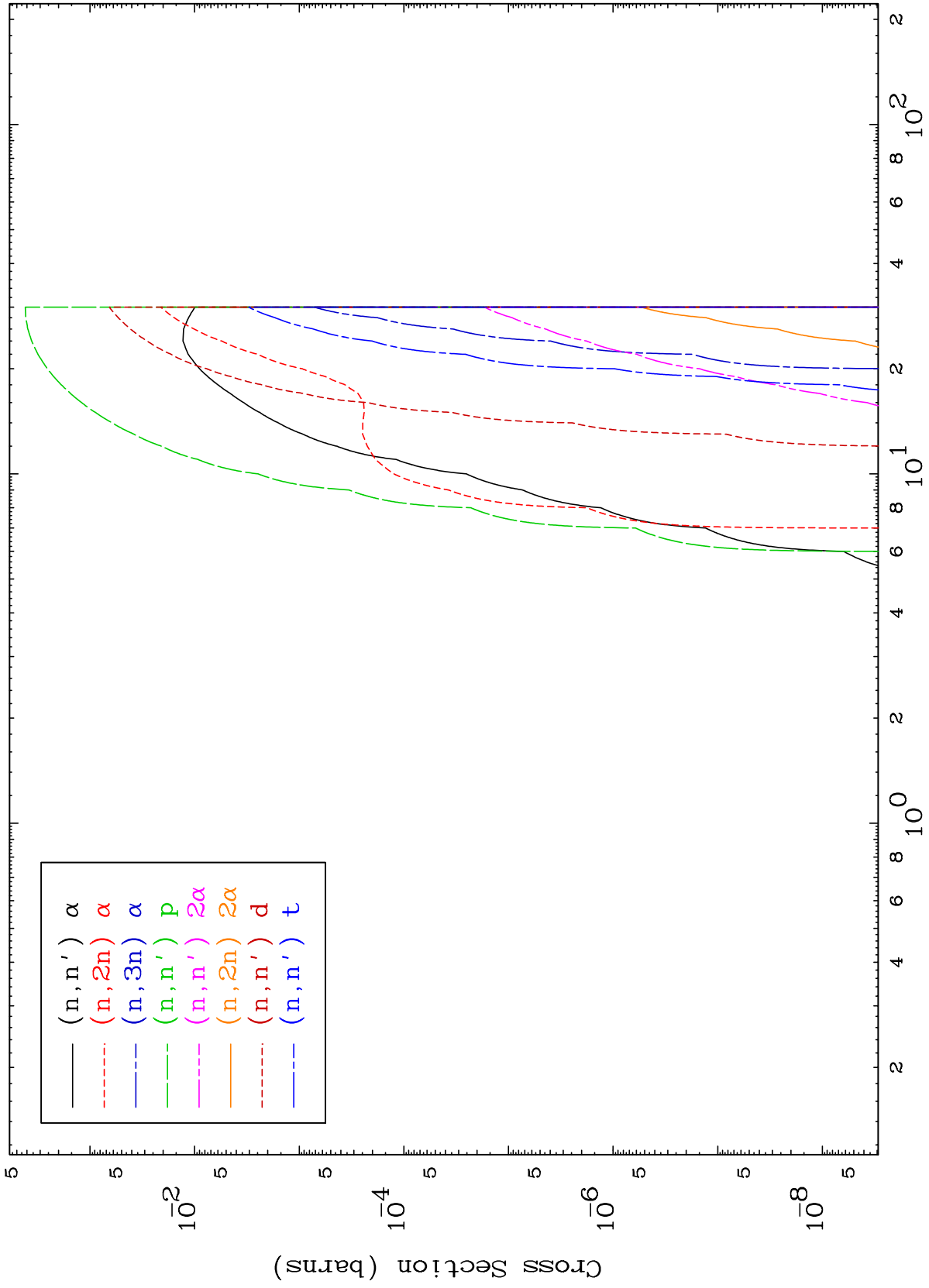
Press Mouse Button to Start

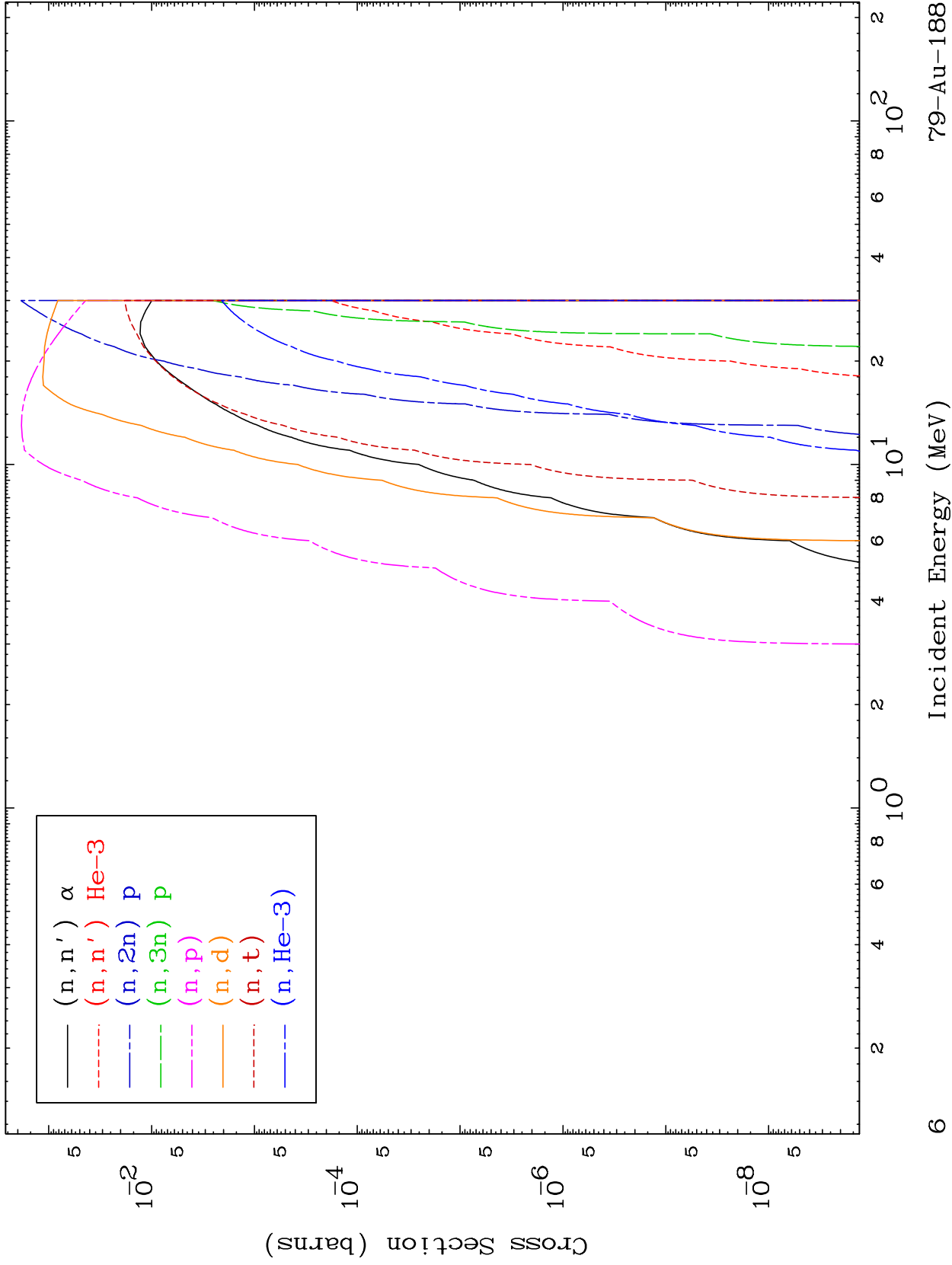


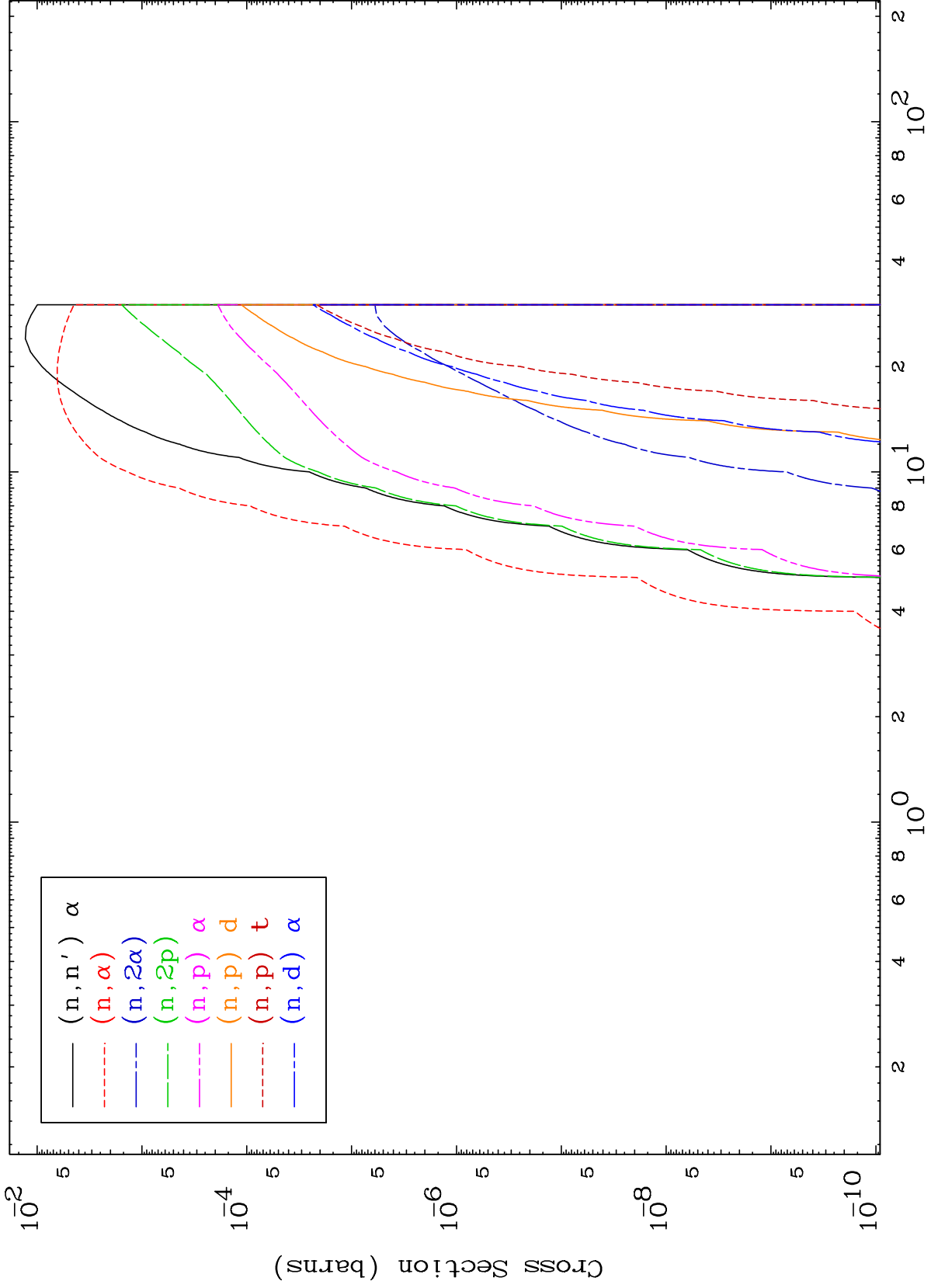










