

Program EVALPLOT
(Version 2021-1)

by

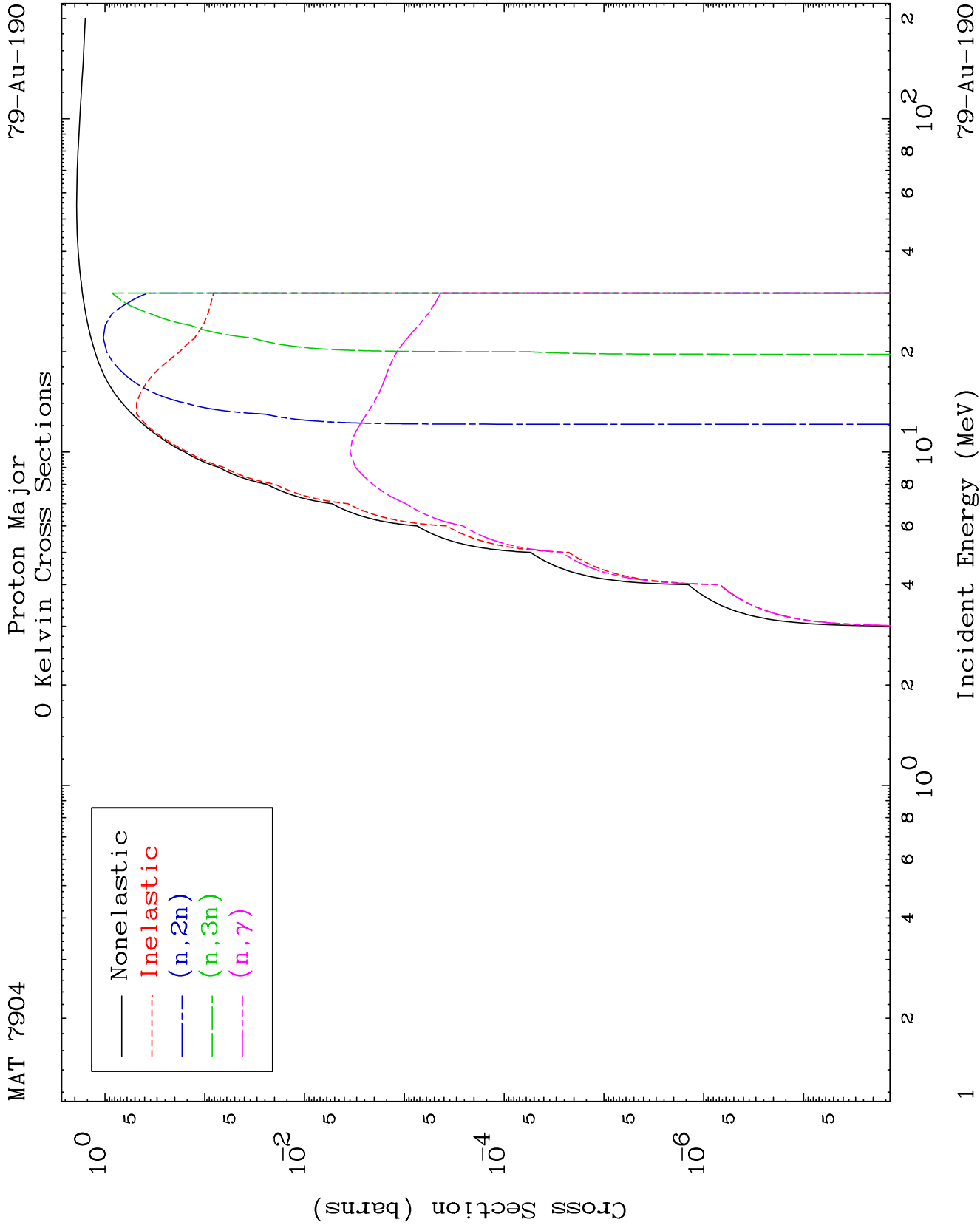
Dermott E. Cullen
(Present Contact Information)

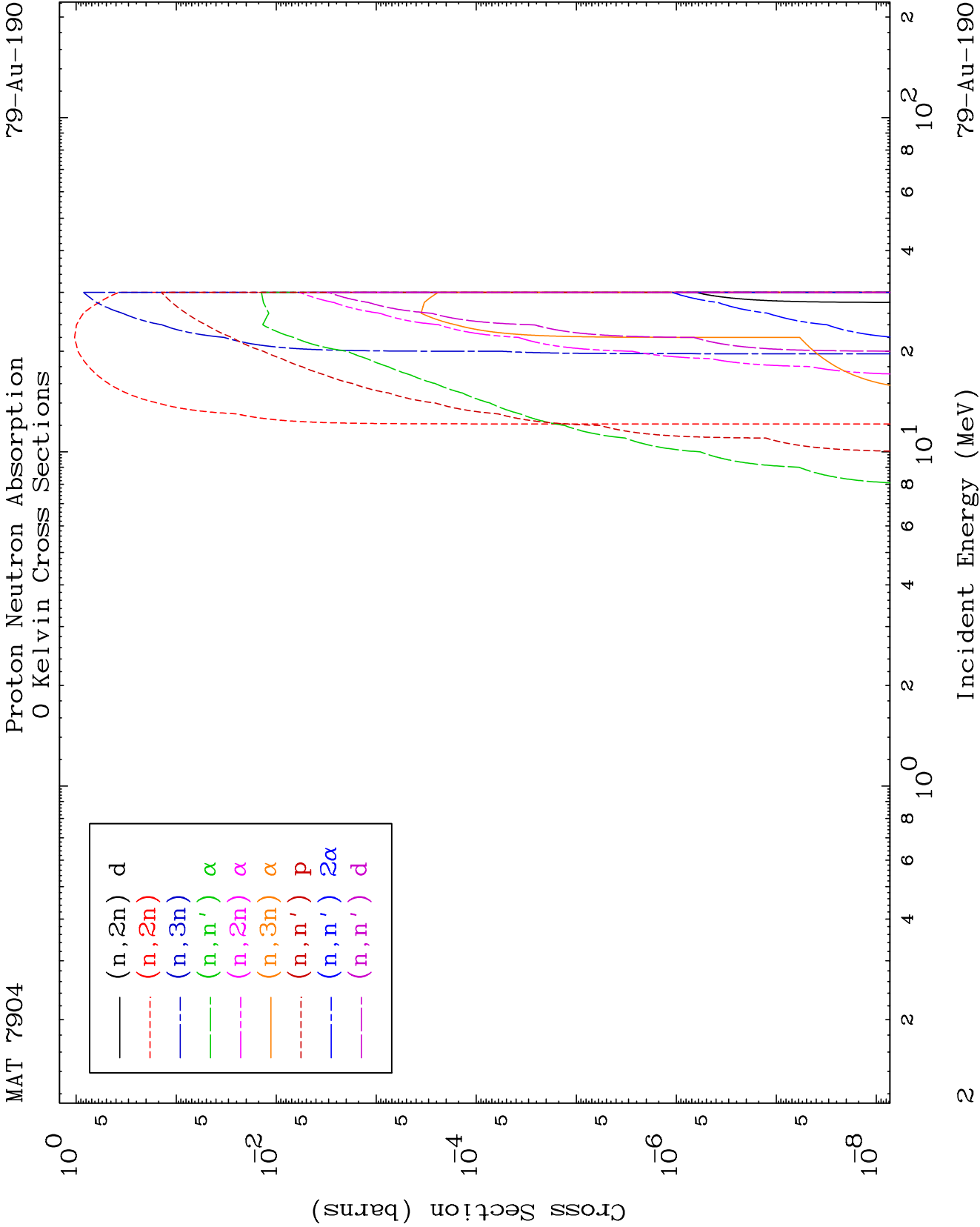
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

