

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

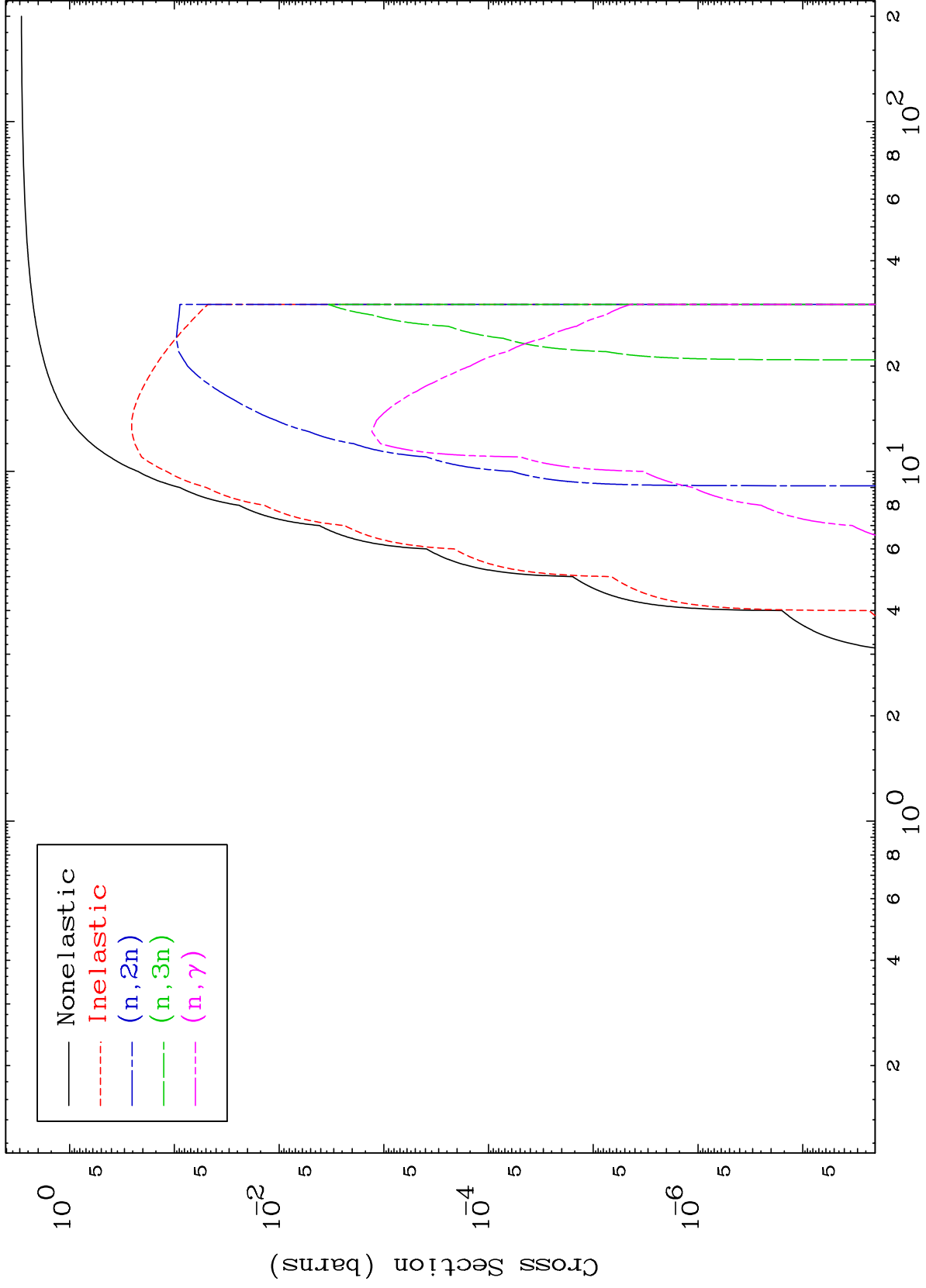
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