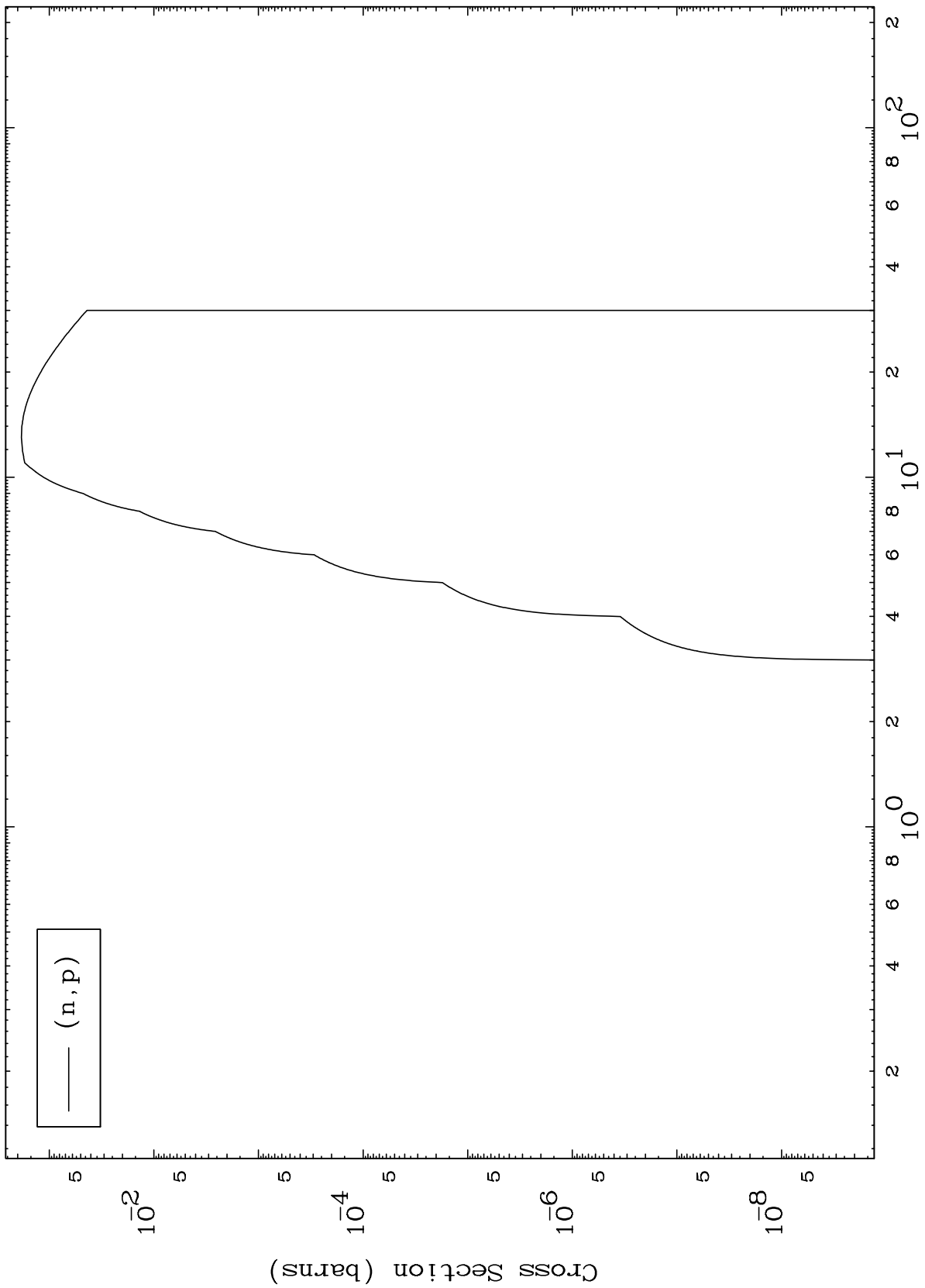


MAT 7898

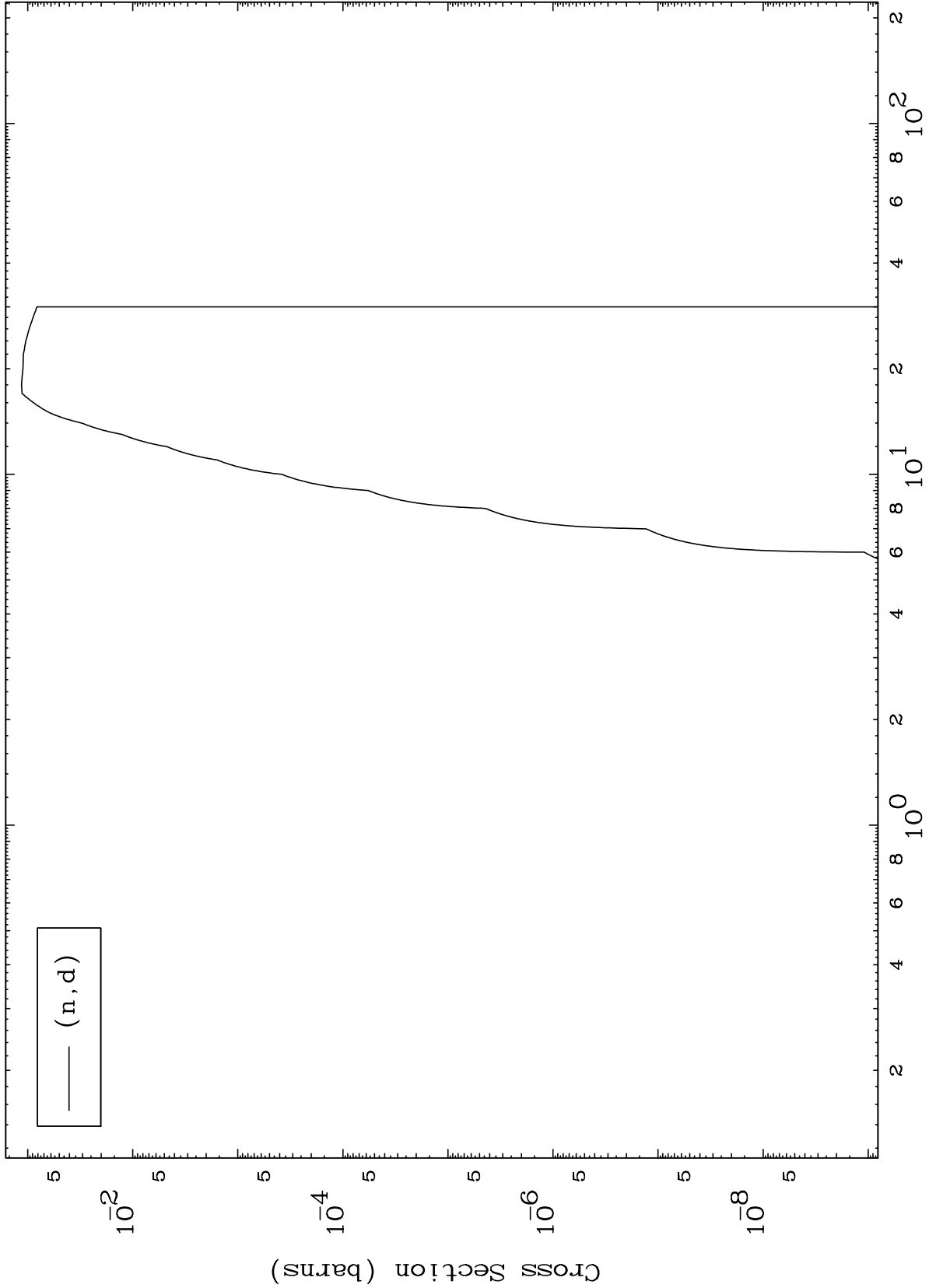
(d,p) Levels

79-Au-188

0 Kelvin Cross Sections