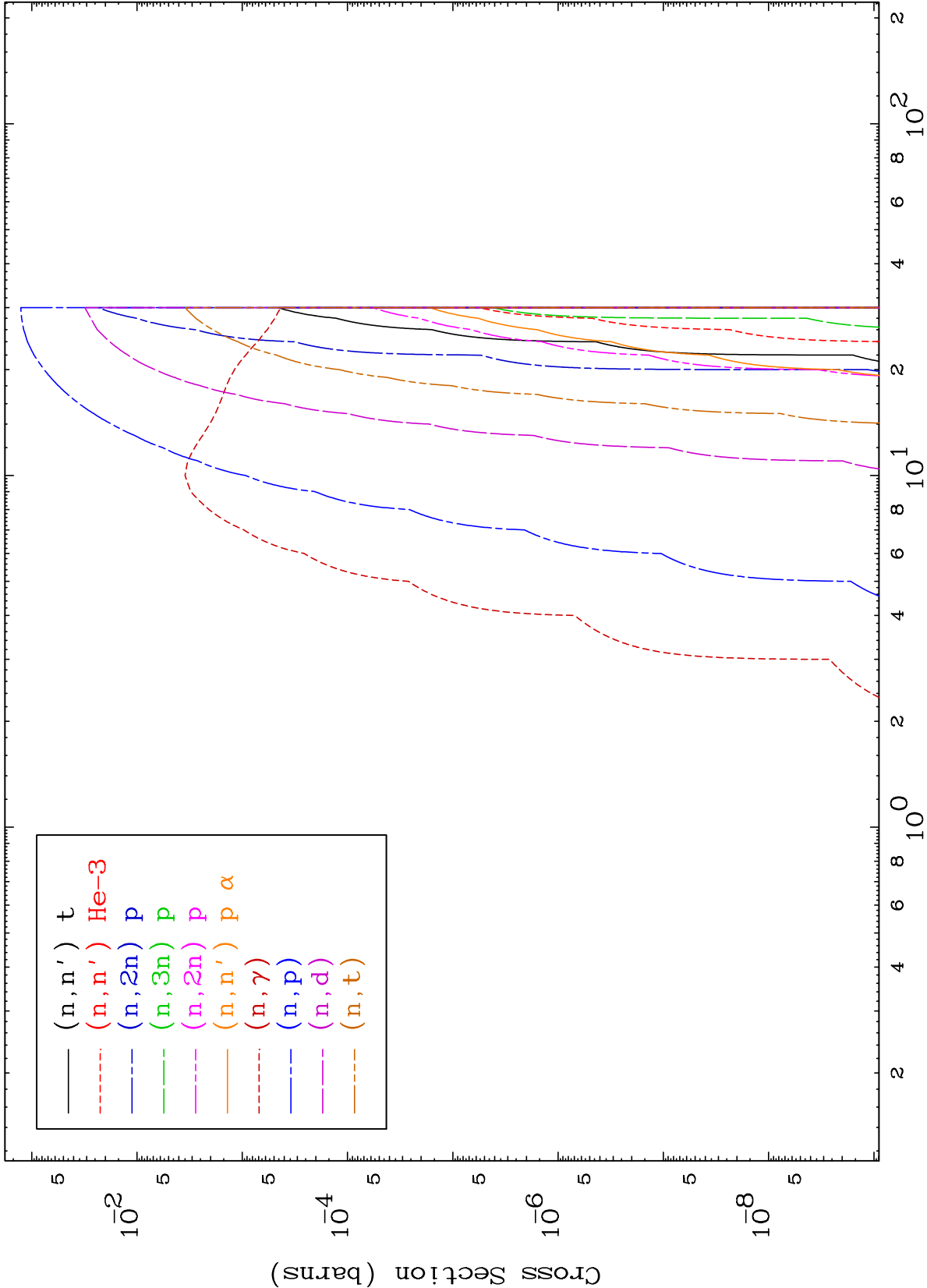
Tele: 925-443-1911

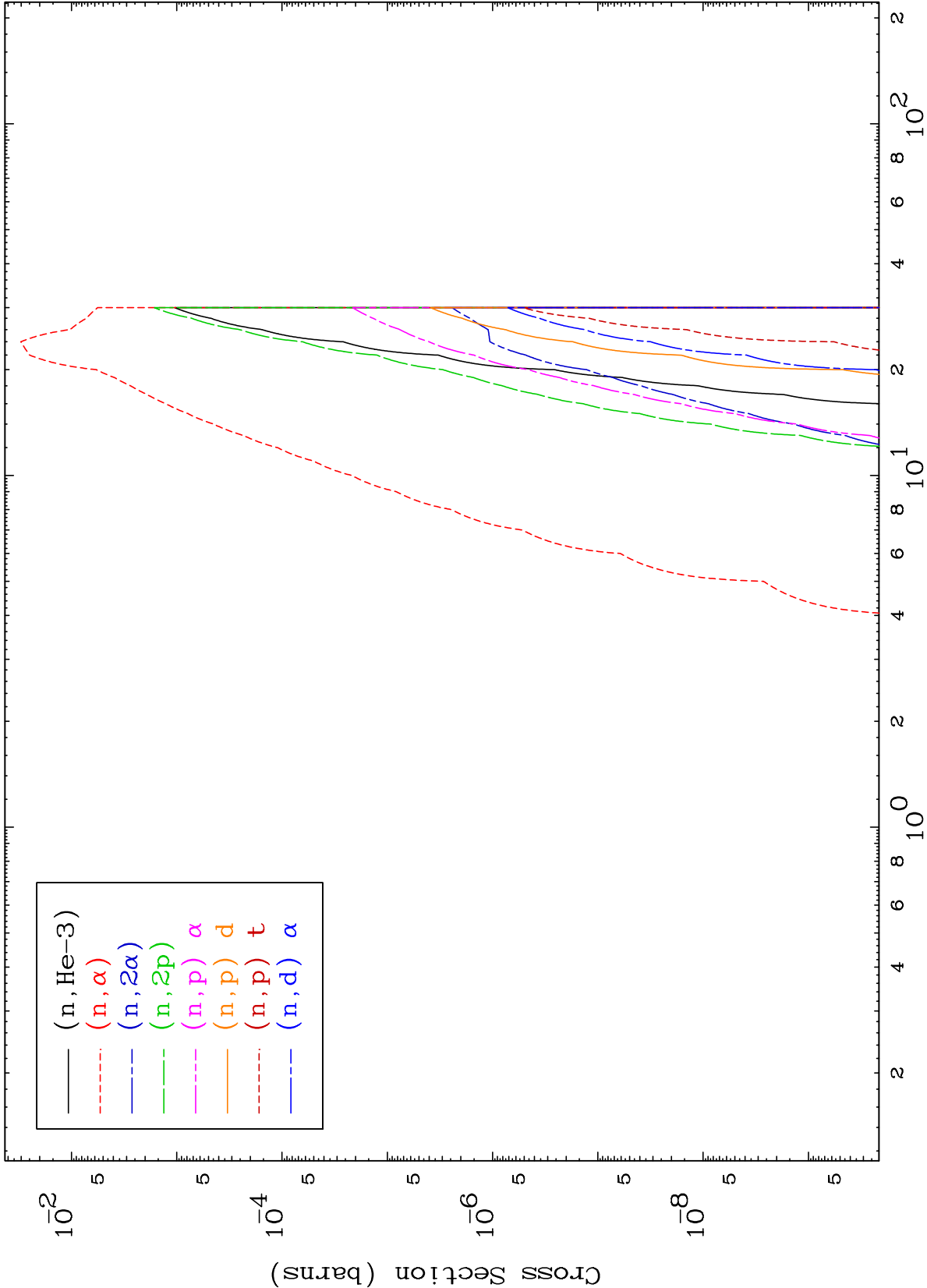
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