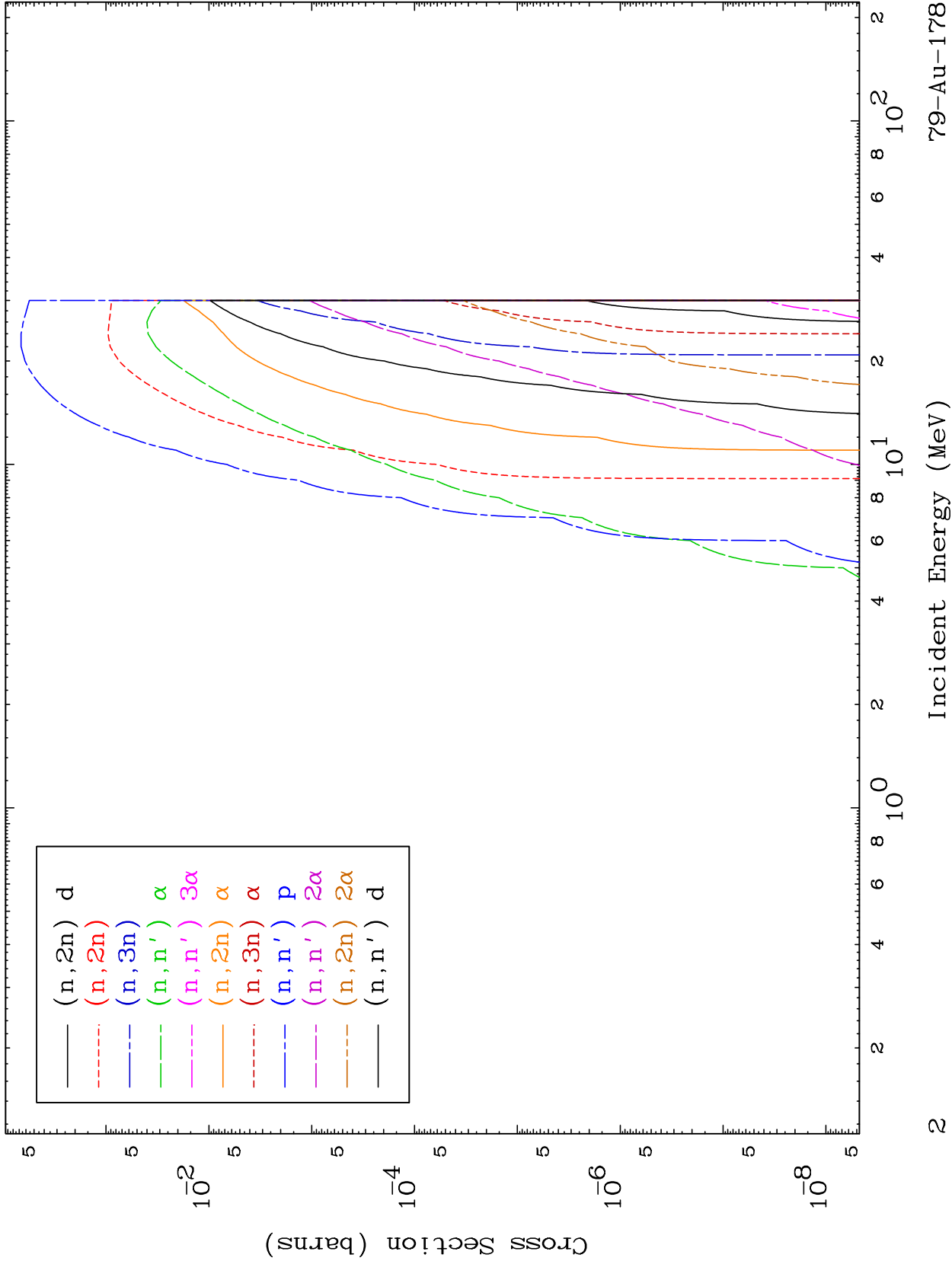
Tele: 925-443-1911

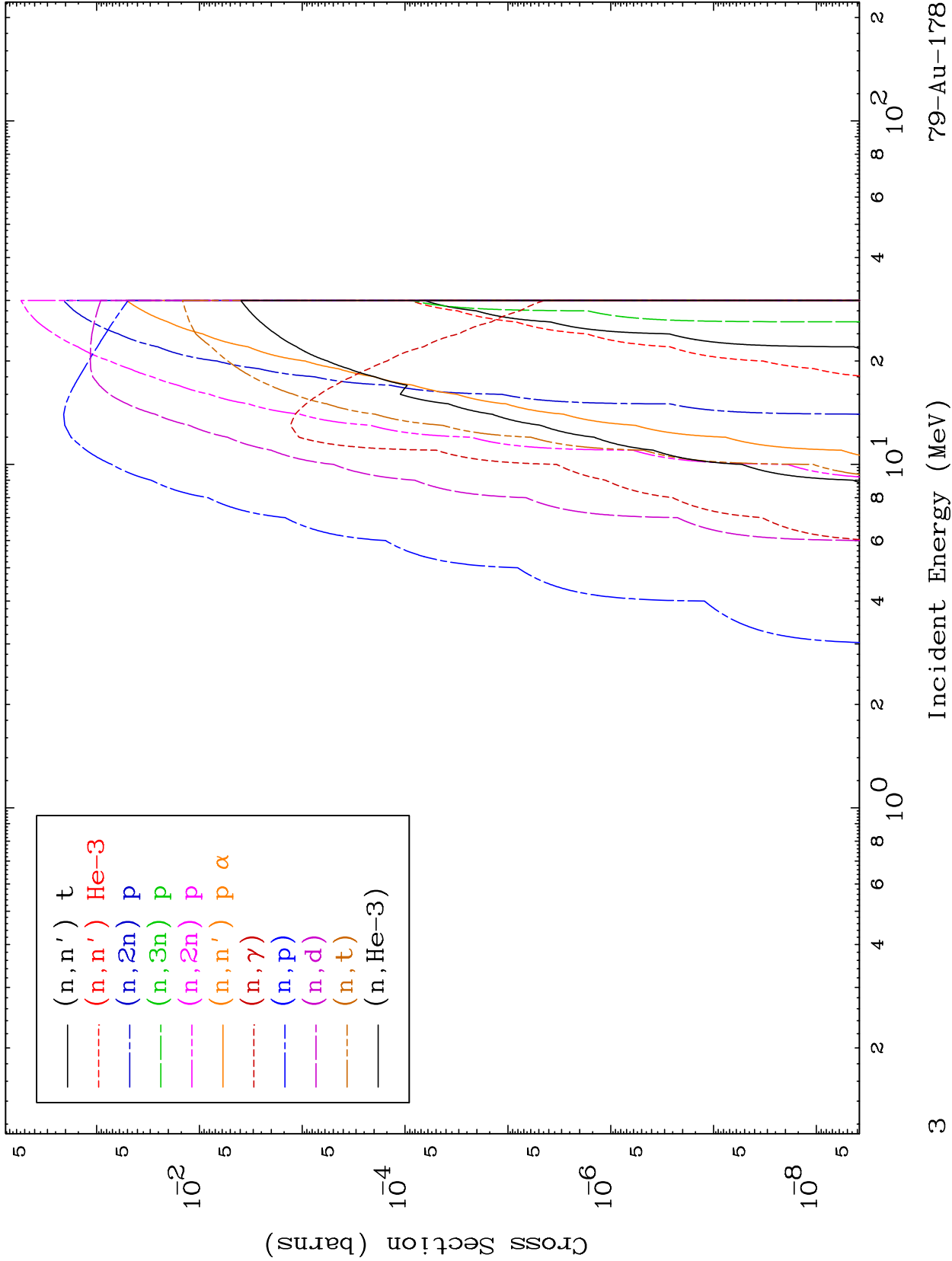
E.Mail:redcullen1@comcast.net

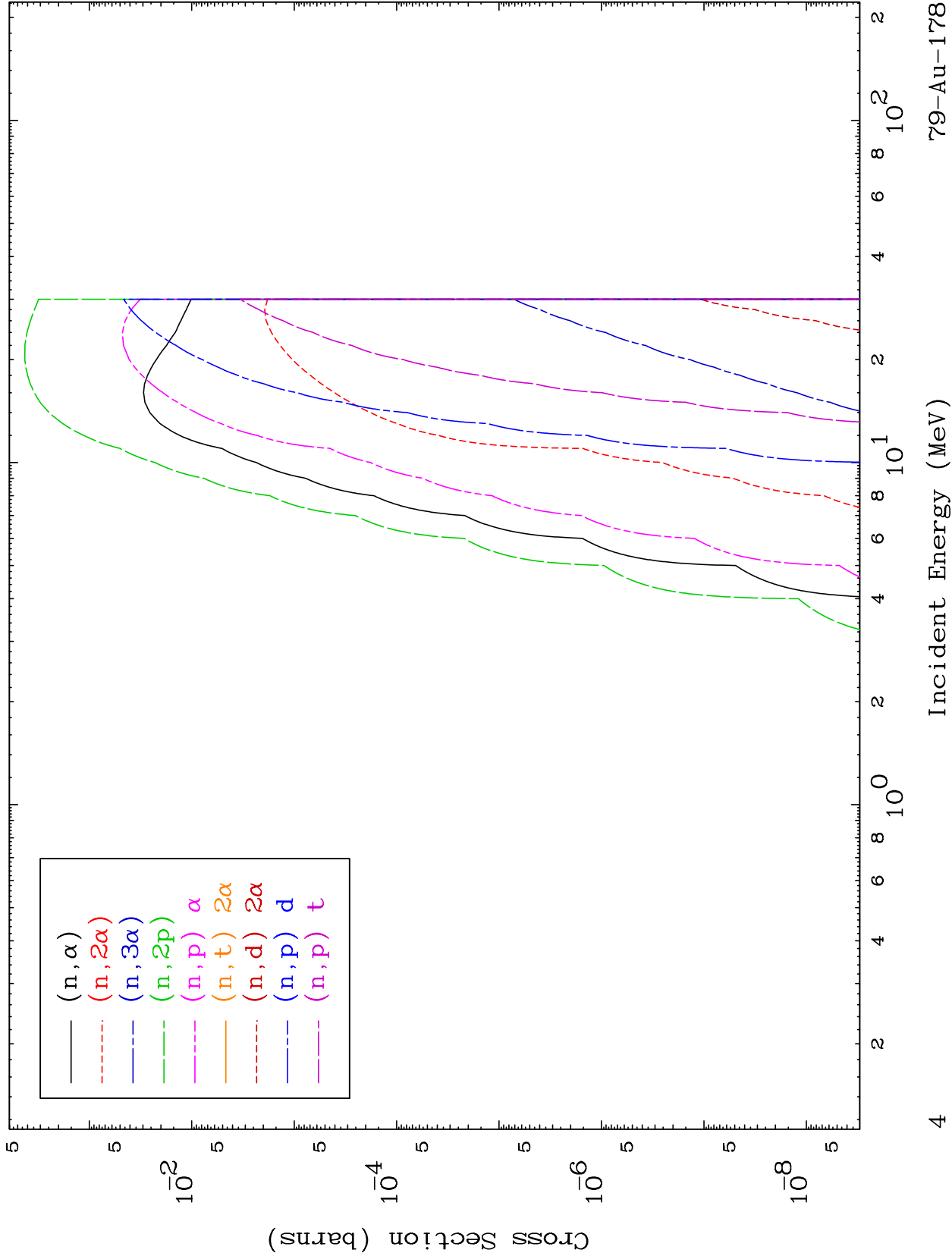
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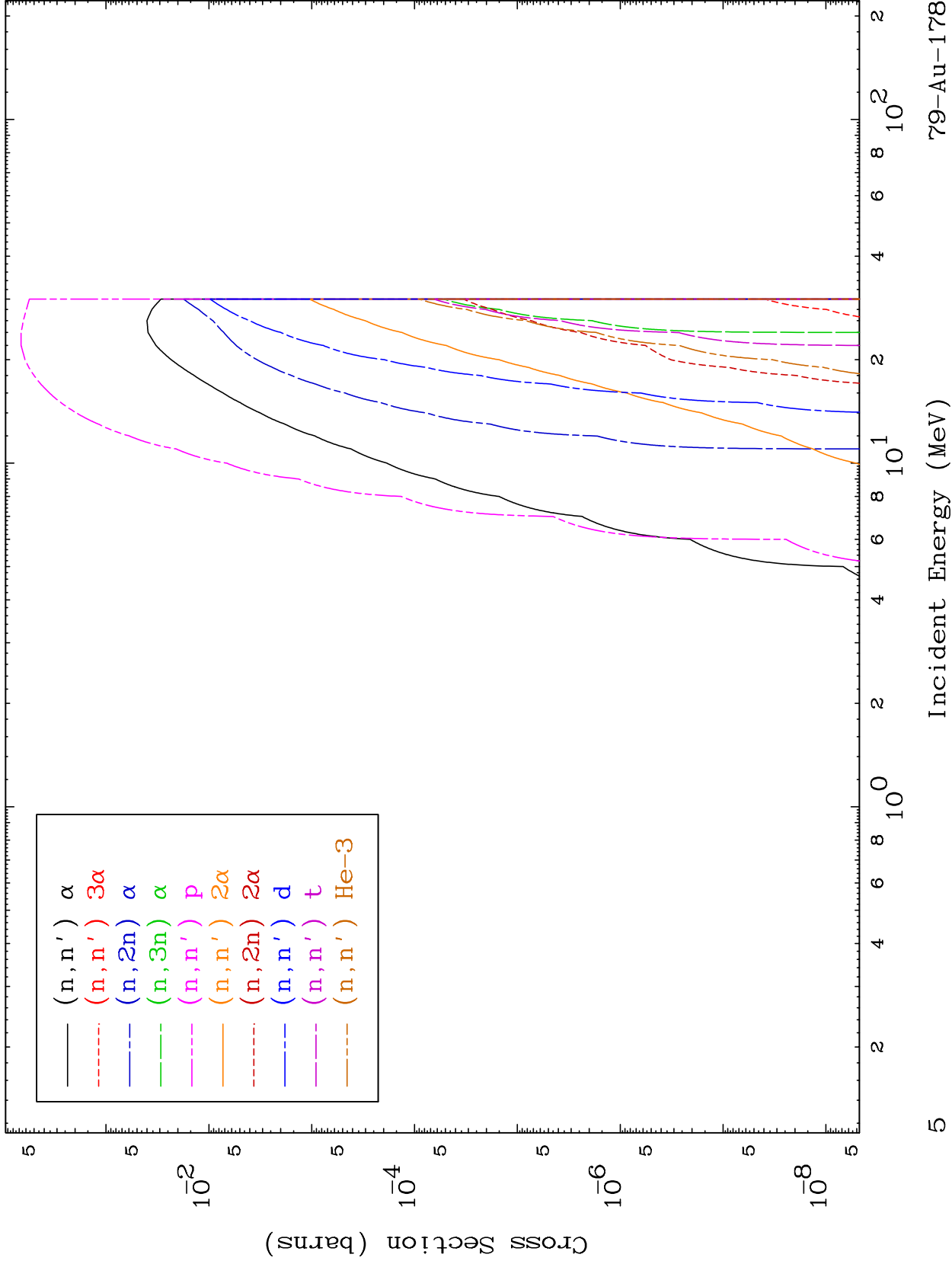
Press Mouse Button to Start