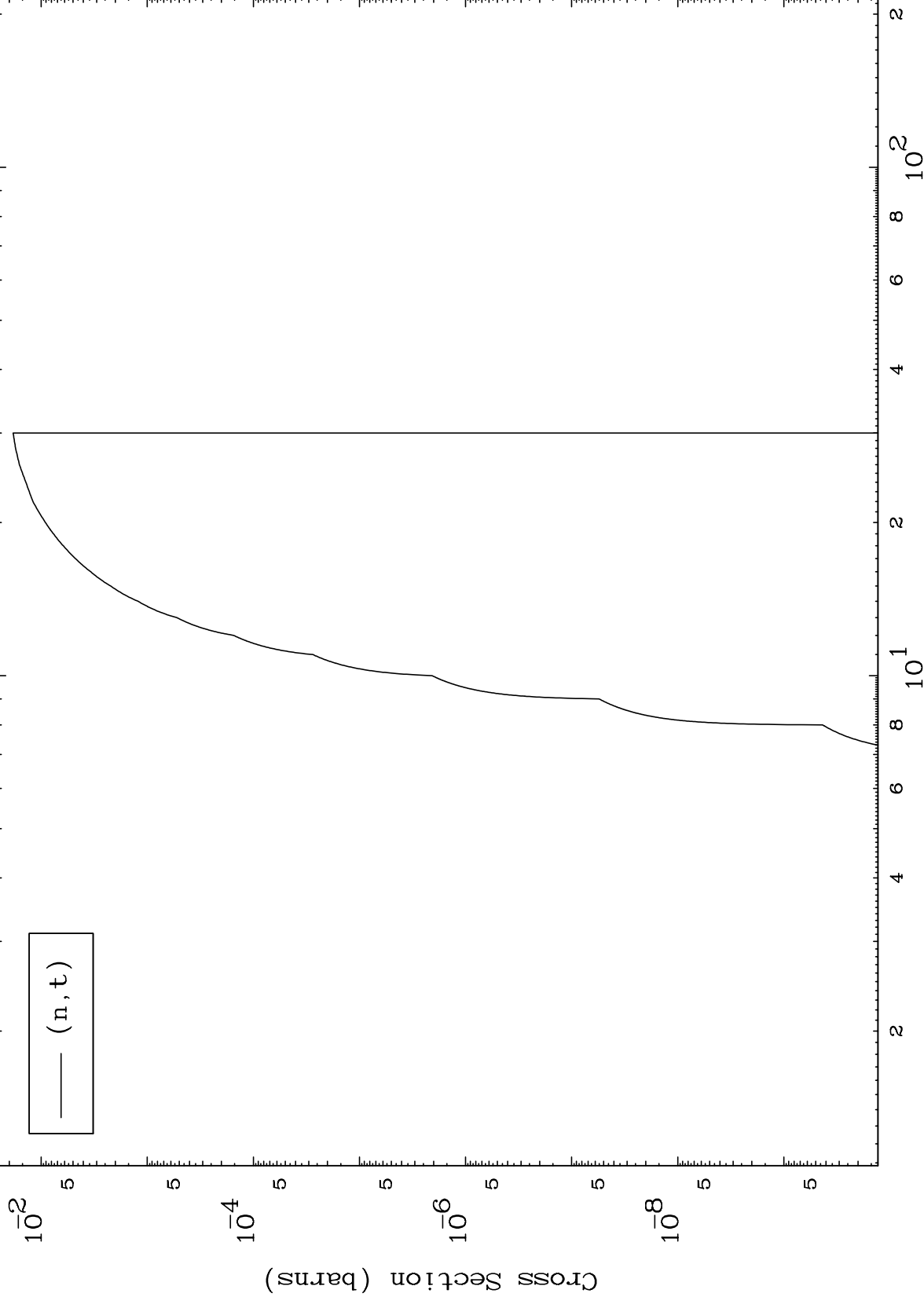
0 Kelvin Cross Sections



MAT 7898

(d, t) Levels
0 Kelvin Cross Sections

79-Au-188



10

Incident Energy (MeV)