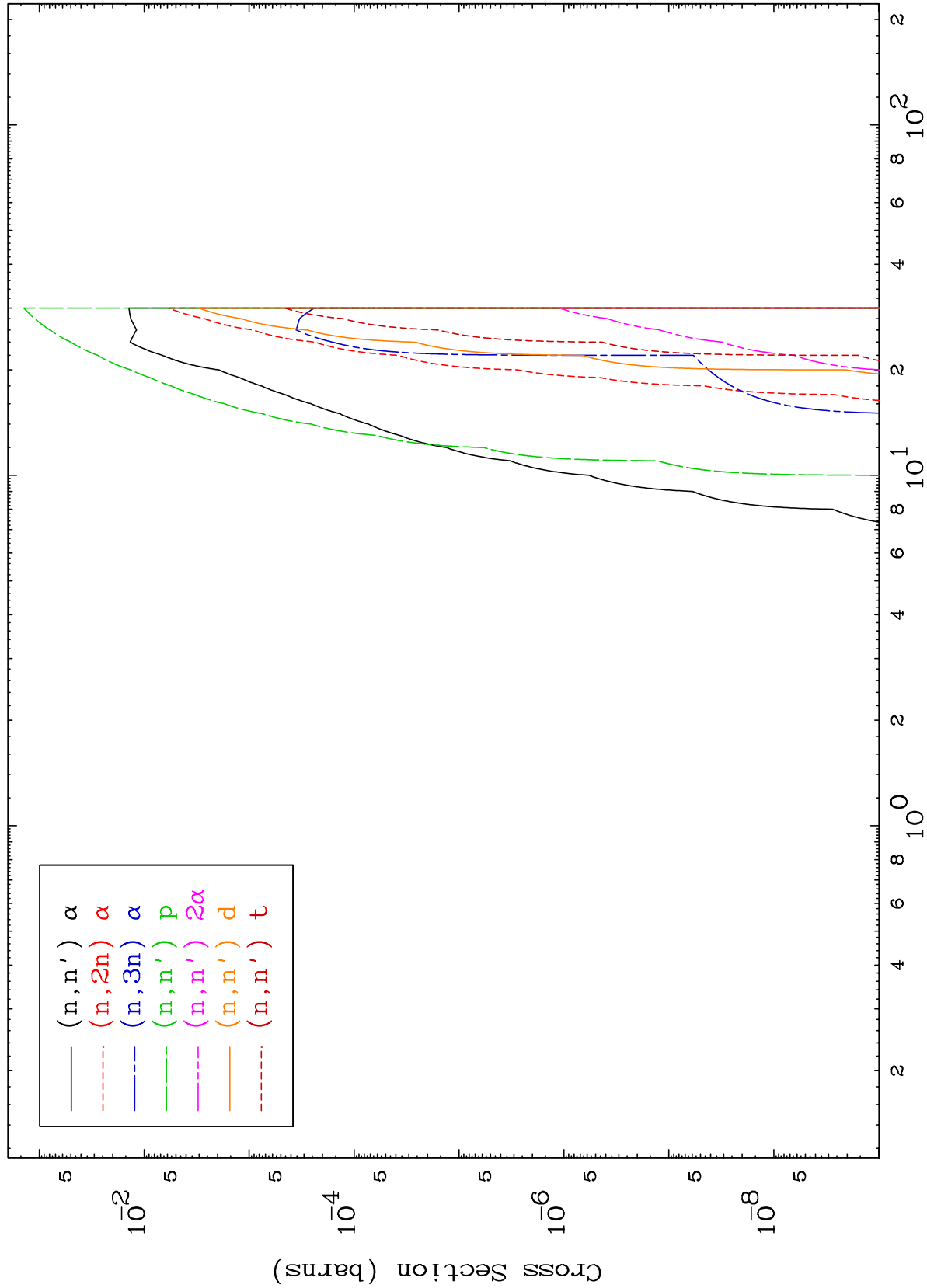




MAT 7904

Proton Charged Particle
0 Kelvin Cross Sections

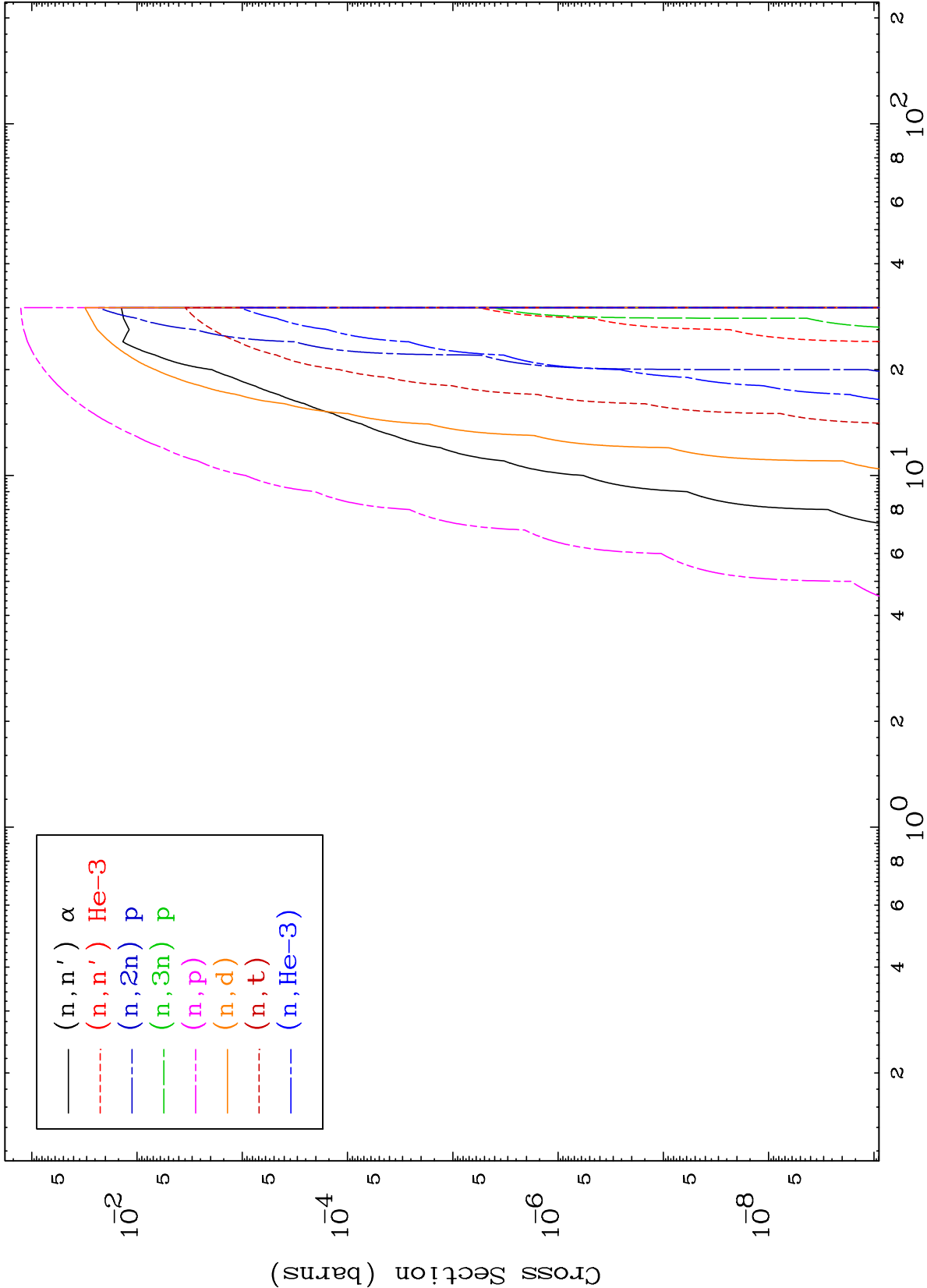
79-Au-190

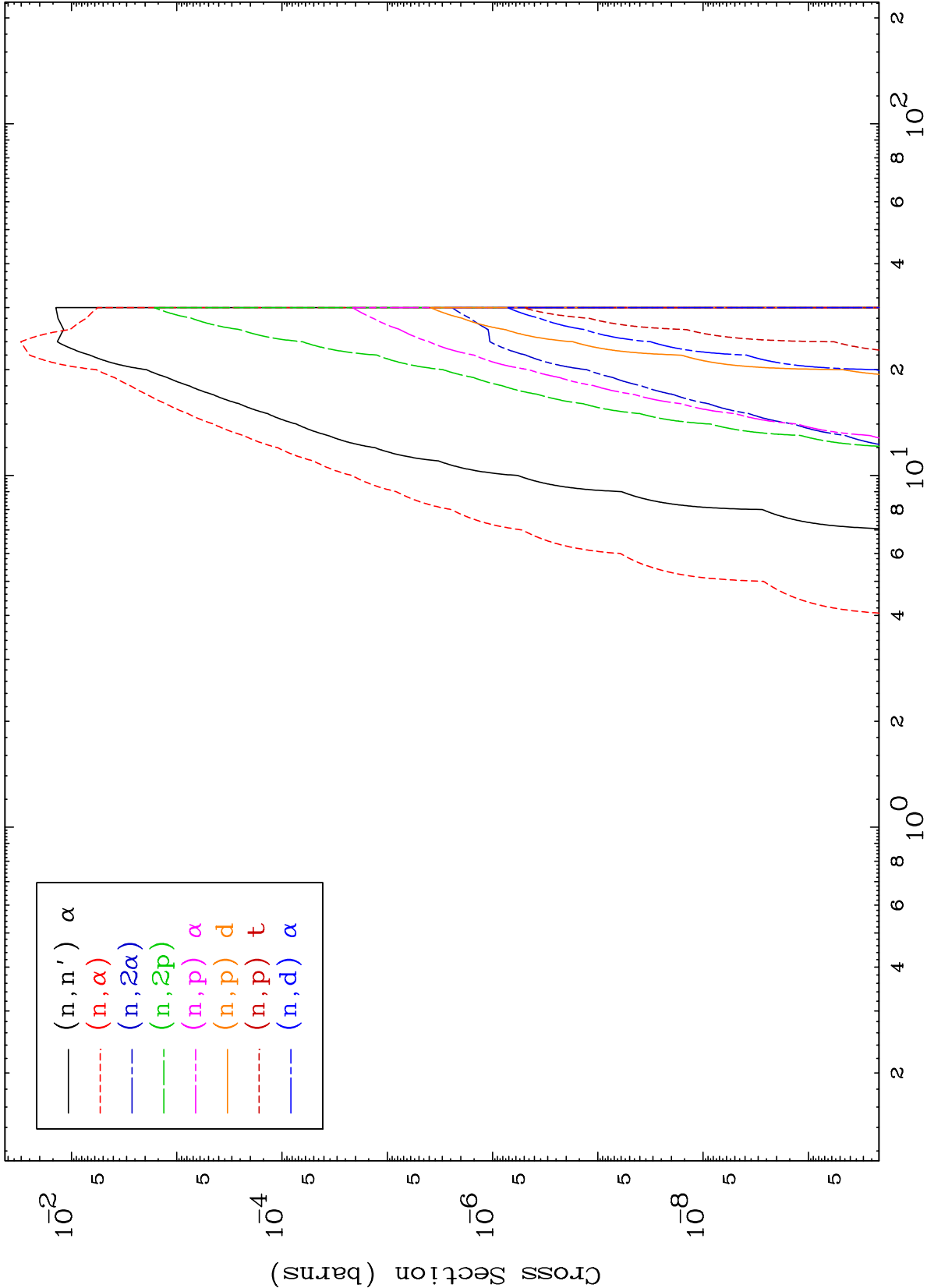


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Incident Energy (MeV)