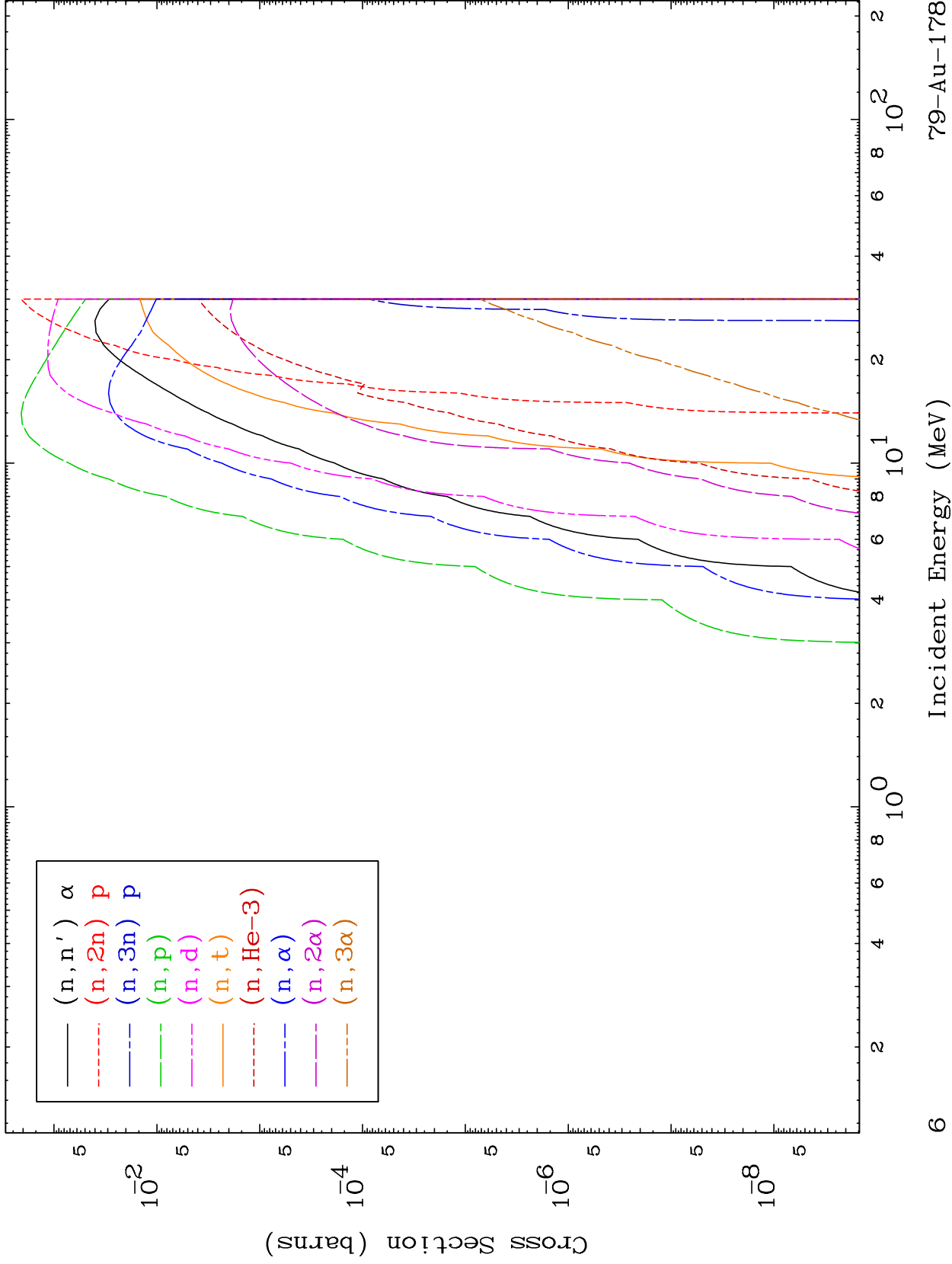


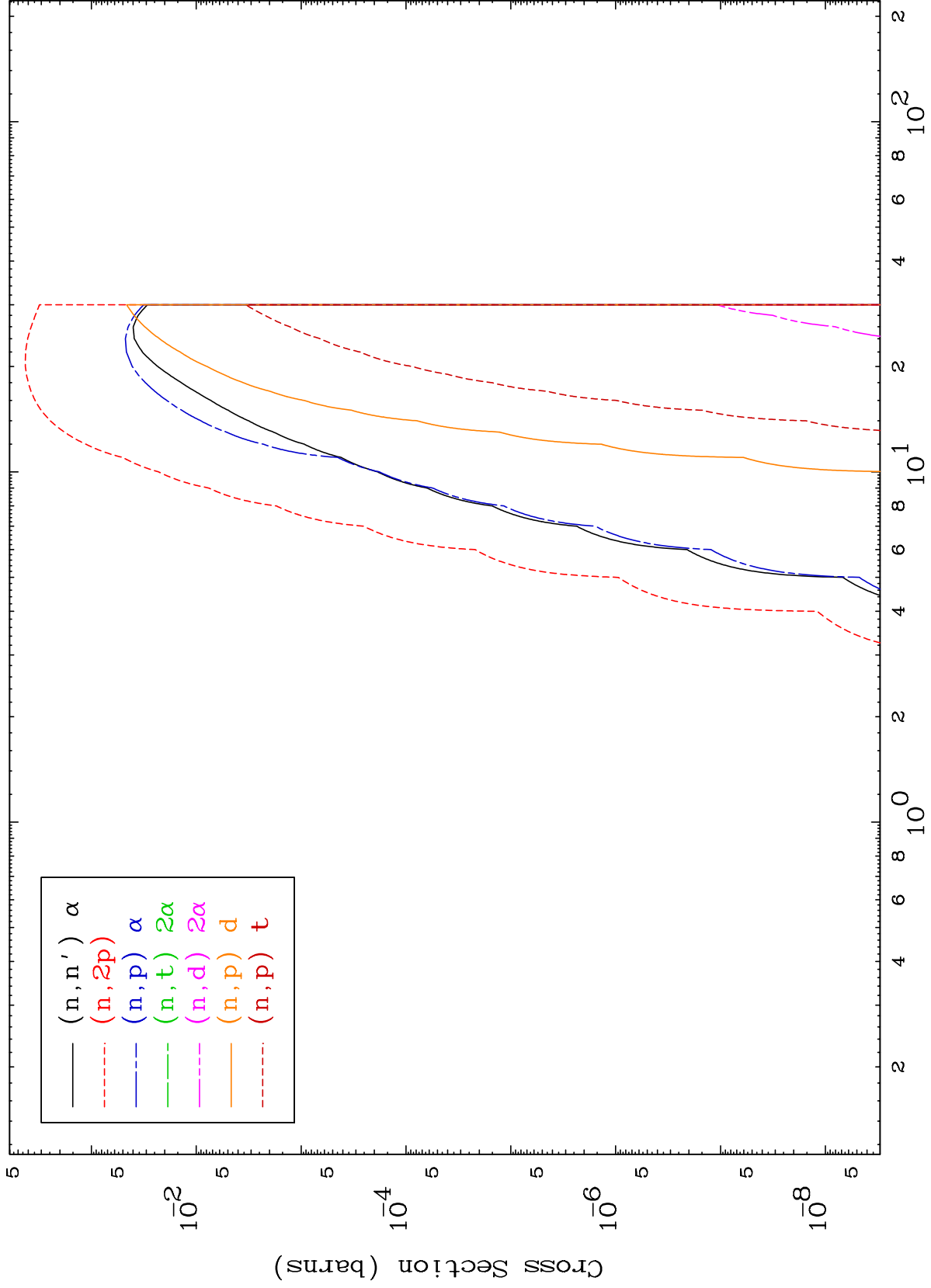










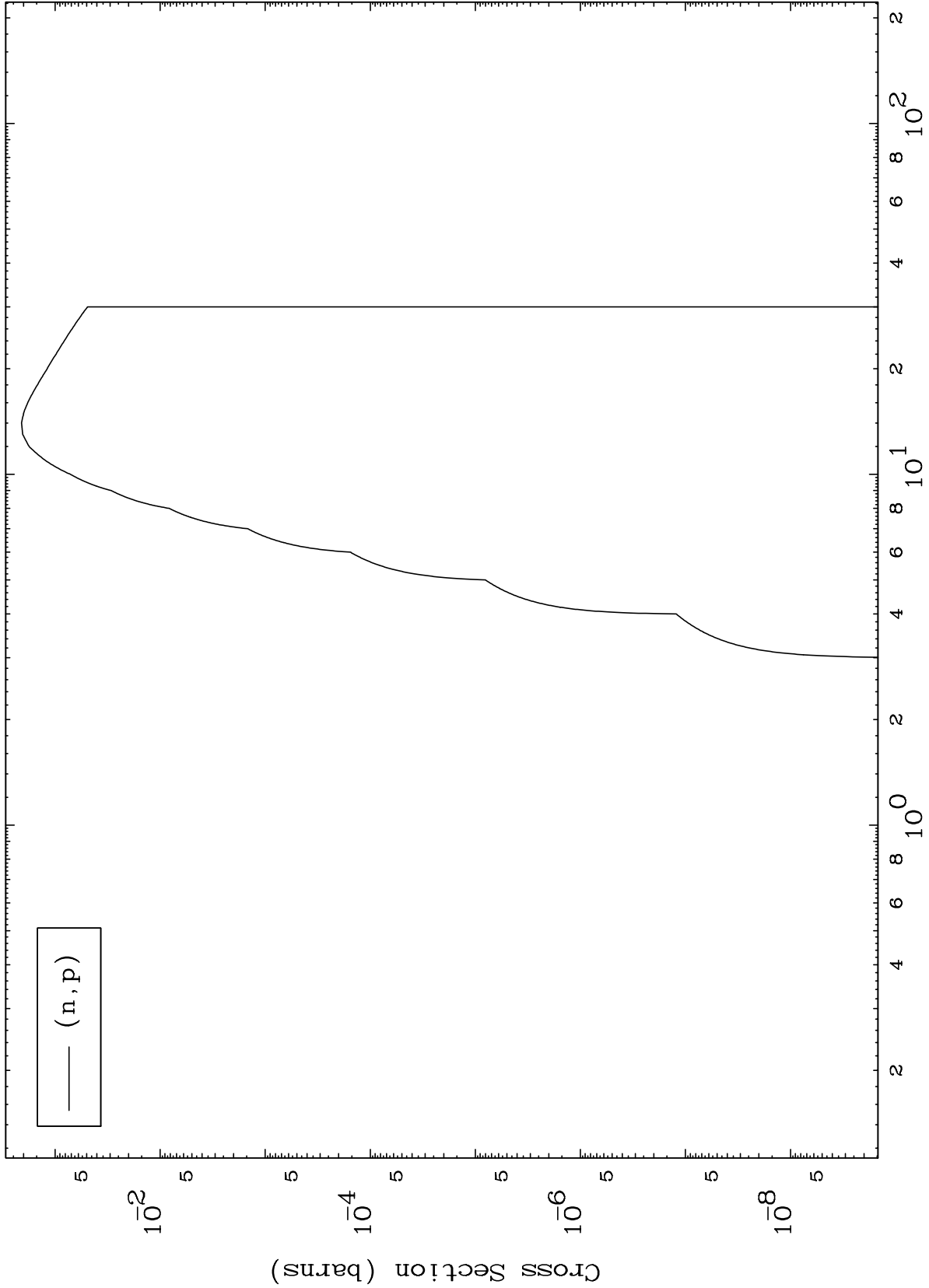


MAT 7868

(d,p) Levels

79-Au-178

0 Kelvin Cross Sections

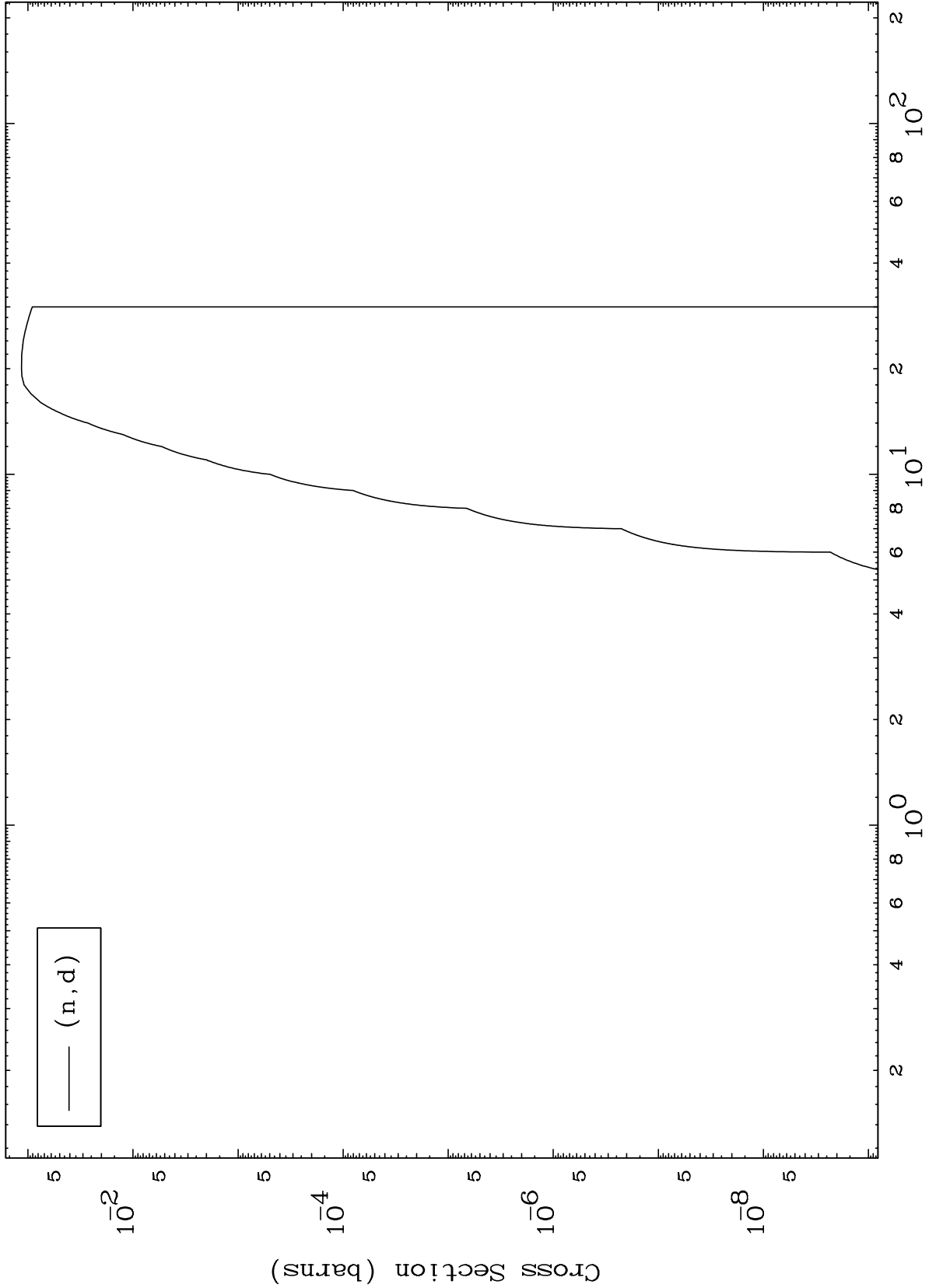