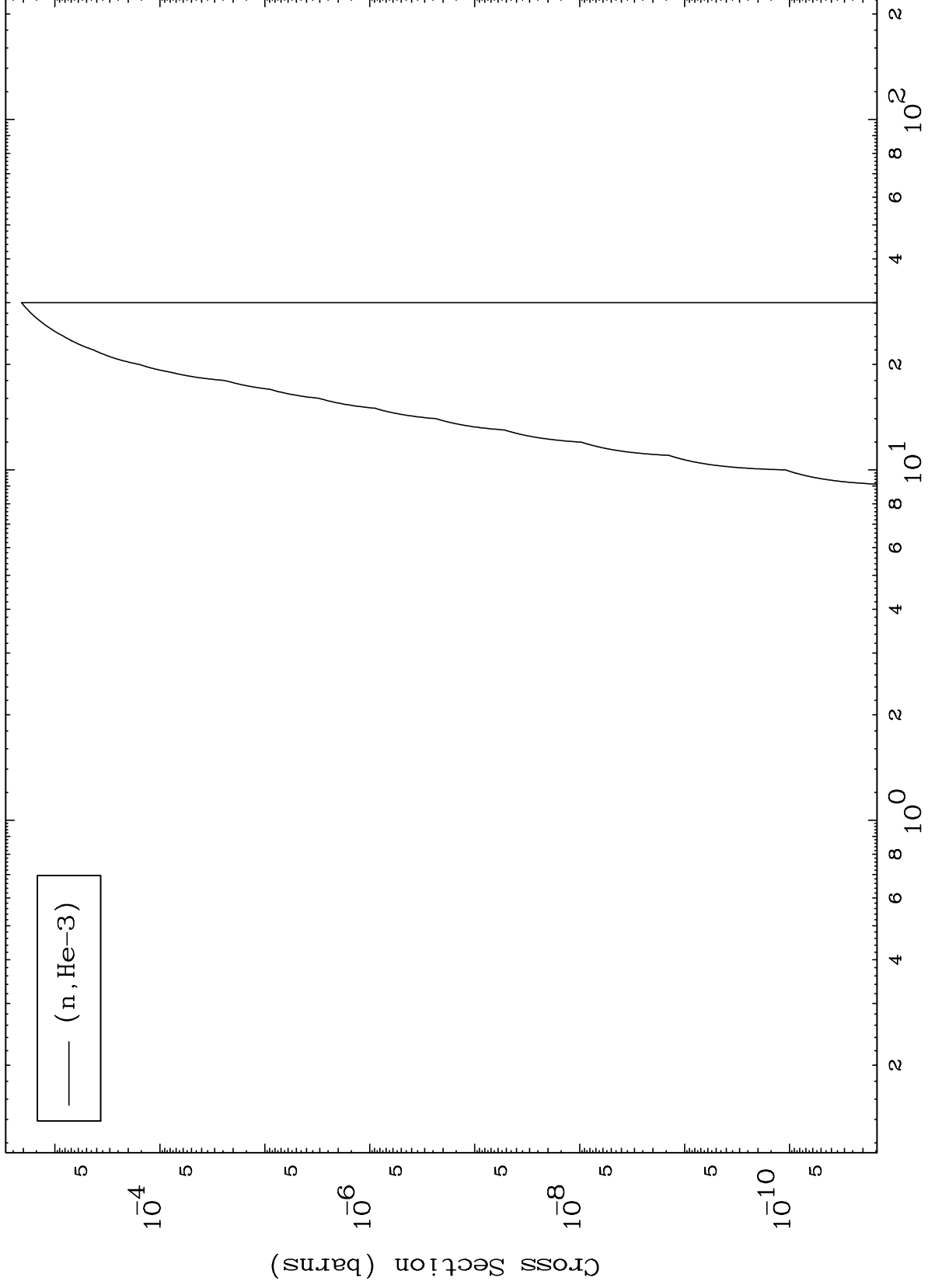
79-Au-188

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(d,He3) Levels

79-Au-188

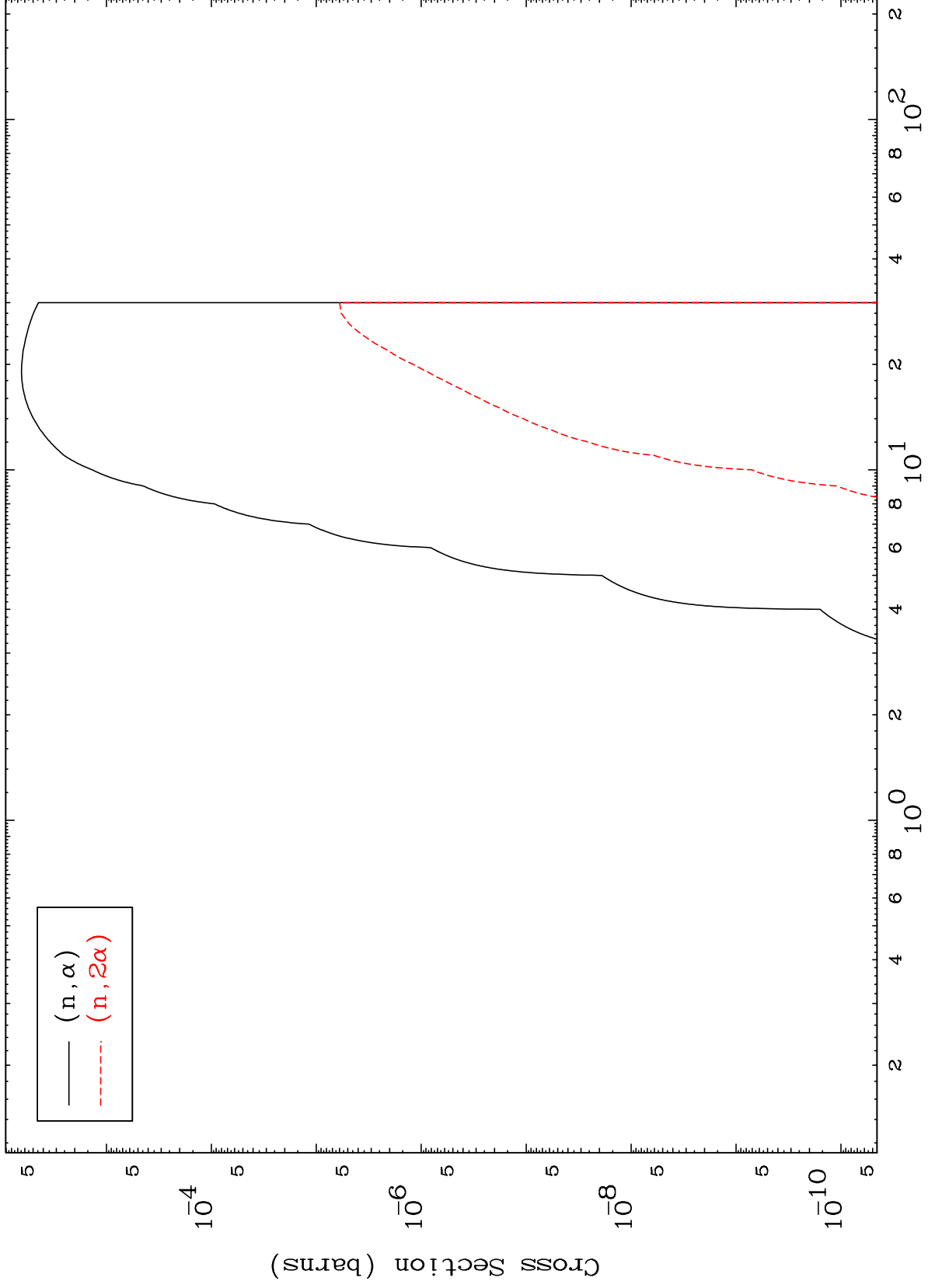
0 Kelvin Cross Sections



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(d, α) Levels
0 Kelvin Cross Sections