79-Au-190

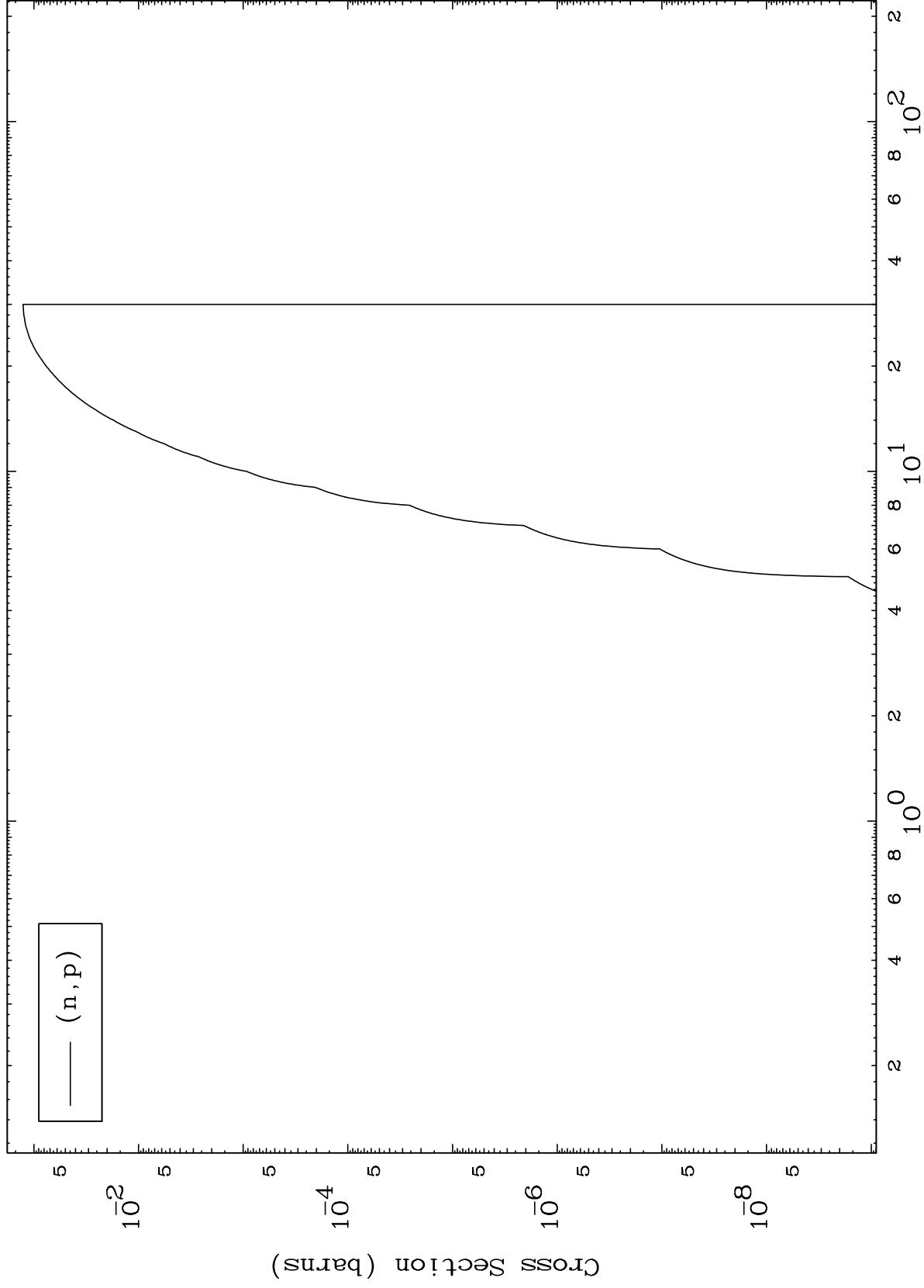




MAT 7904

79-Au-190

(p,p) Levels
0 Kelvin Cross Sections



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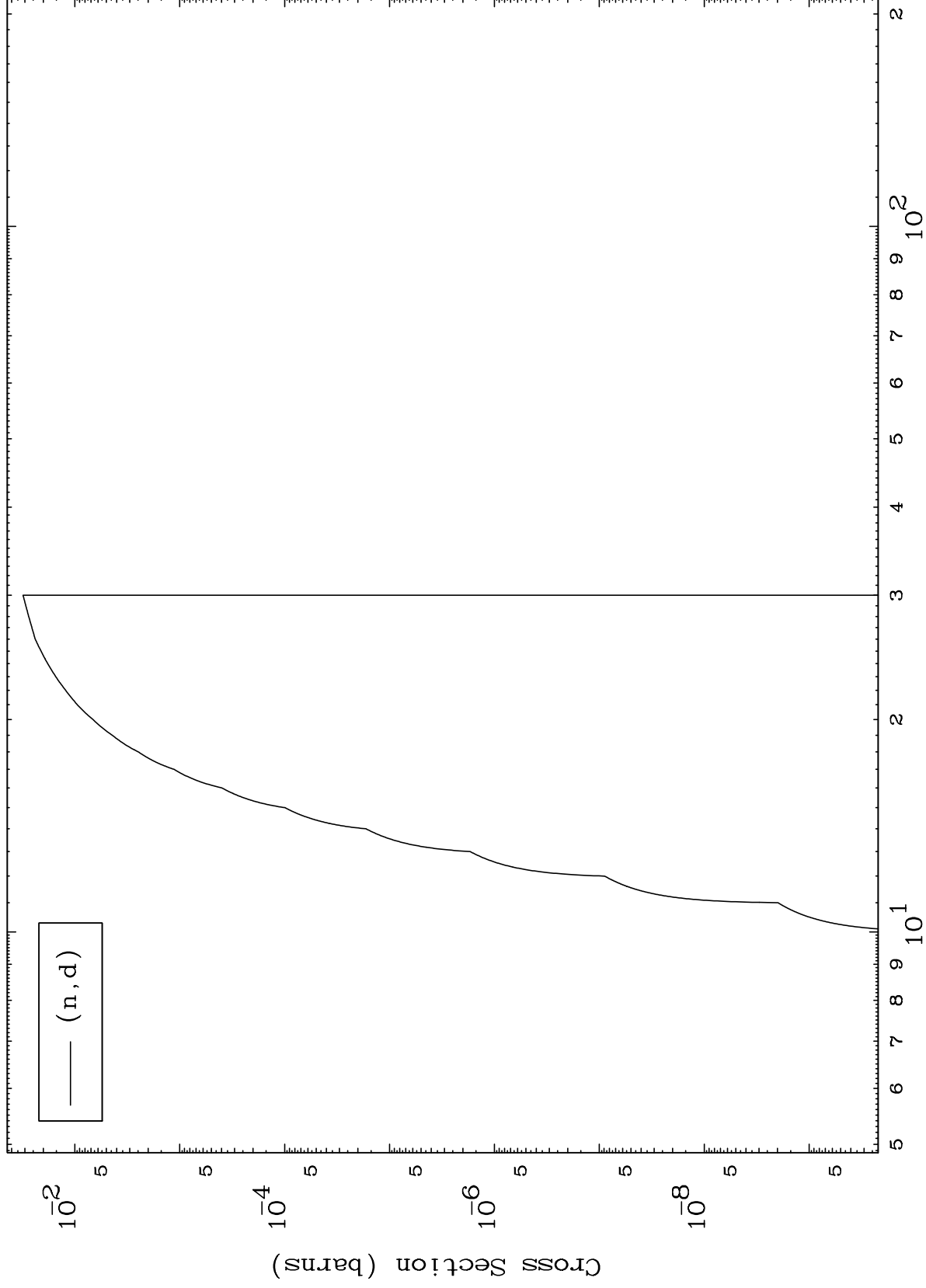
79-Au-190

Incident Energy (MeV)

MAT 7904

79-Au-190

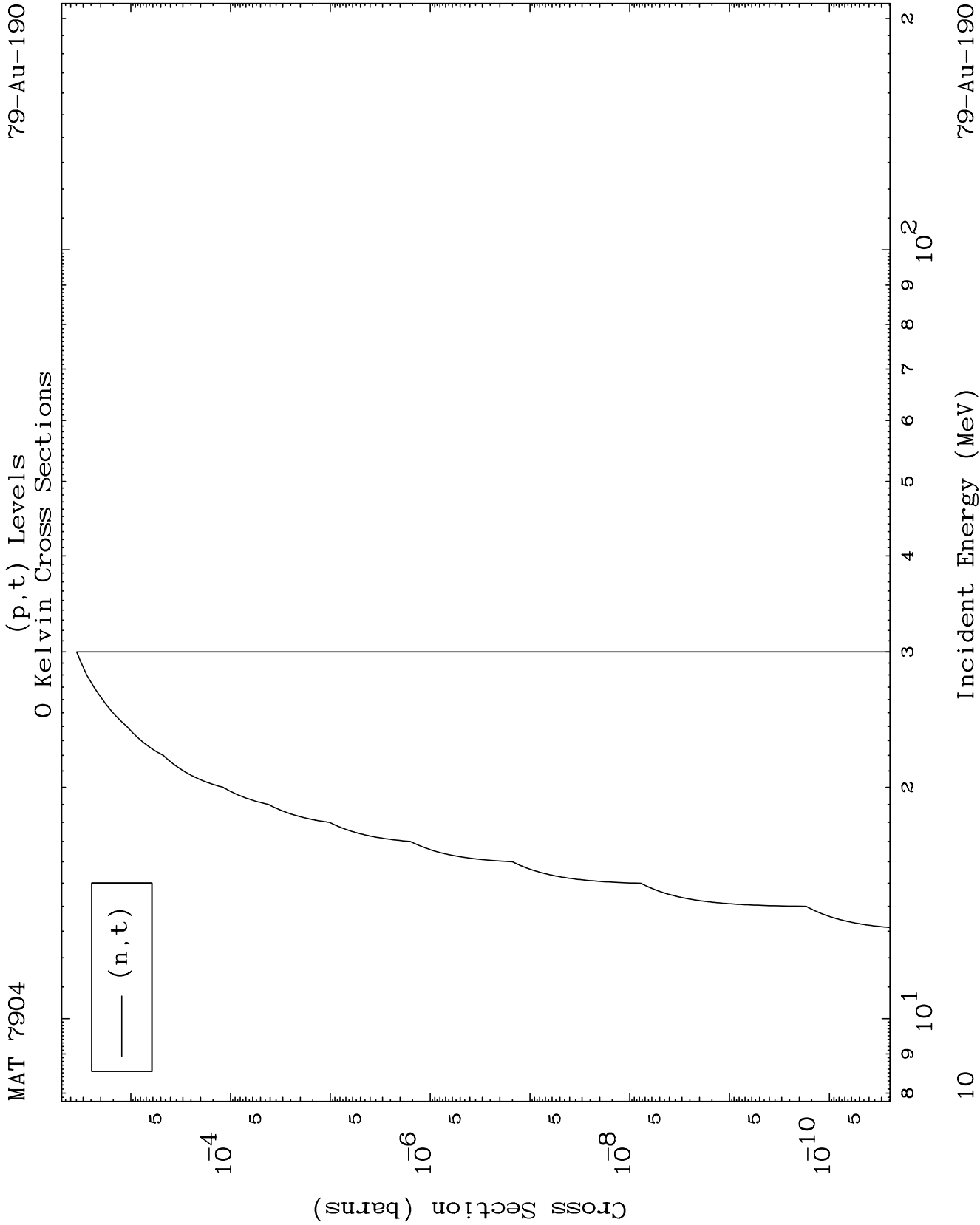
(p,d) Levels
0 Kelvin Cross Sections



79-Au-190

Incident Energy (MeV)