MAT 7868

(d,d) Levels

79-Au-178

0 Kelvin Cross Sections

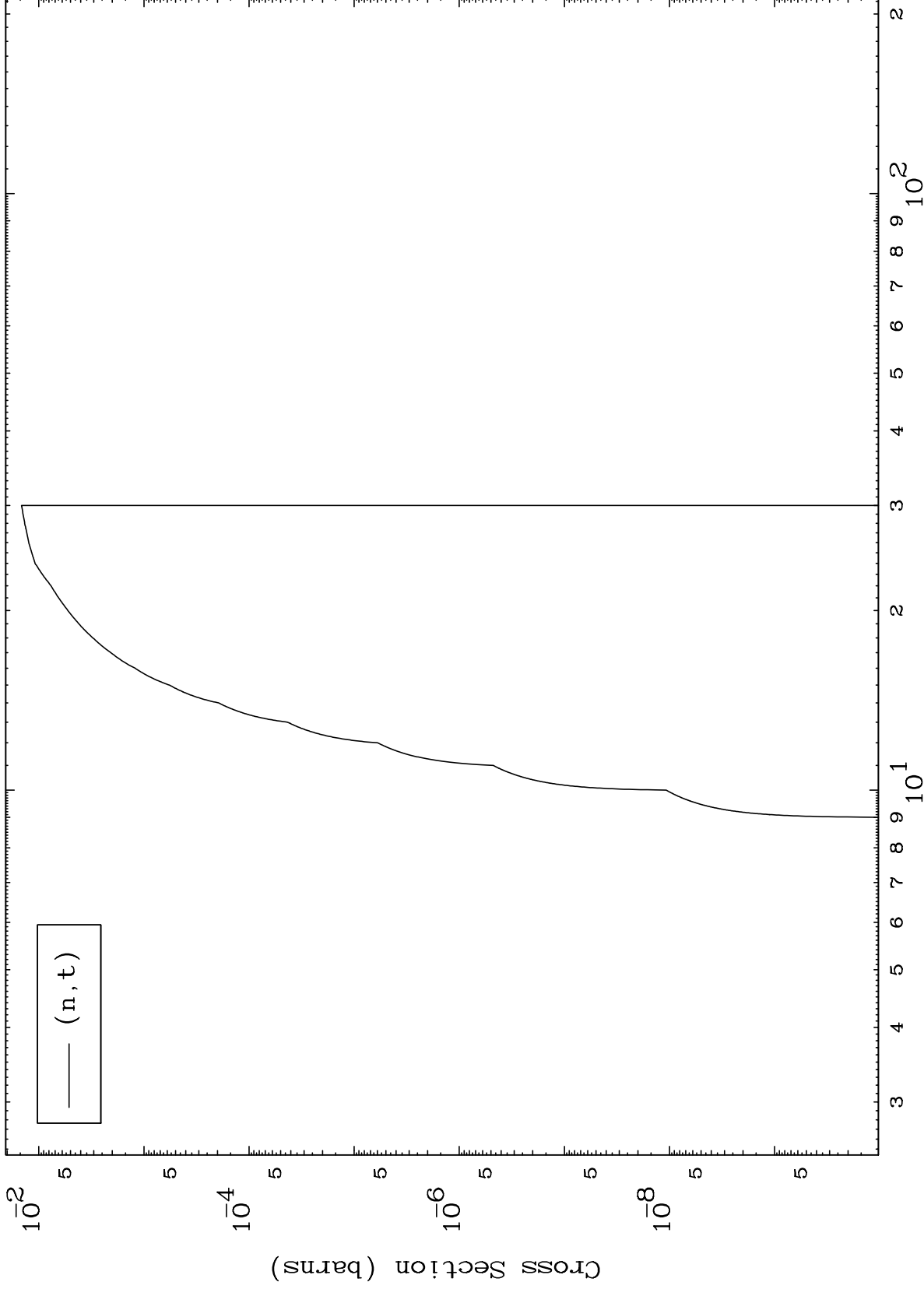


(n,d)

MAT 7868

(d,t) Levels
0 Kelvin Cross Sections

79-Au-178



10

Incident Energy (MeV)