79-Au-188



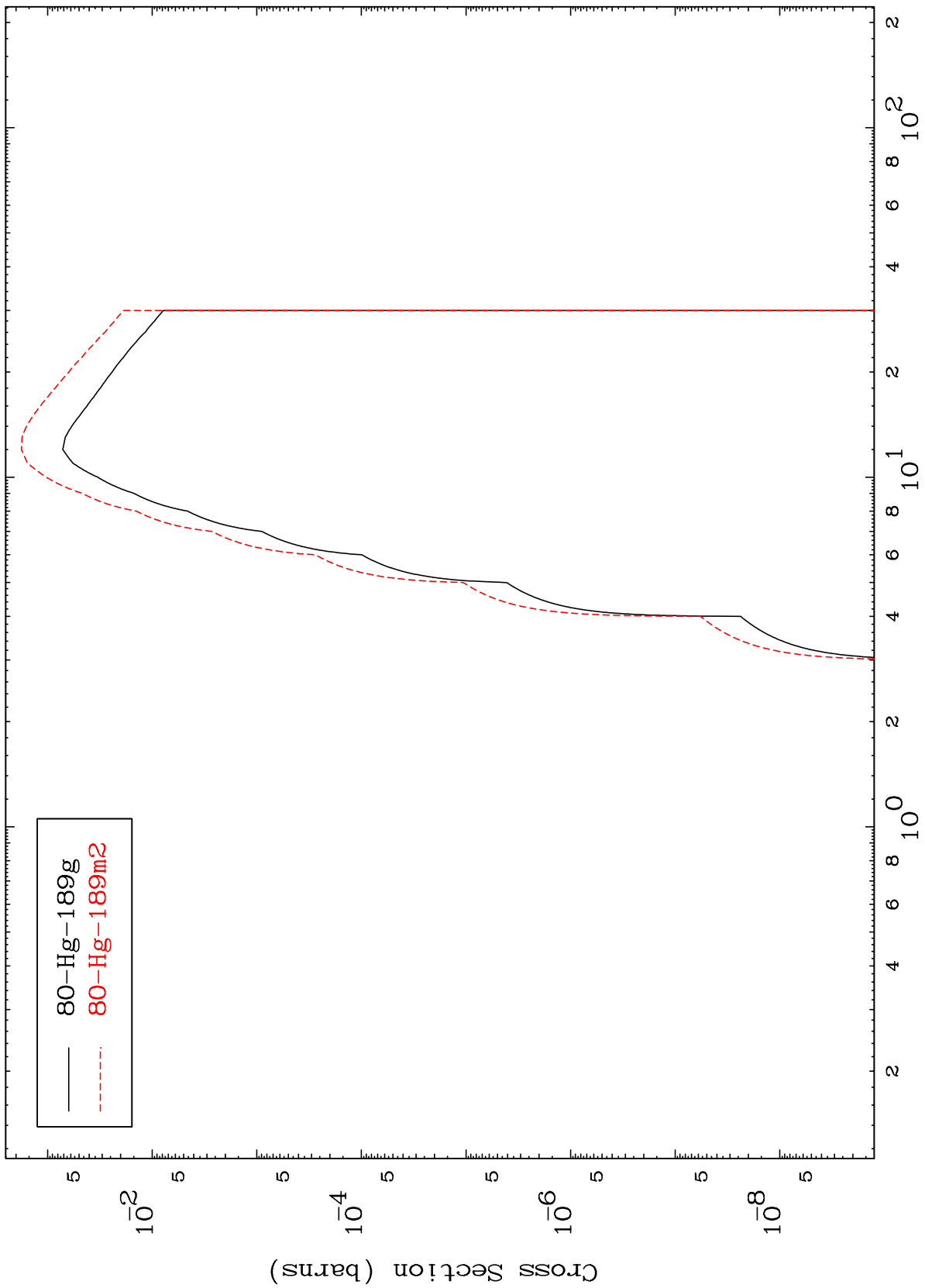
12

79-Au-188

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79-Au-188

Inelastic
Radionuclide Production Cross Section



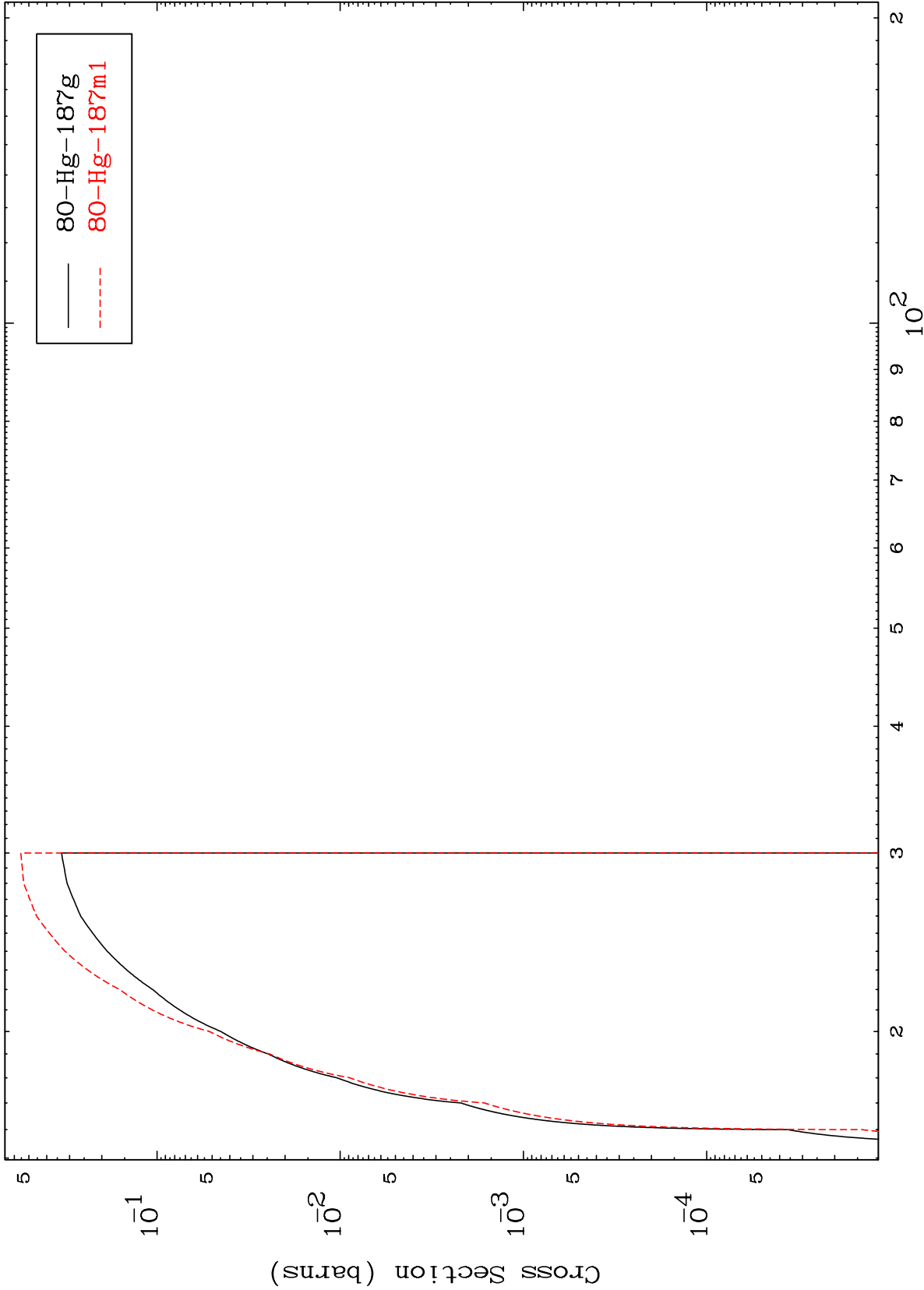
— 80-Hg-189g
- - - 80-Hg-189m2

79-Au-188

Incident Energy (MeV)

13

Radionuclide Production Cross Section

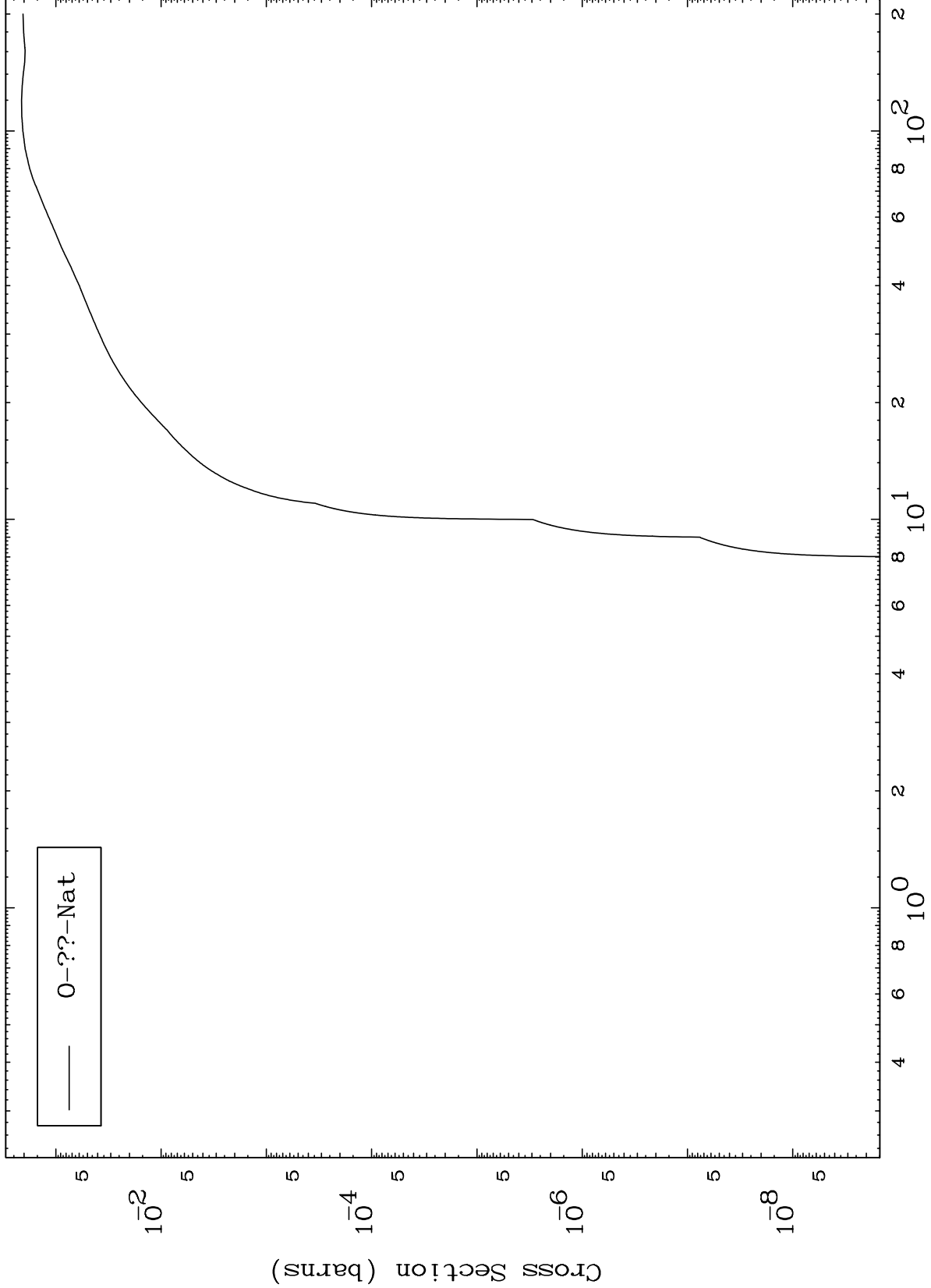


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Fission

⁷⁹Au-188

Radionuclide Production Cross Section



15

Incident Energy (MeV)