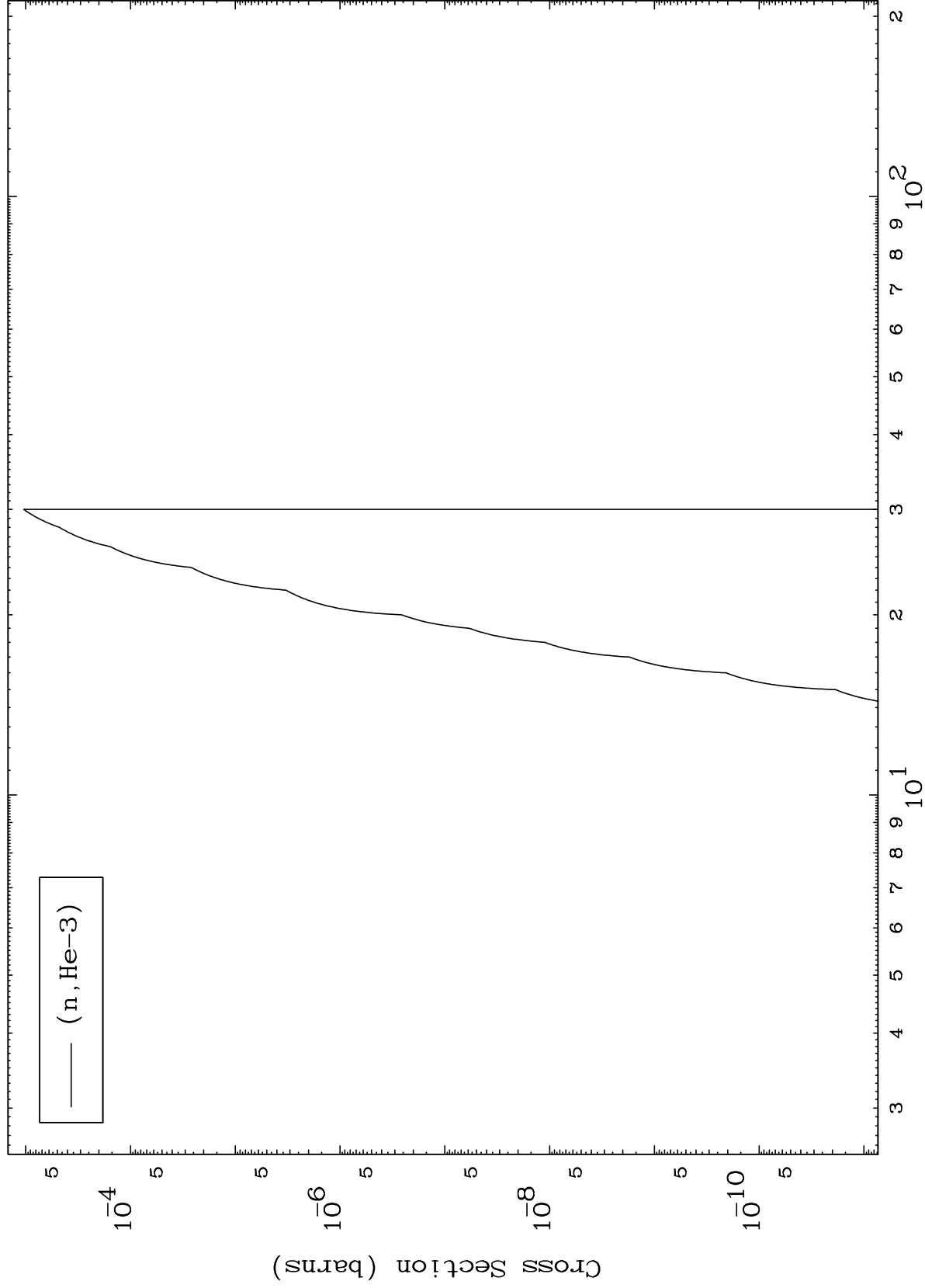
9



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79-Au-190

(p,He3) Levels
0 Kelvin Cross Sections



11

Incident Energy (MeV)