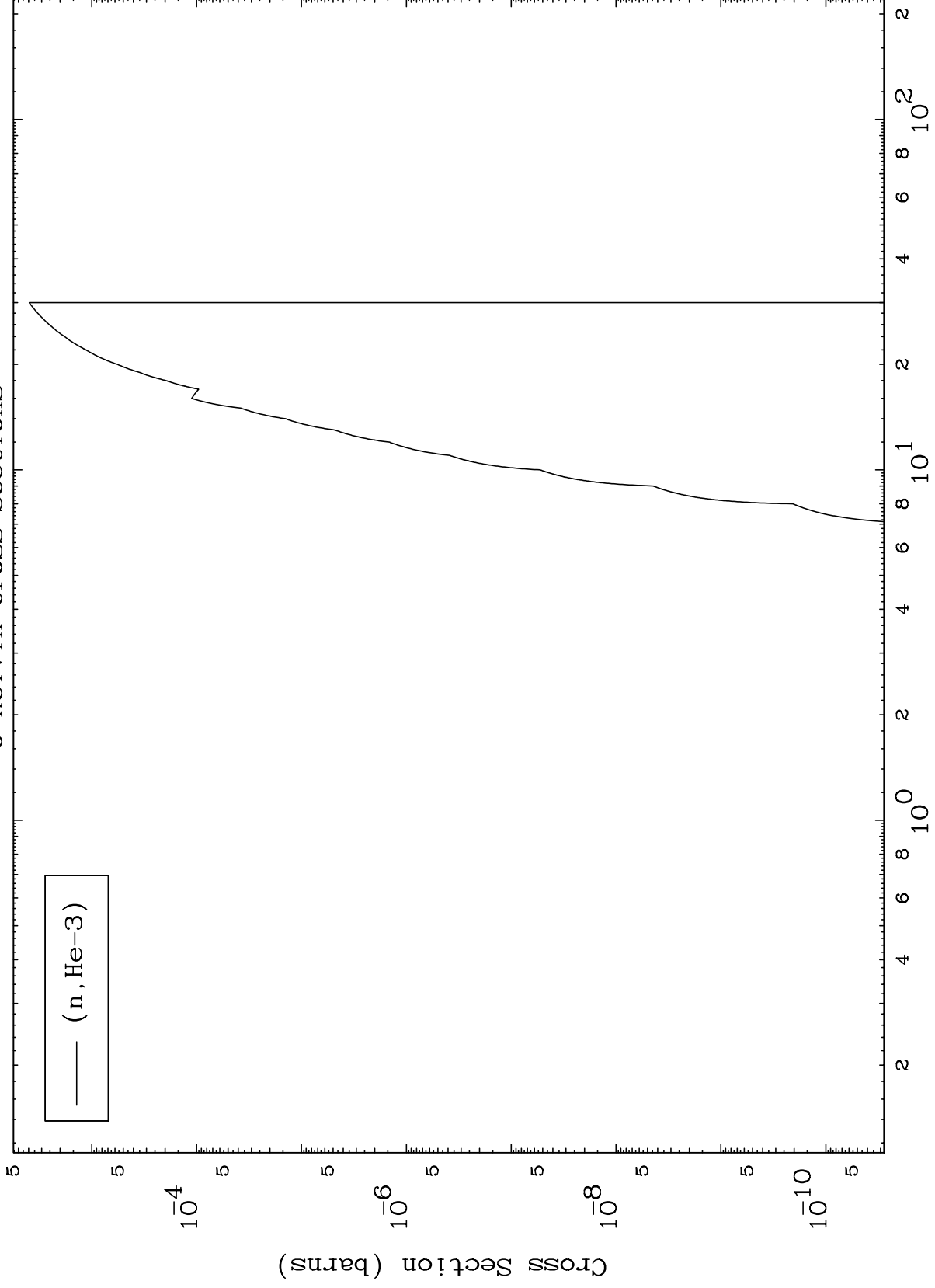
79-Au-178

MAT 7868

(d,He3) Levels

79-Au-178

0 Kelvin Cross Sections

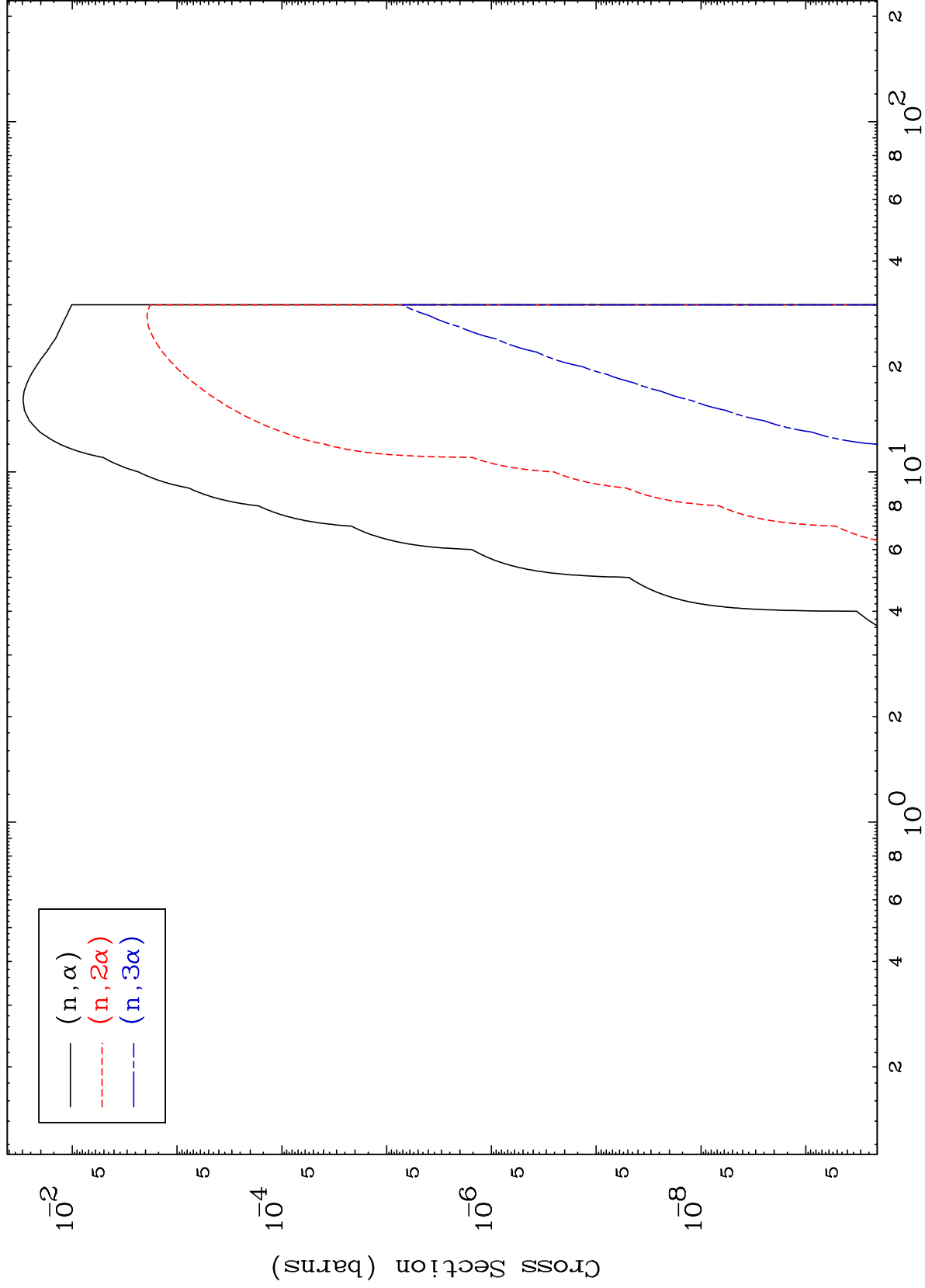


MAT 7868

(d, α) Levels

79-Au-178

0 Kelvin Cross Sections



12

Incident Energy (MeV)