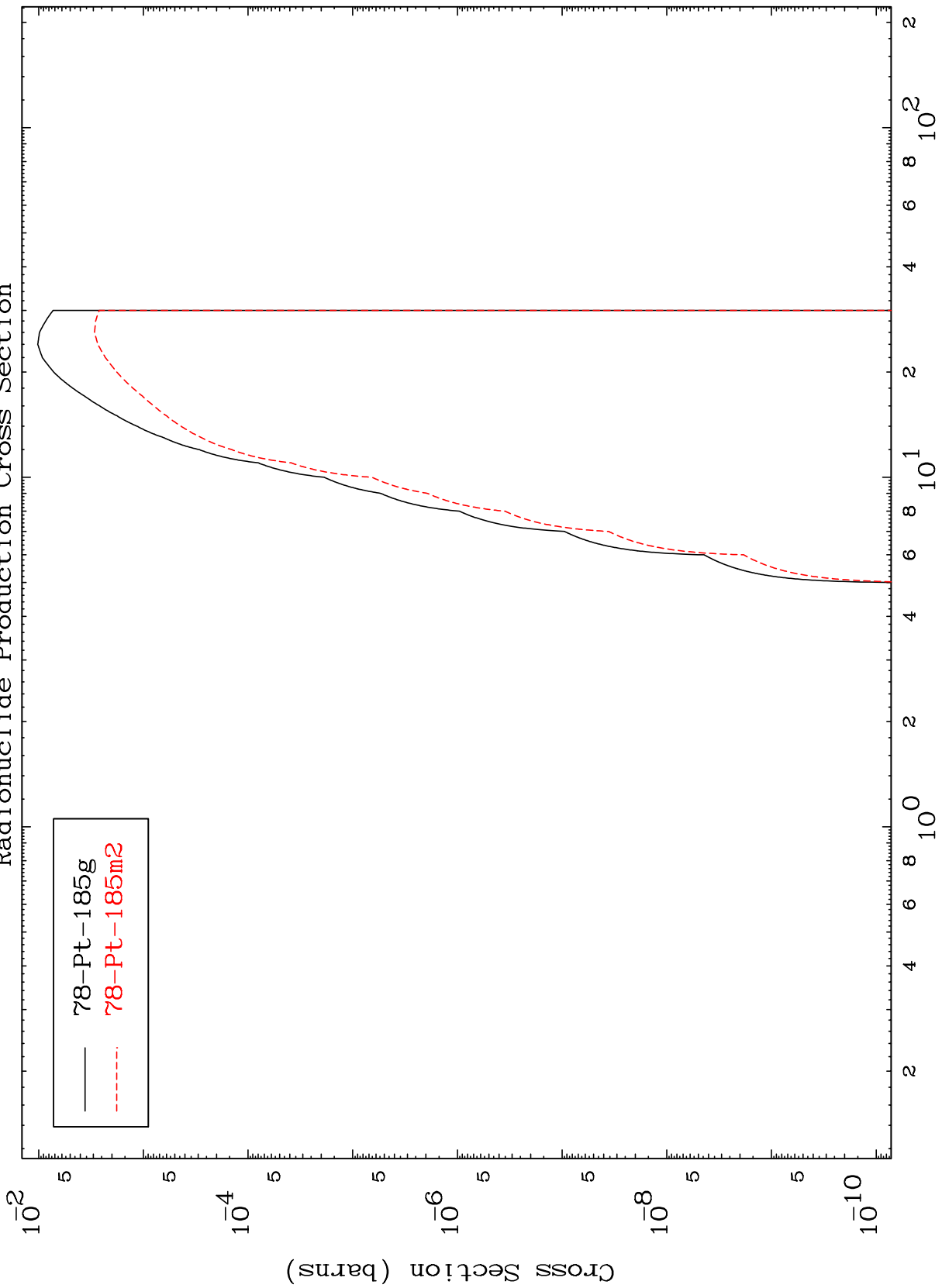
⁷⁹Au-188

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$(n, n') \alpha$

79-Au-188

Radionuclide Production Cross Section



78-Pt-185g
78-Pt-185m2

16

Incident Energy (MeV)

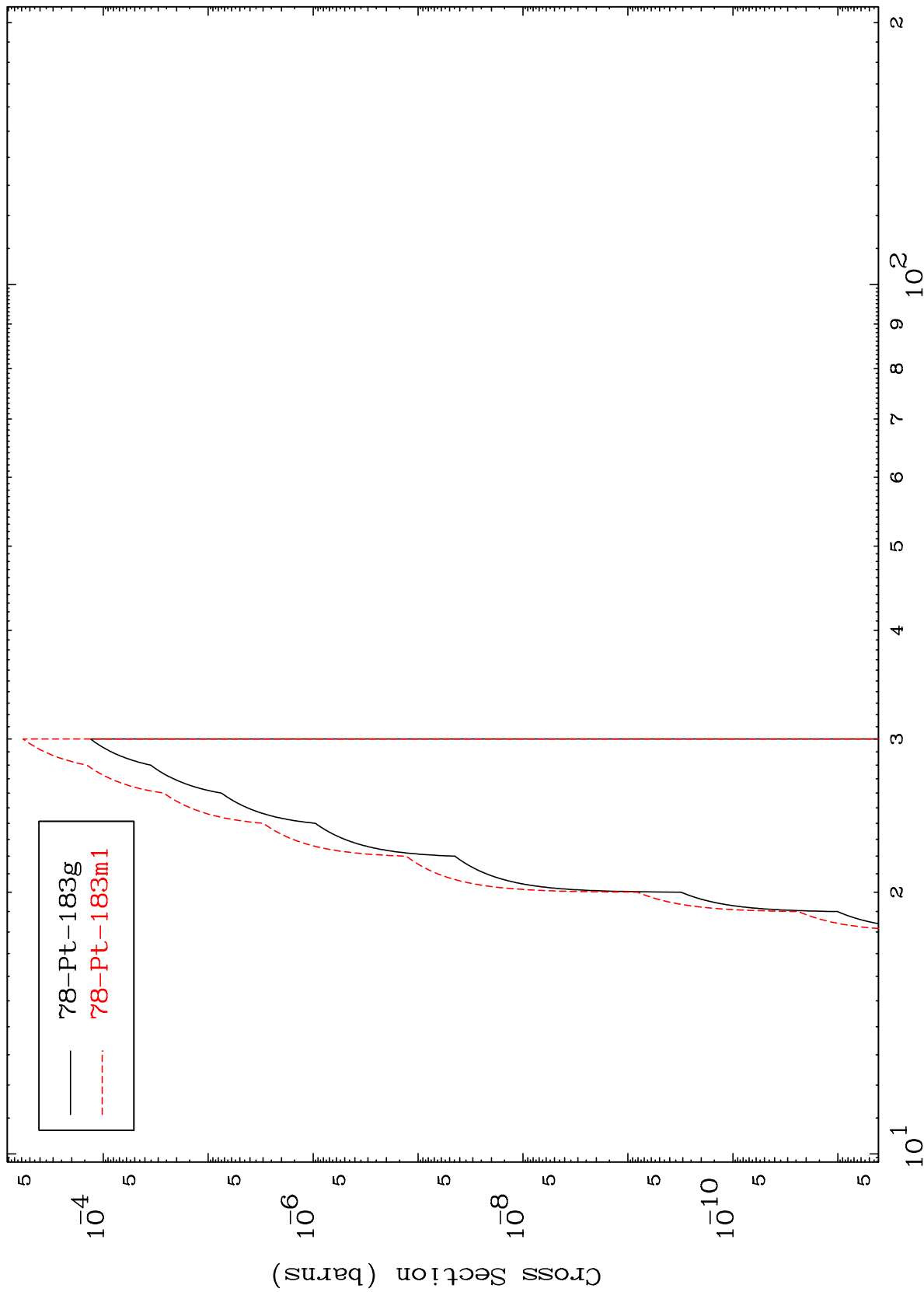
79-Au-188

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(n,3n) α

79-Au-188

Radionuclide Production Cross Section



17

Incident Energy (MeV)