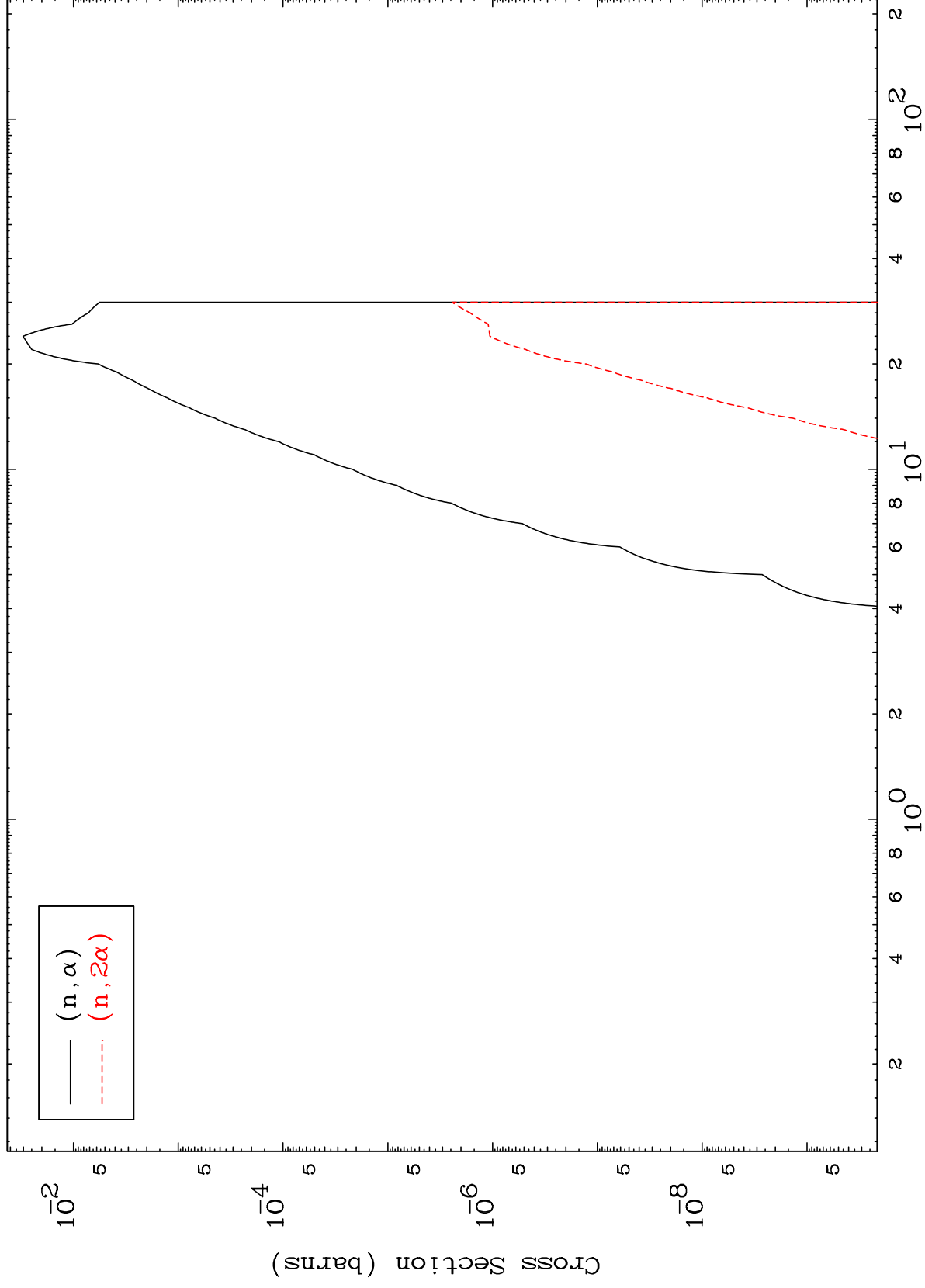
79-Au-190

MAT 7904

(p, α) Levels

79-Au-190

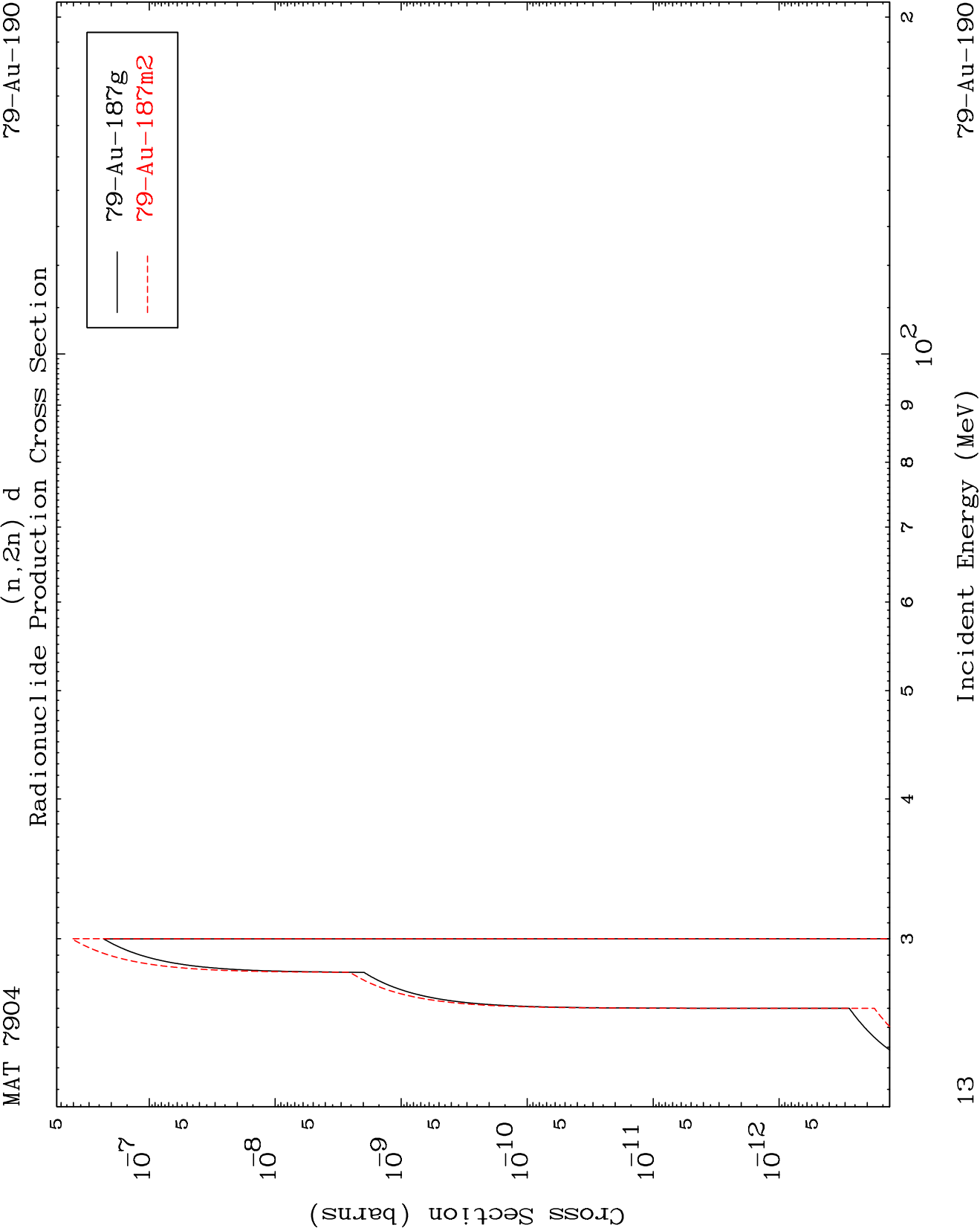
0 Kelvin Cross Sections



12

Incident Energy (MeV)

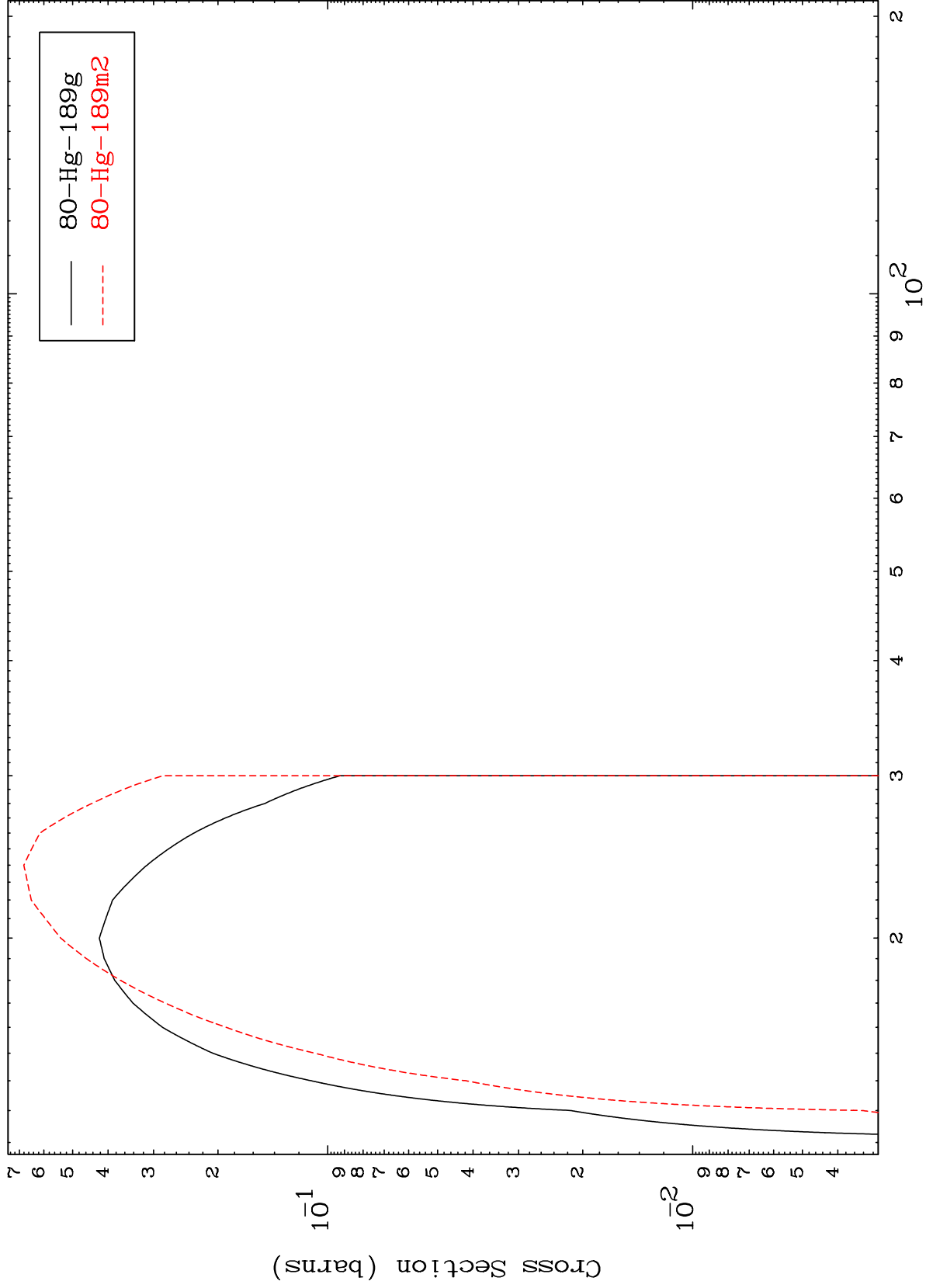
79-Au-190



MAT 7904

79-Au-190

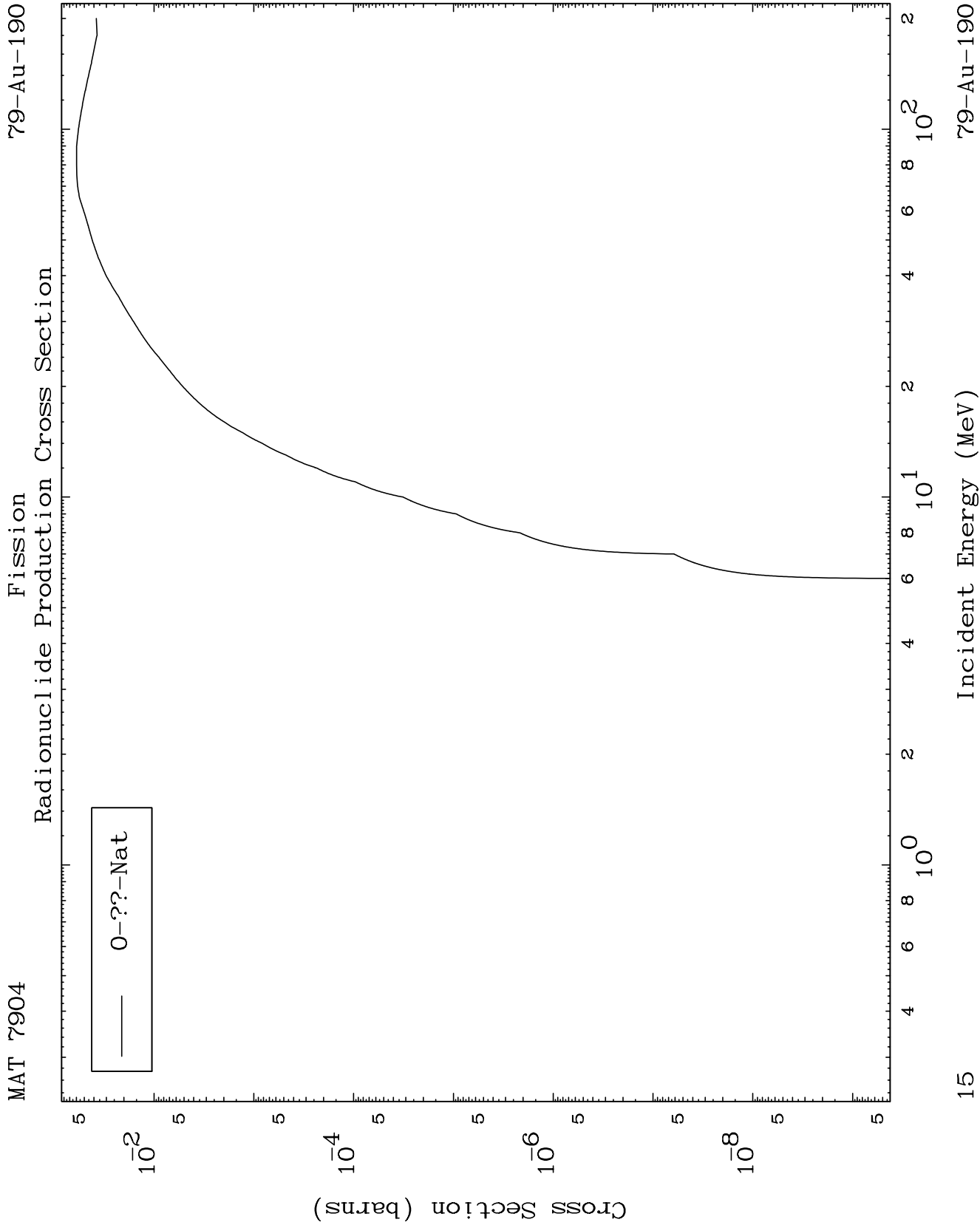
(n,2n)
Radionuclide Production Cross Section