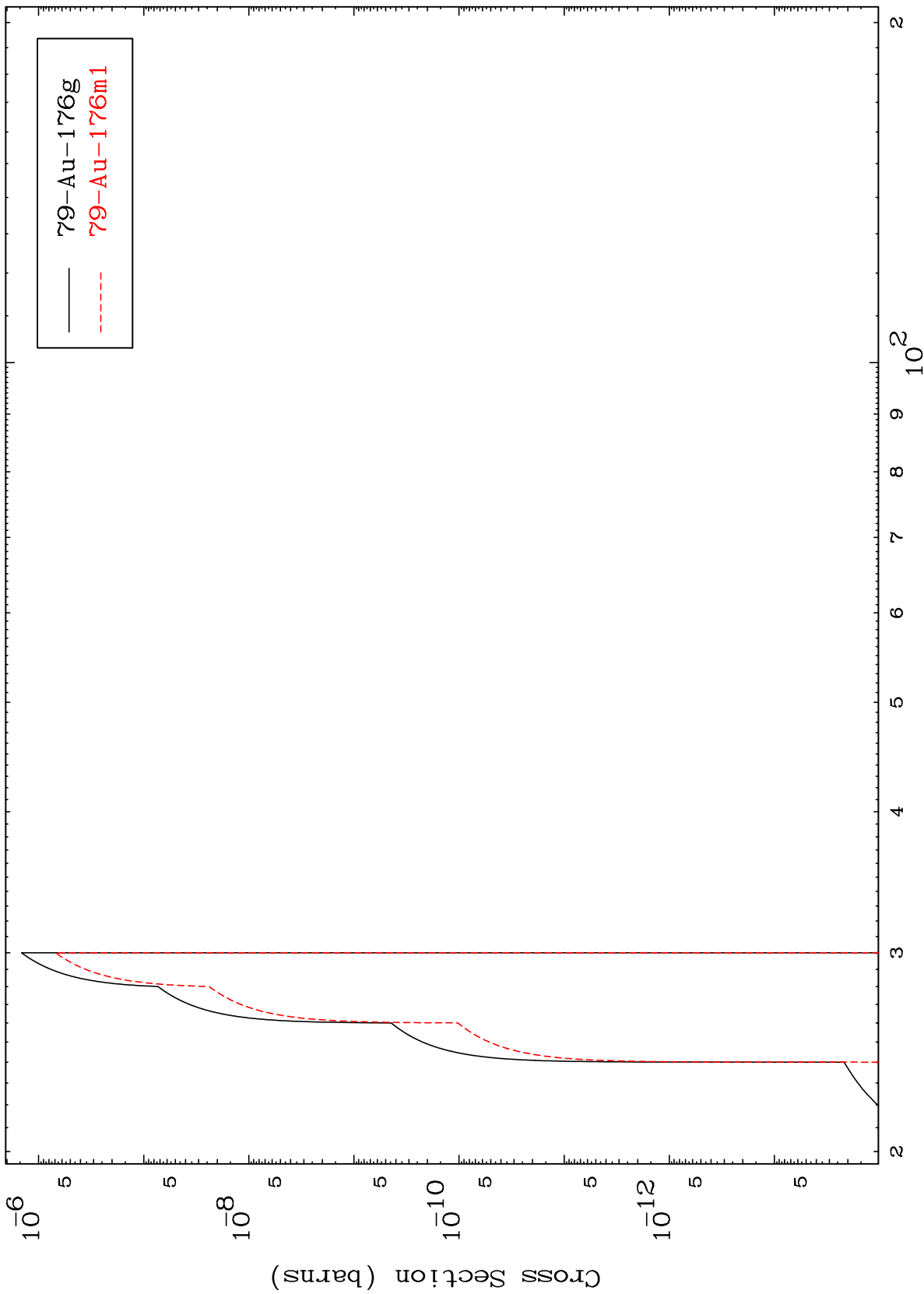
79-Au-178

MAT 7868

(n,2n) d

⁷⁹Au-178

Radionuclide Production Cross Section



13

Incident Energy (MeV)

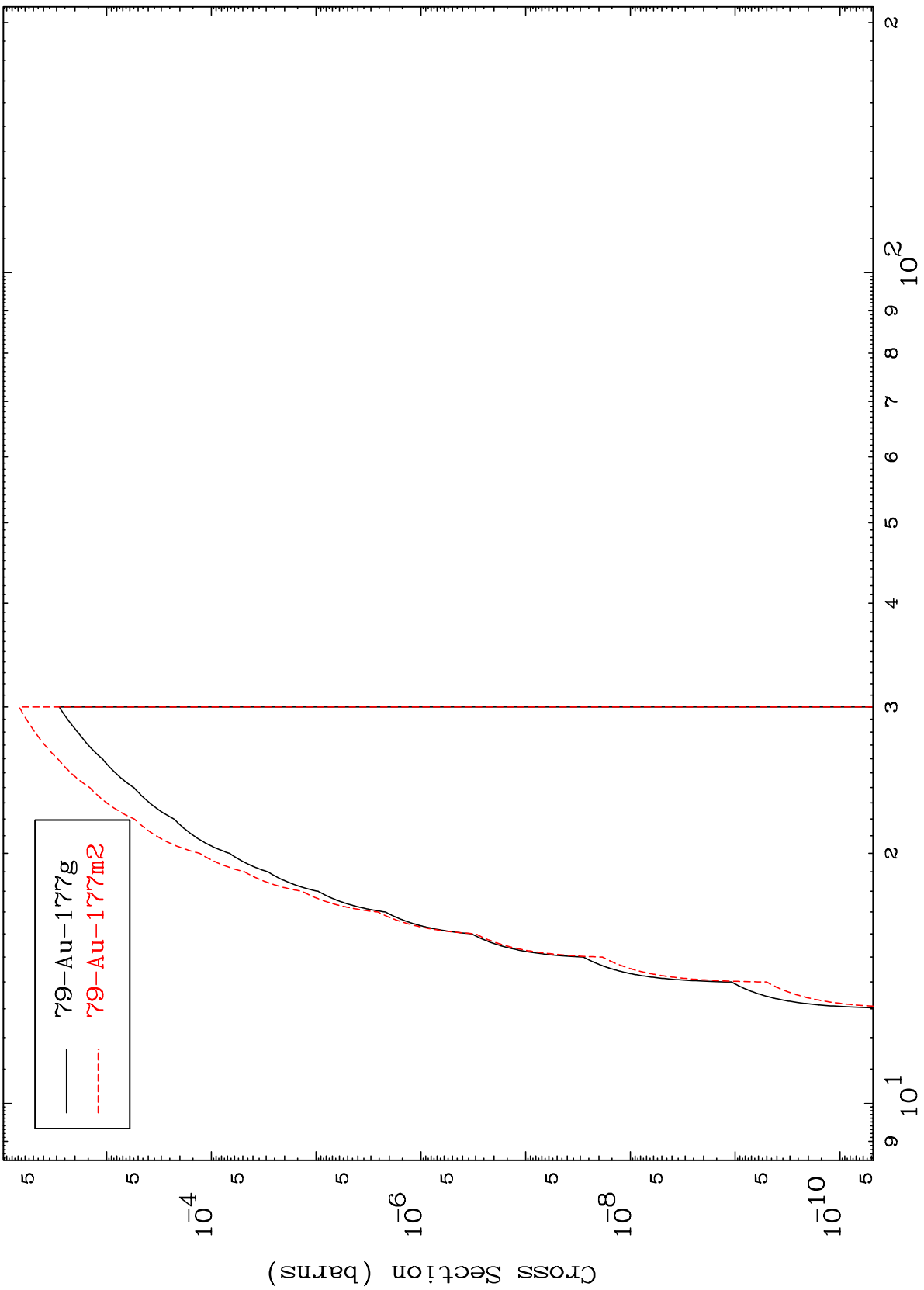
⁷⁹Au-178

MAT 7868

(n,n') d

⁷⁹Au-178

Radionuclide Production Cross Section



14

Incident Energy (MeV)

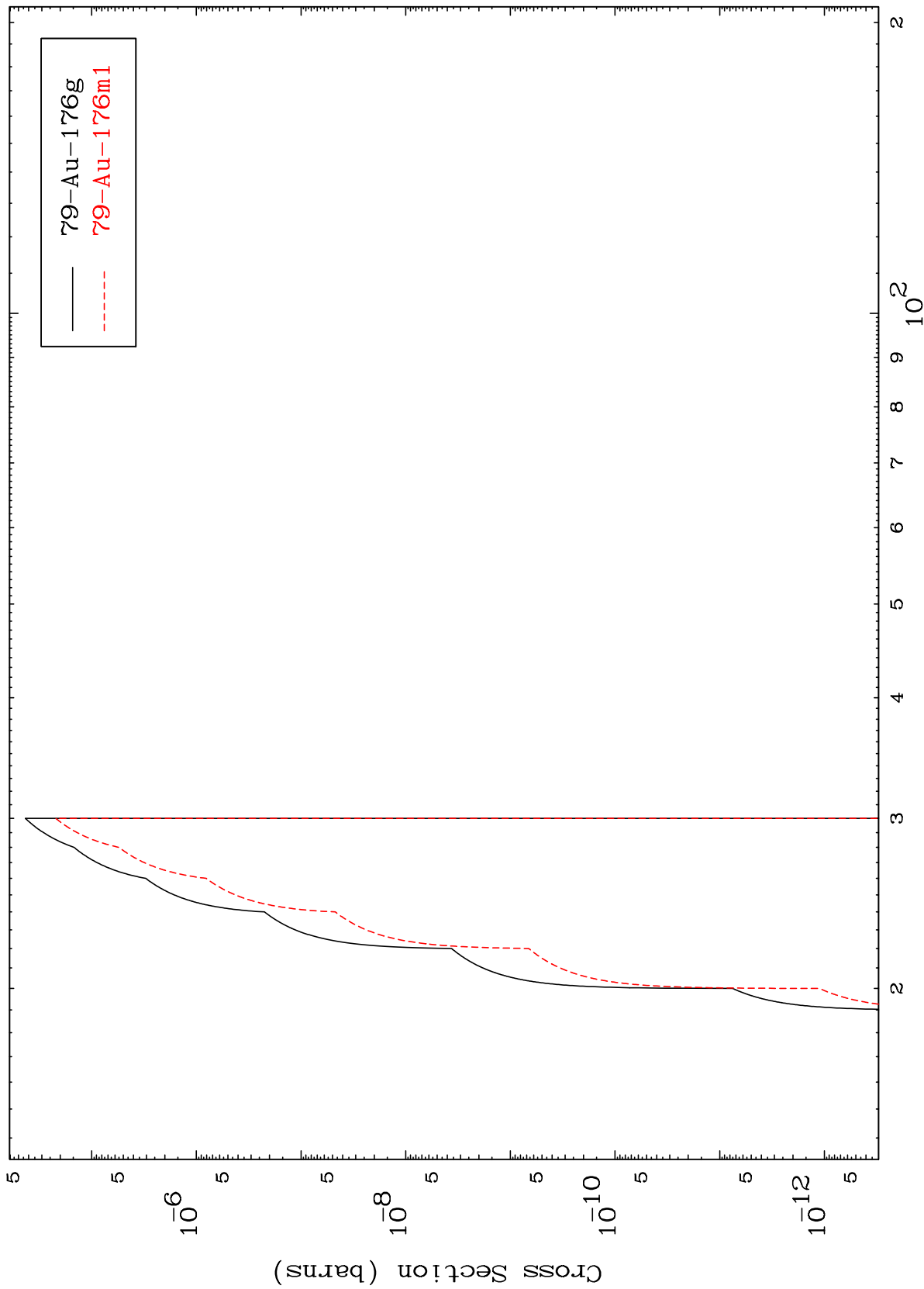
⁷⁹Au-178

MAT 7868

(n,n') t

79-Au-178

Radionuclide Production Cross Section



15

Incident Energy (MeV)