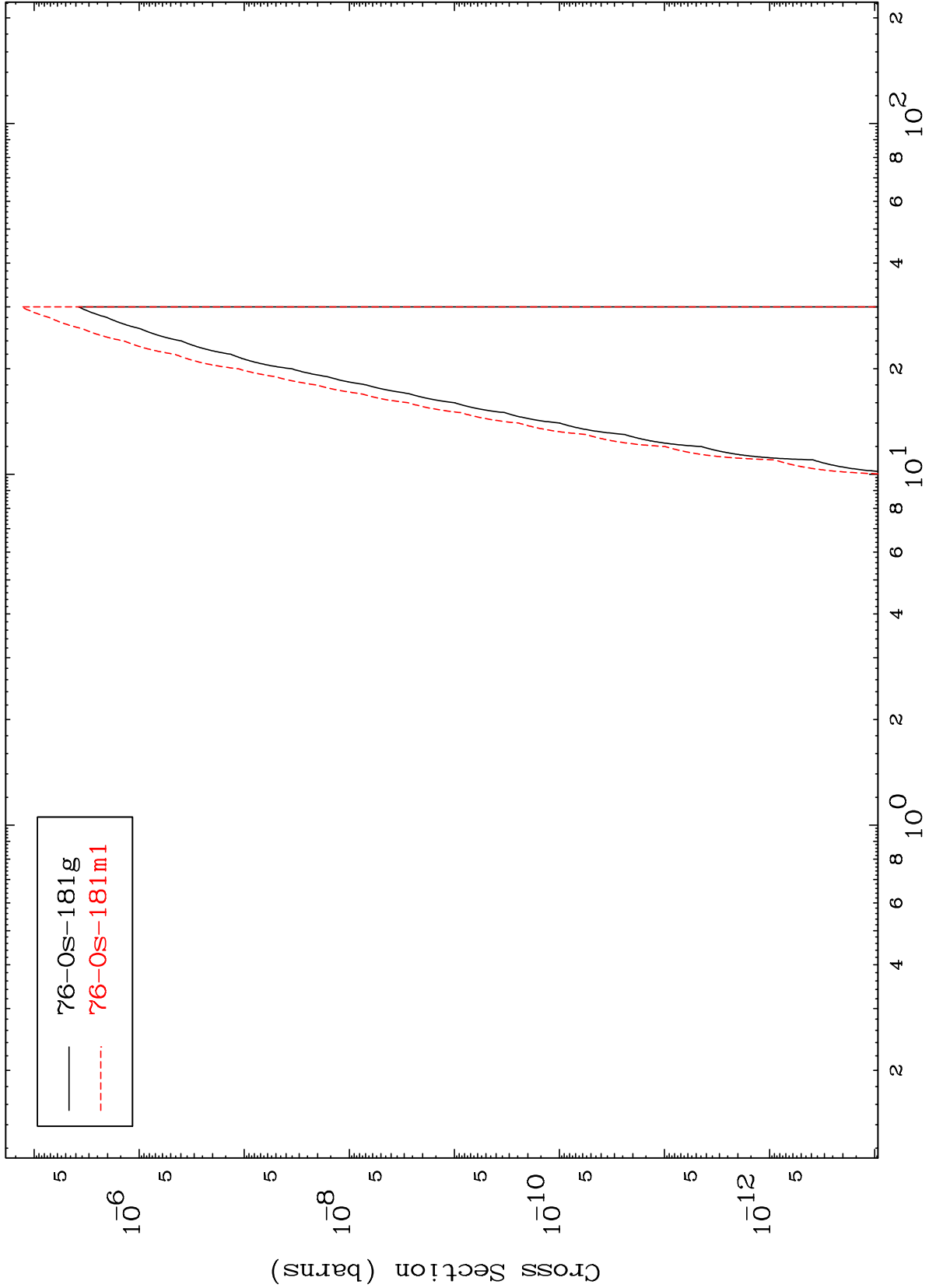
79-Au-188

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(n,n') 2α

79-Au-188

Radionuclide Production Cross Section



18

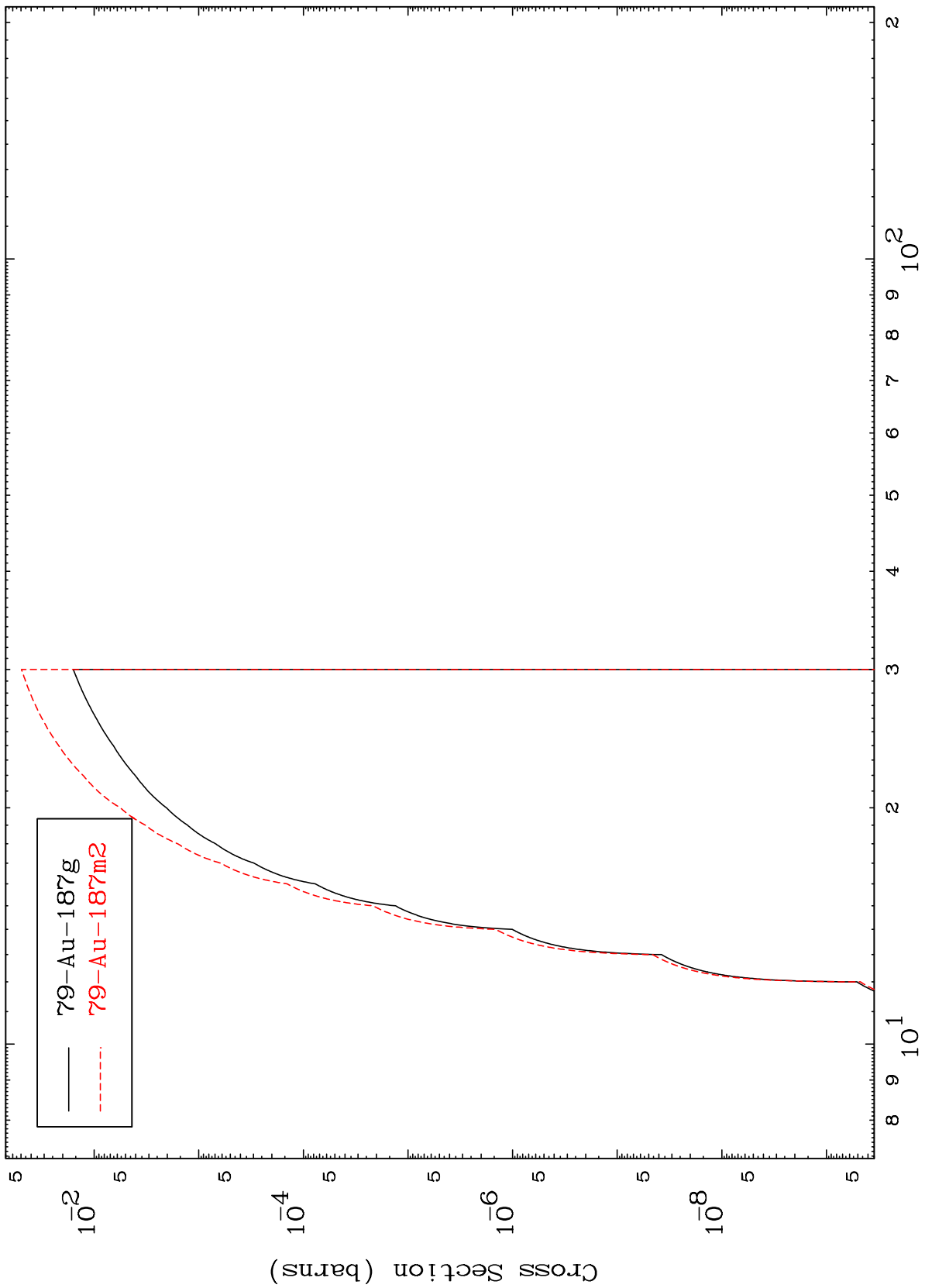
Incident Energy (MeV)

79-Au-188

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79-Au-188

(n,n') d
Radionuclide Production Cross Section



19

Incident Energy (MeV)