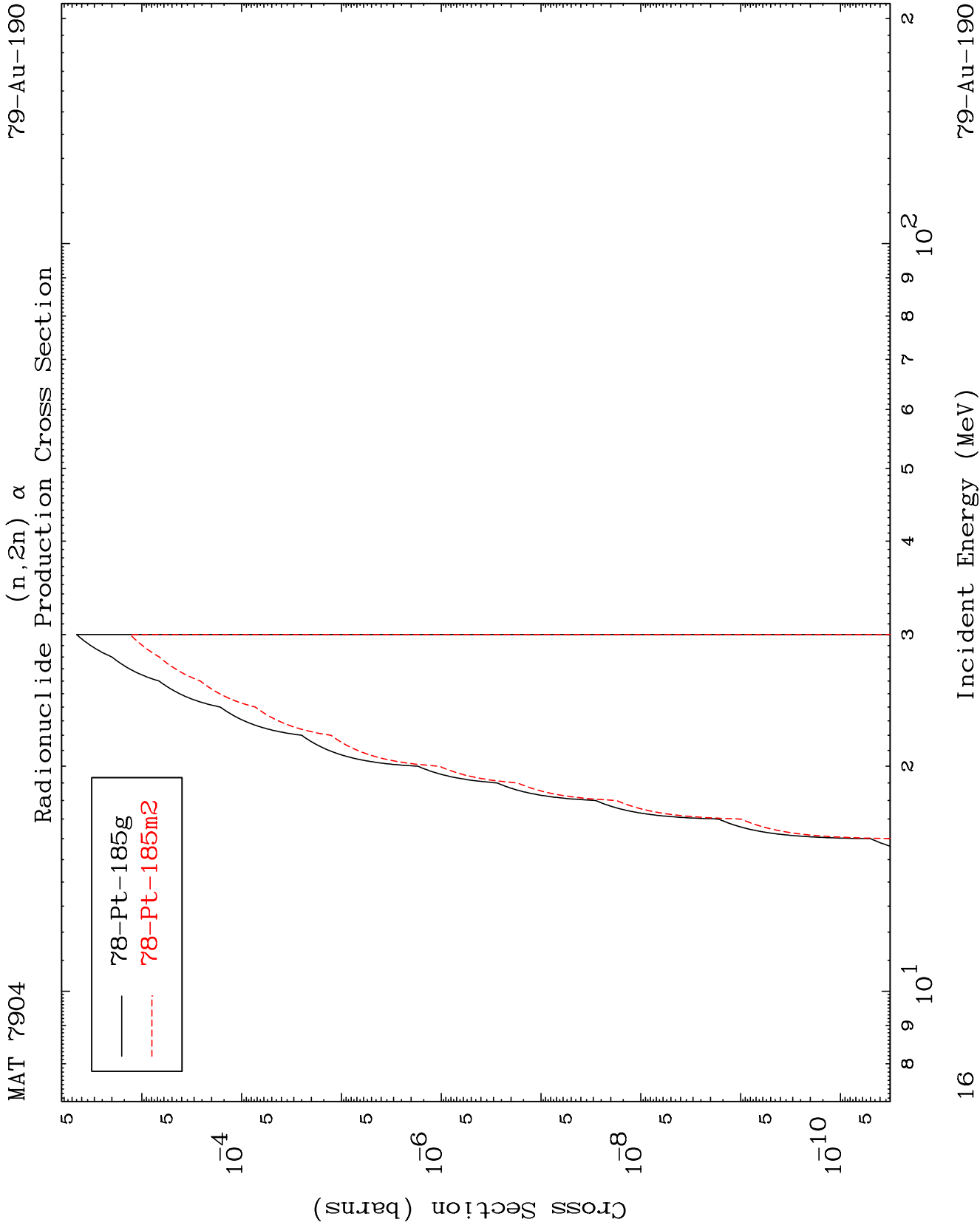


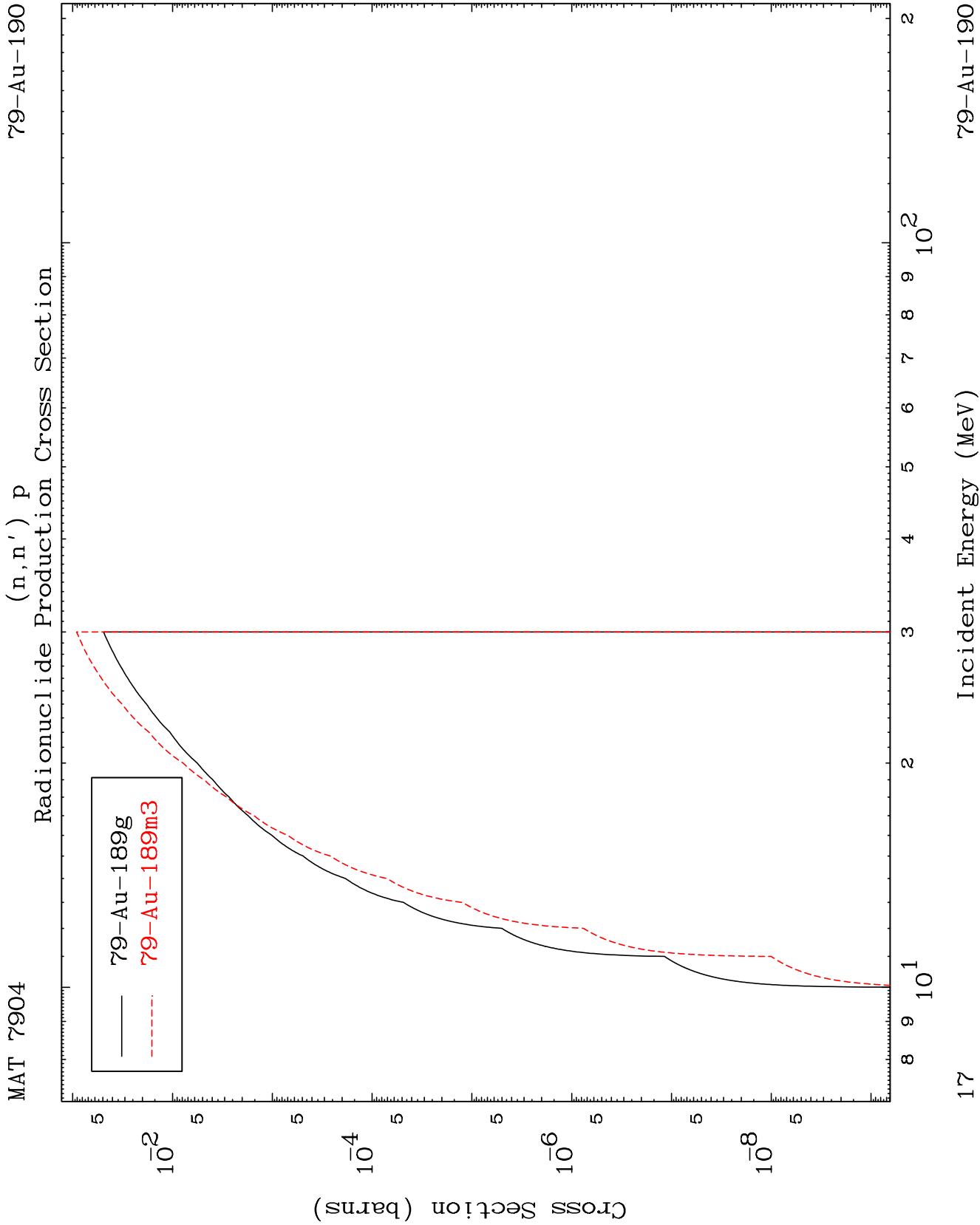
79-Au-190

Incident Energy (MeV)