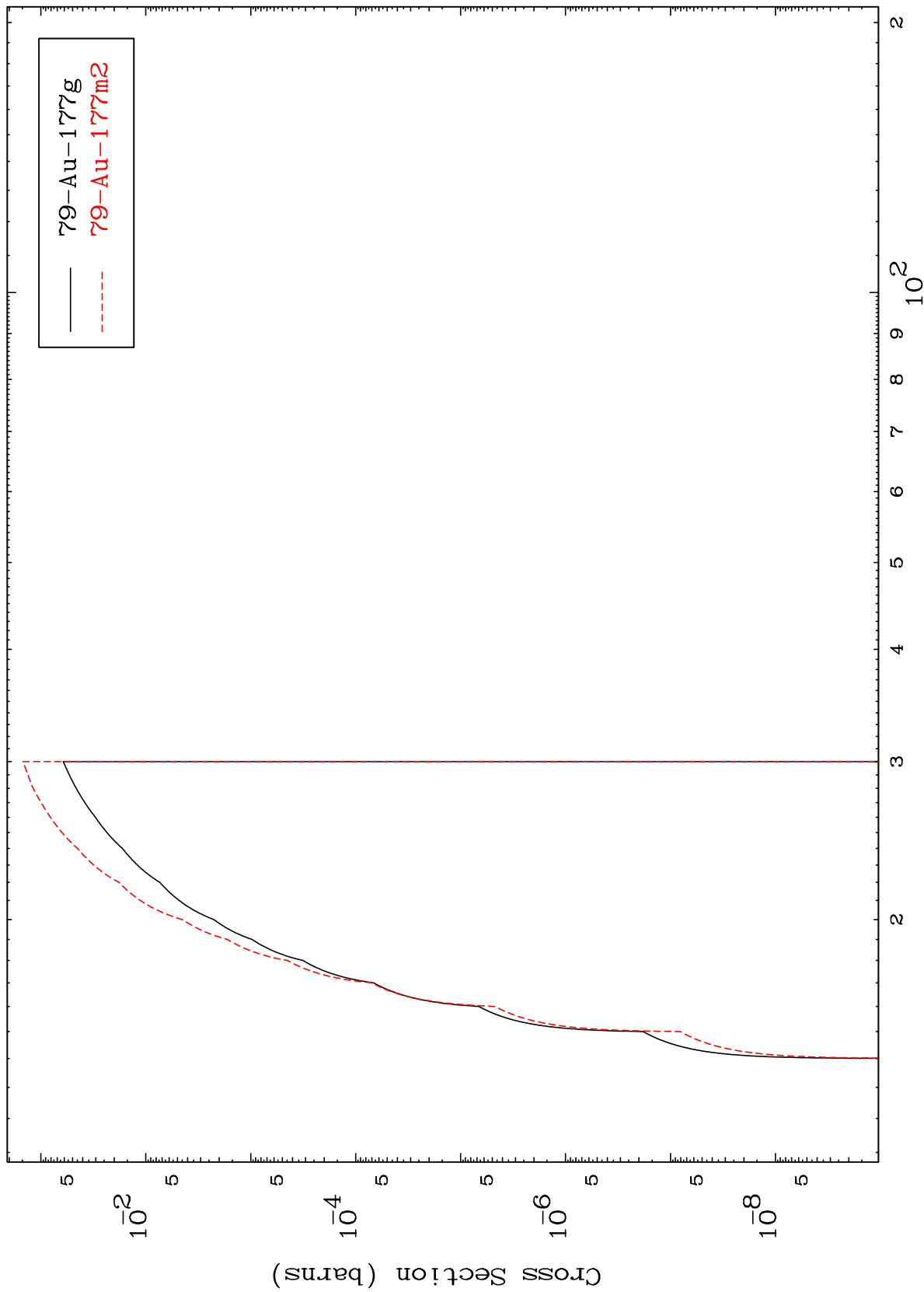
79-Au-178

MAT 7868

⁷⁹Au-178

(n,2n) p

Radionuclide Production Cross Section

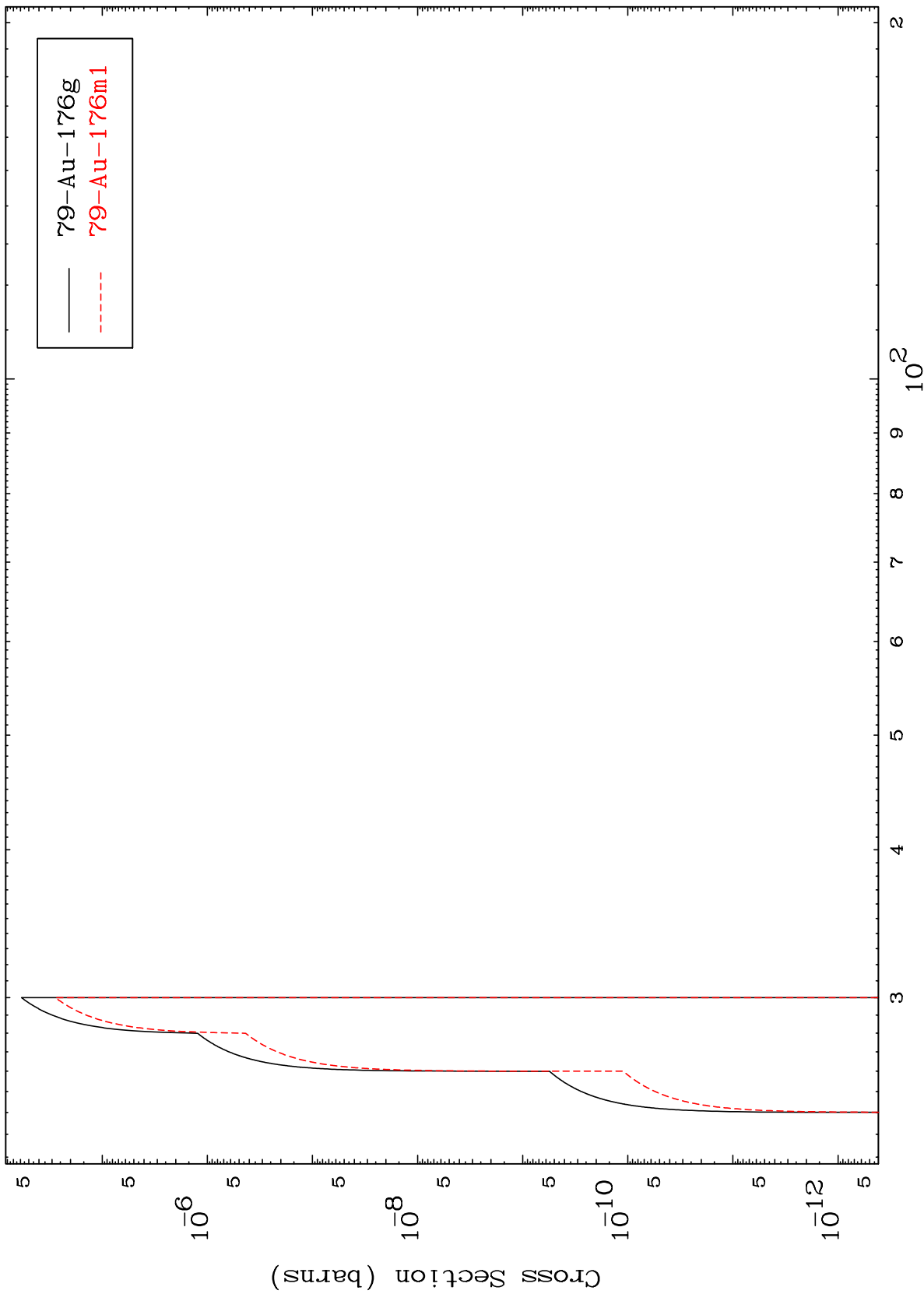


16

Incident Energy (MeV)