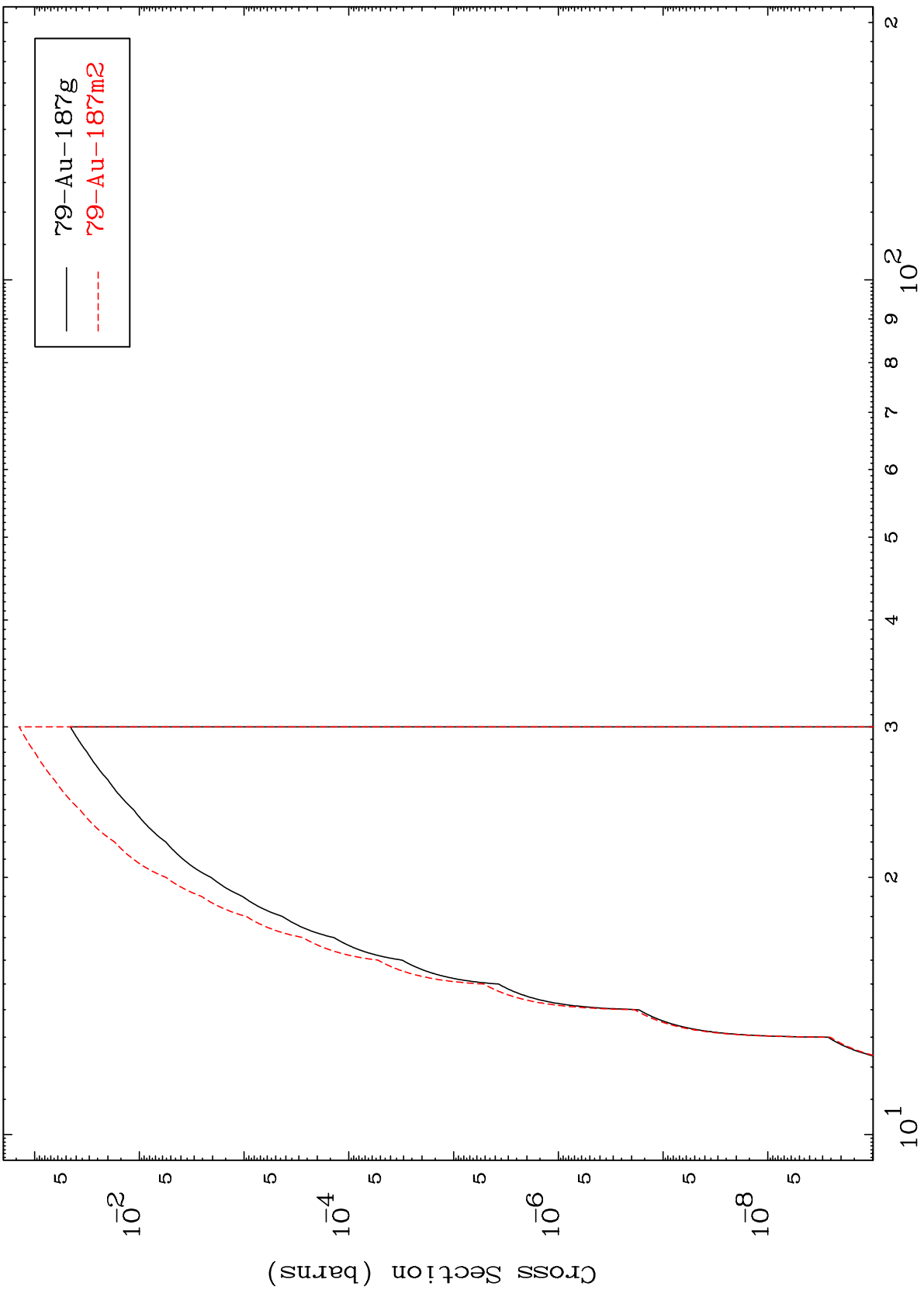
79-Au-188

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(n,2n) p

⁷⁹Au-188

Radionuclide Production Cross Section



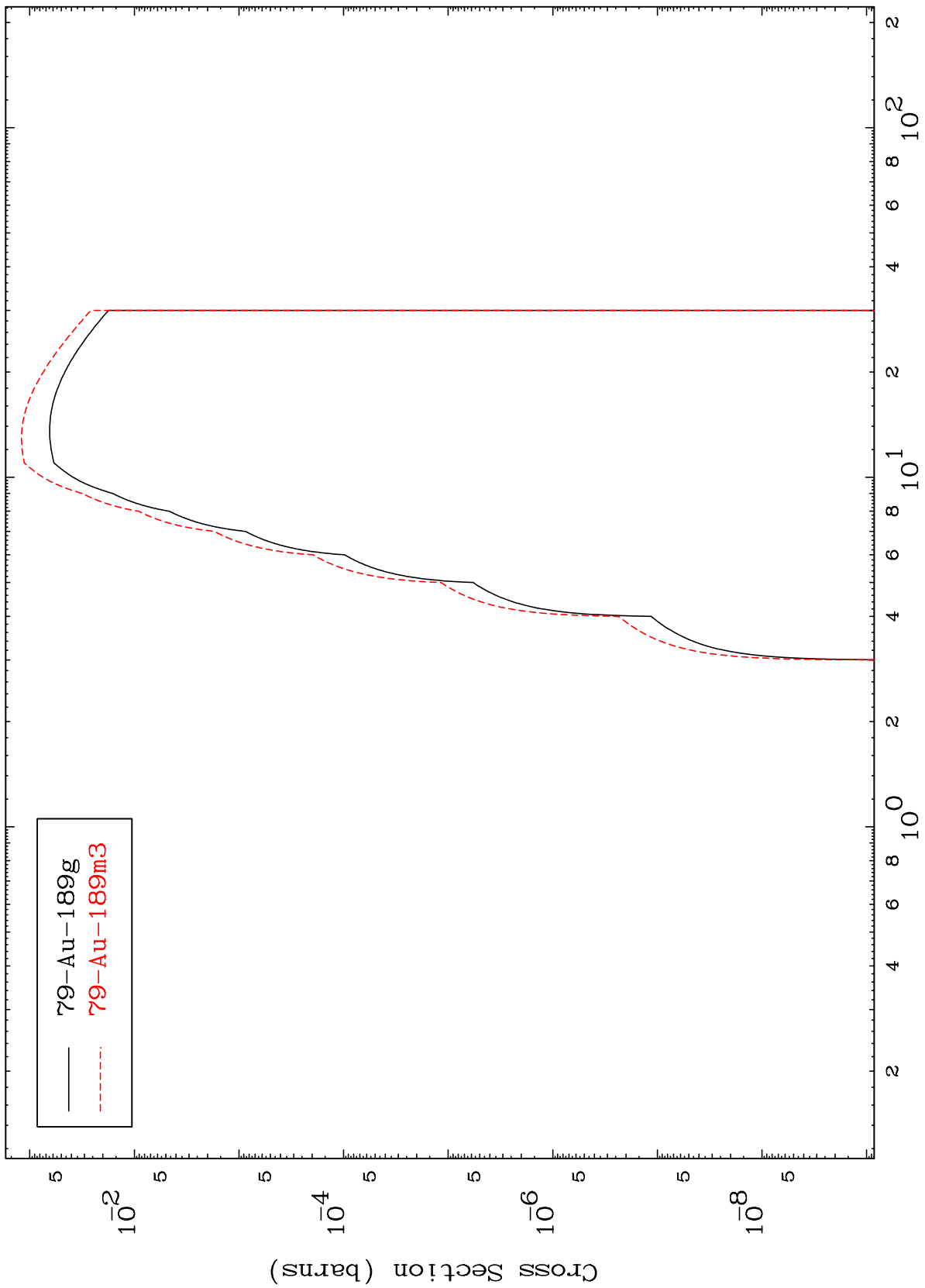
Incident Energy (MeV)

⁷⁹Au-188

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⁷⁹Au-188

(n,p)
Radionuclide Production Cross Section



— ⁷⁹Au-189g
- - - ⁷⁹Au-189m3

⁷⁹Au-188

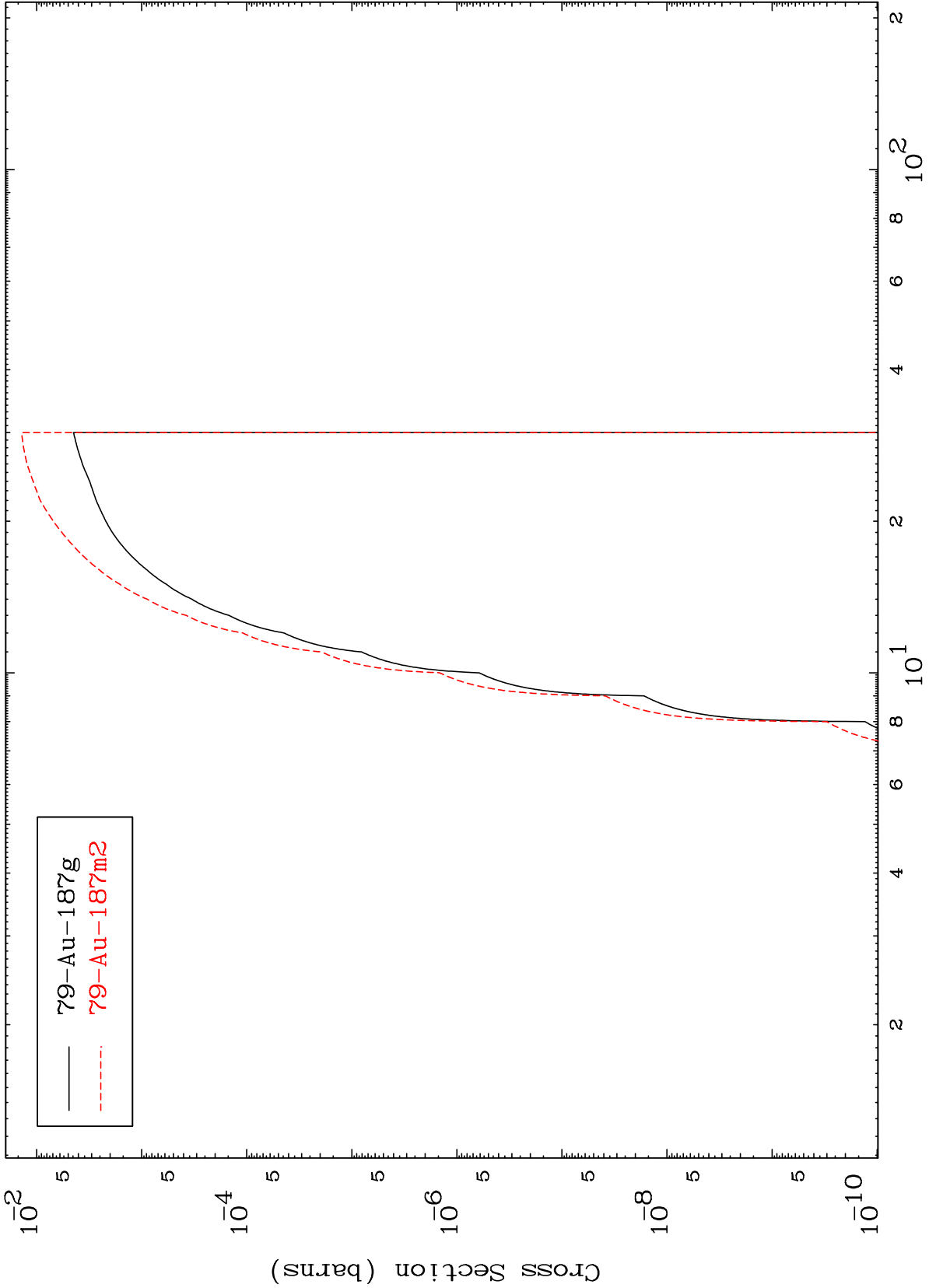
Incident Energy (MeV)

21

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⁷⁹Au-188

(n, t)
Radionuclide Production Cross Section



⁷⁹Au-188

Incident Energy (MeV)