⁷⁹Au-178

Radionuclide Production Cross Section

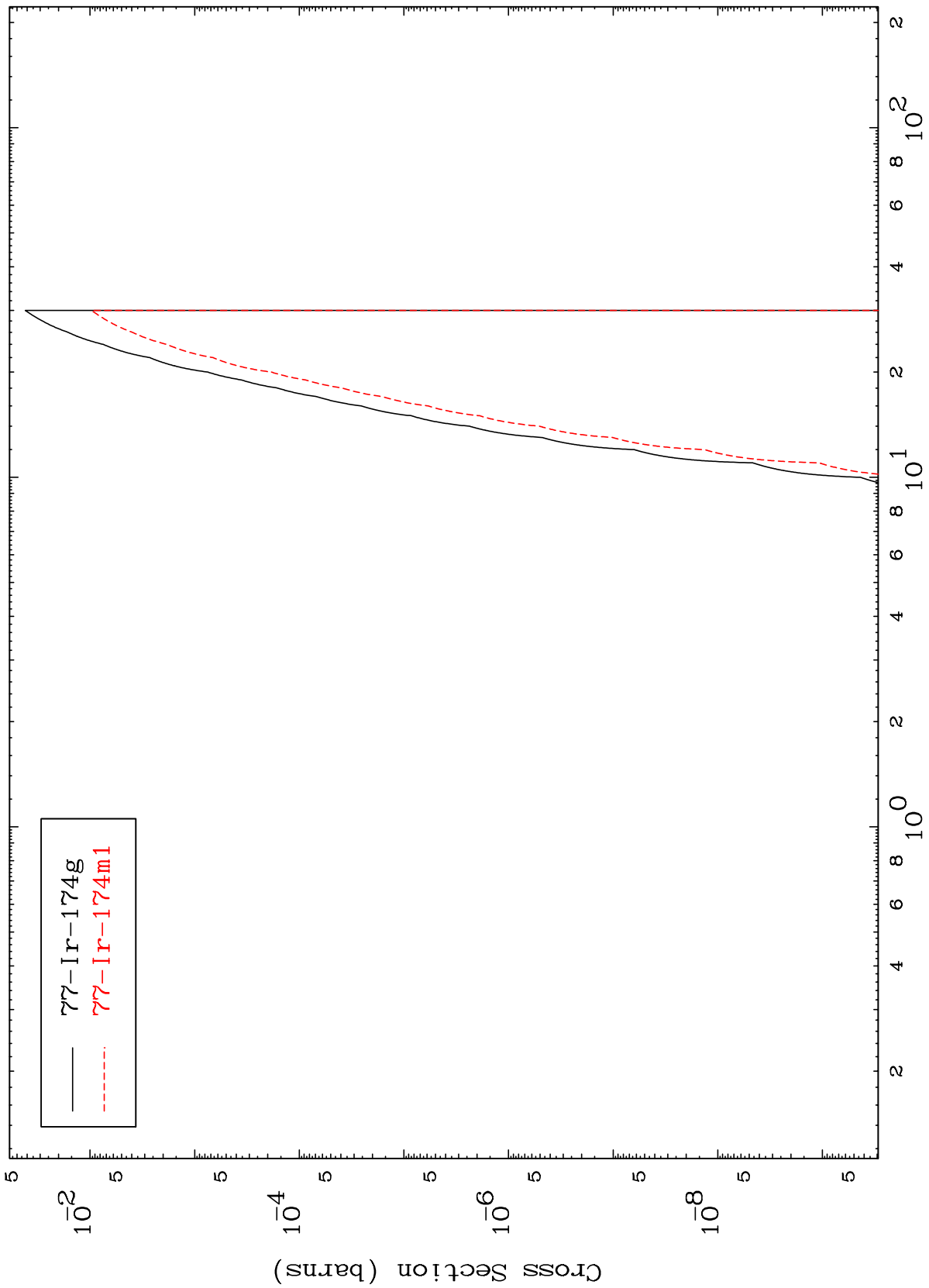


MAT 7868

(n,n') p α

79-Au-178

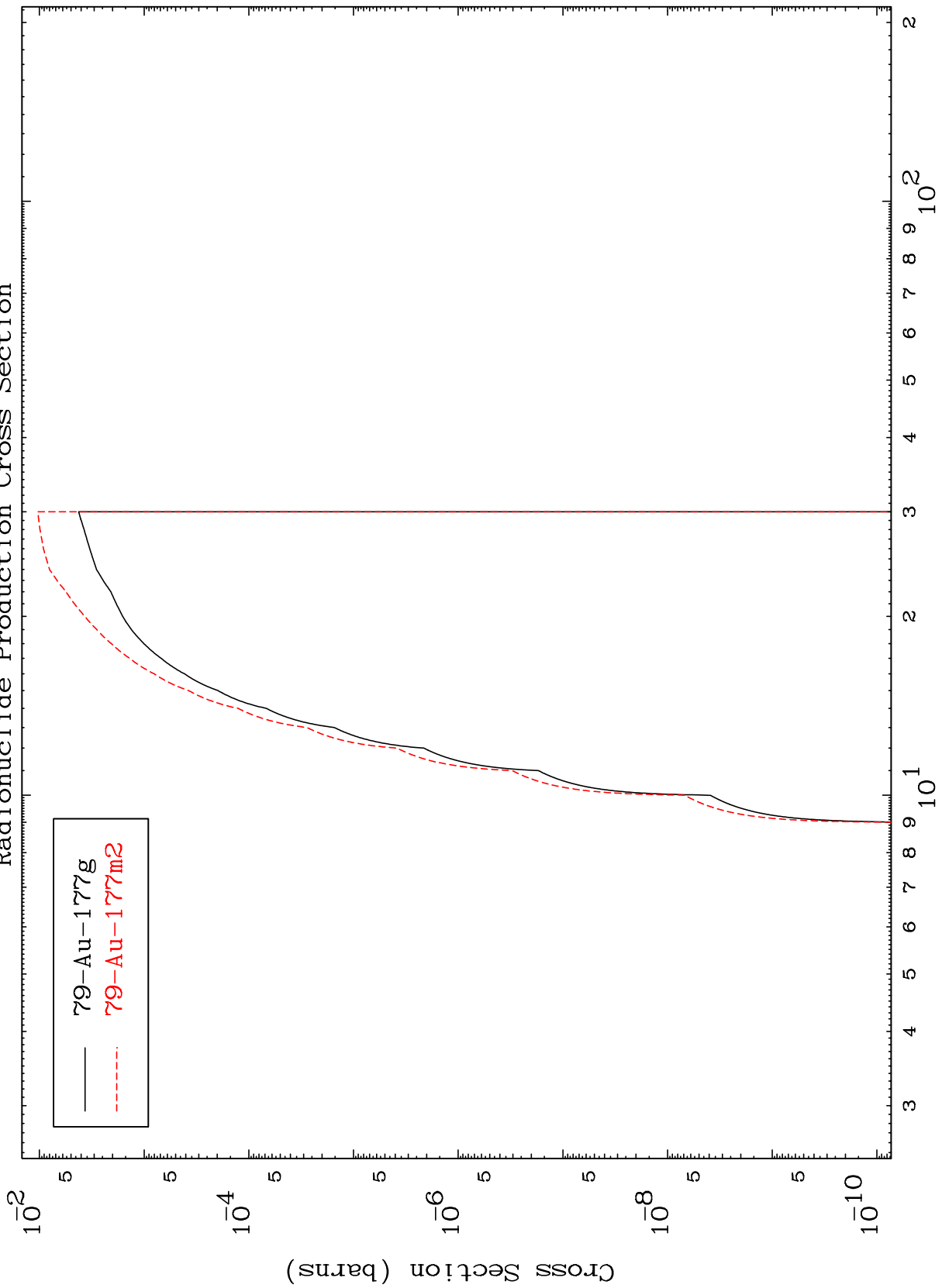
Radionuclide Production Cross Section



MAT 7868

⁷⁹Au-178

(n, t)
Radionuclide Production Cross Section



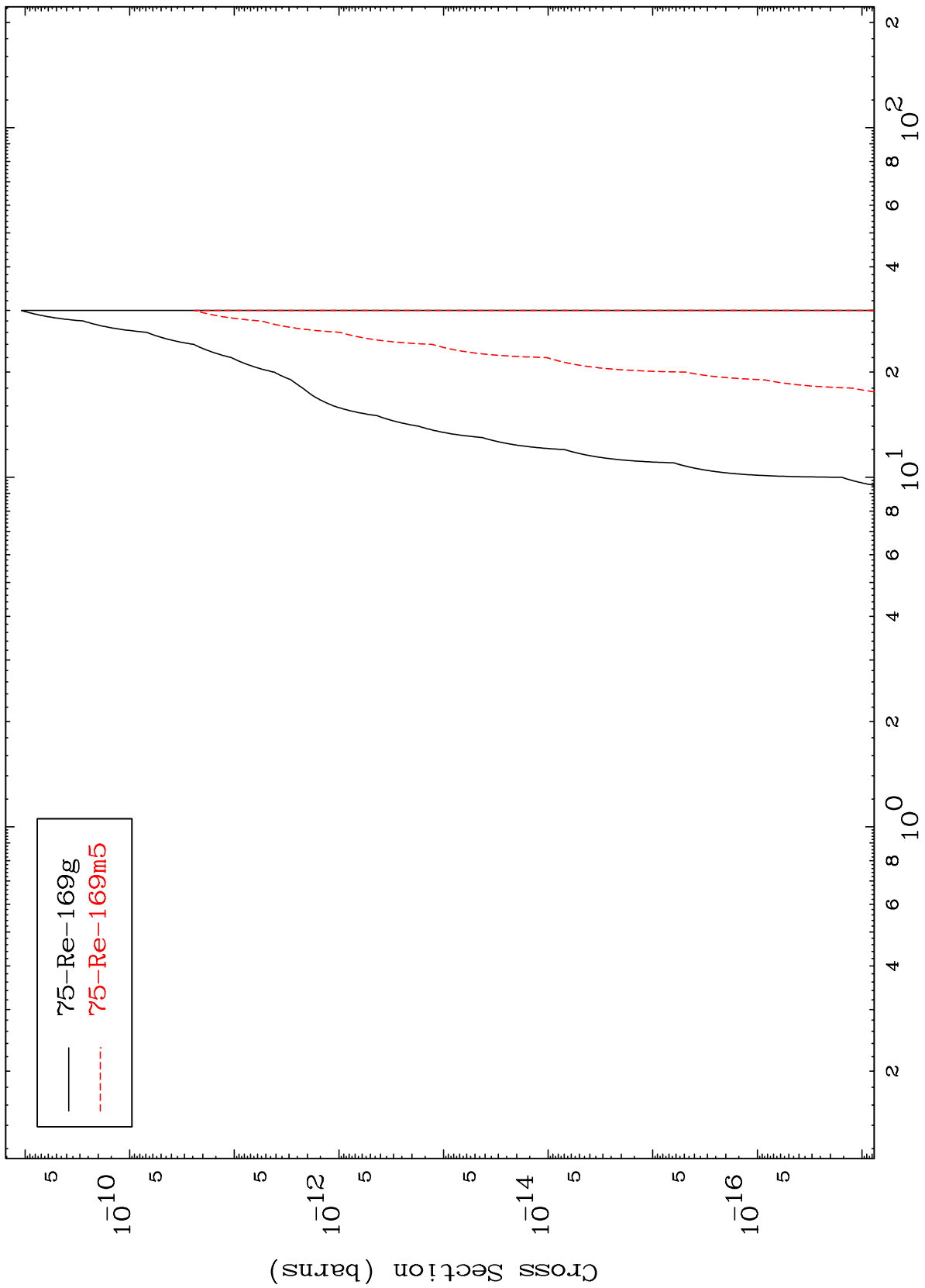
— ⁷⁹Au-177g
- - - ⁷⁹Au-177m2

MAT 7868

(n,t) 2 α

79-Au-178

Radionuclide Production Cross Section



20

Incident Energy (MeV)

79-Au-178

MAT 7868

(n,d) α

79-Au-178

Radionuclide Production Cross Section