14





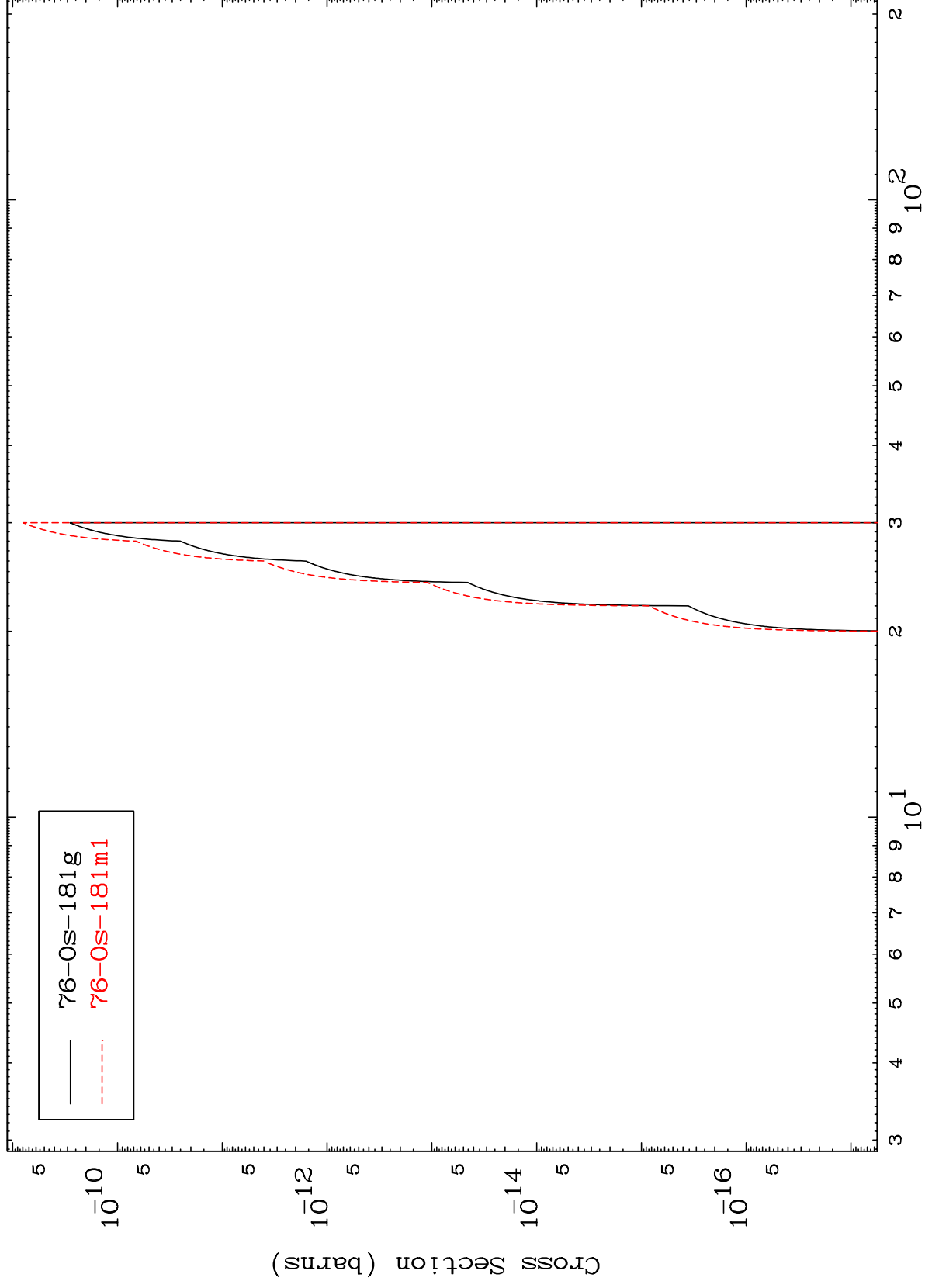


MAT 7904

(n,2n) 2α

79-Au-190

Radionuclide Production Cross Section



18

Incident Energy (MeV)

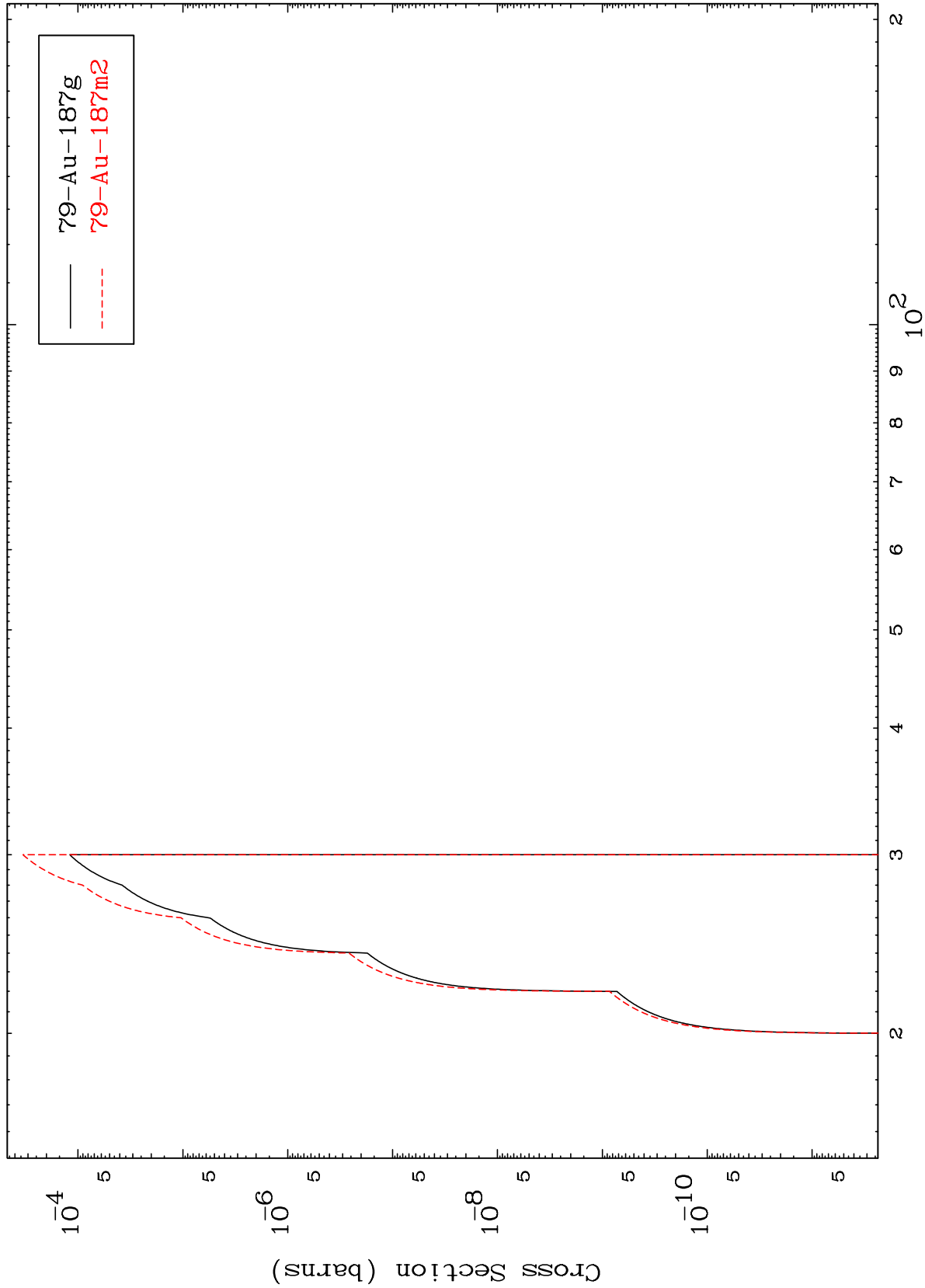
79-Au-190

MAT 7904

(n,n') t

79-Au-190

Radionuclide Production Cross Section

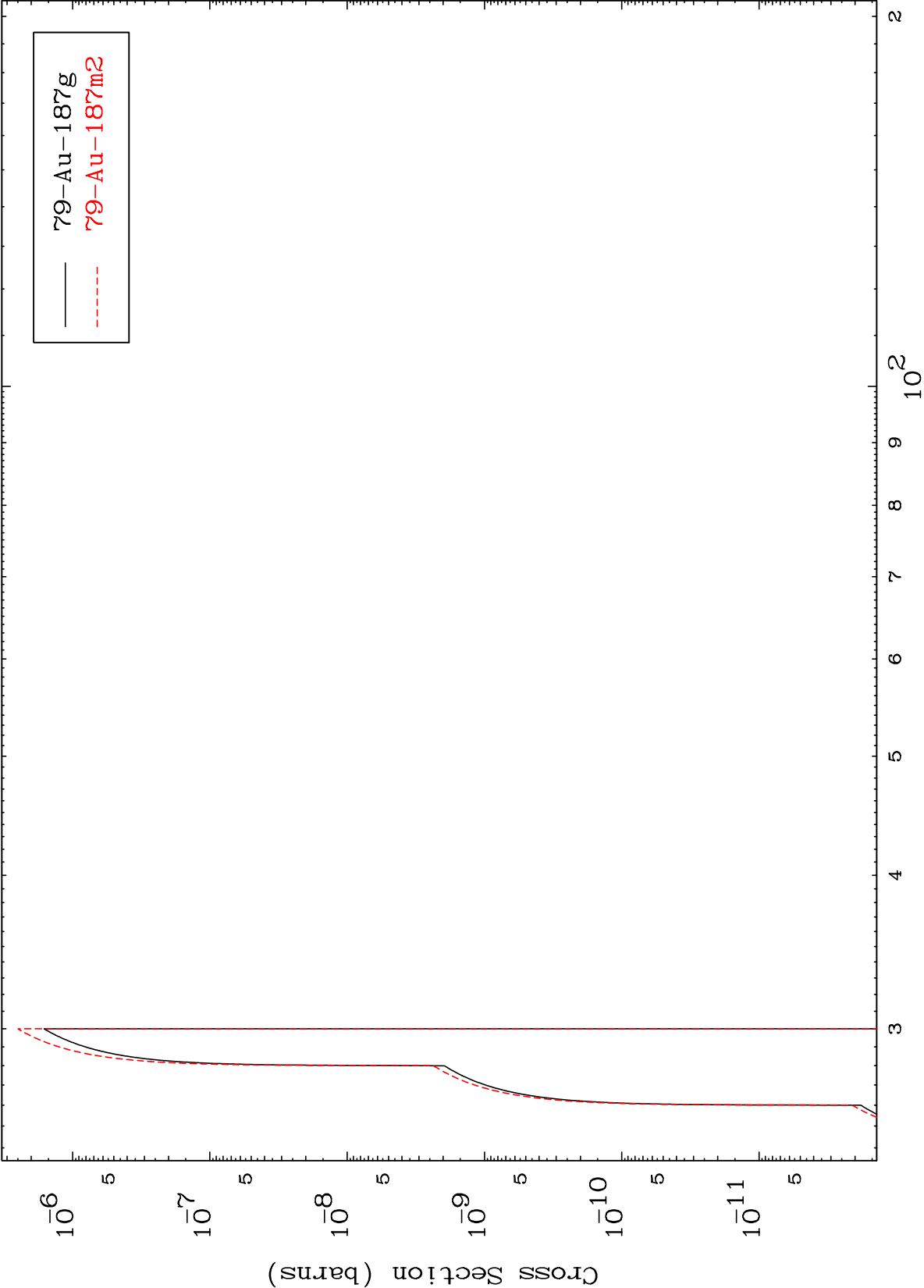


19

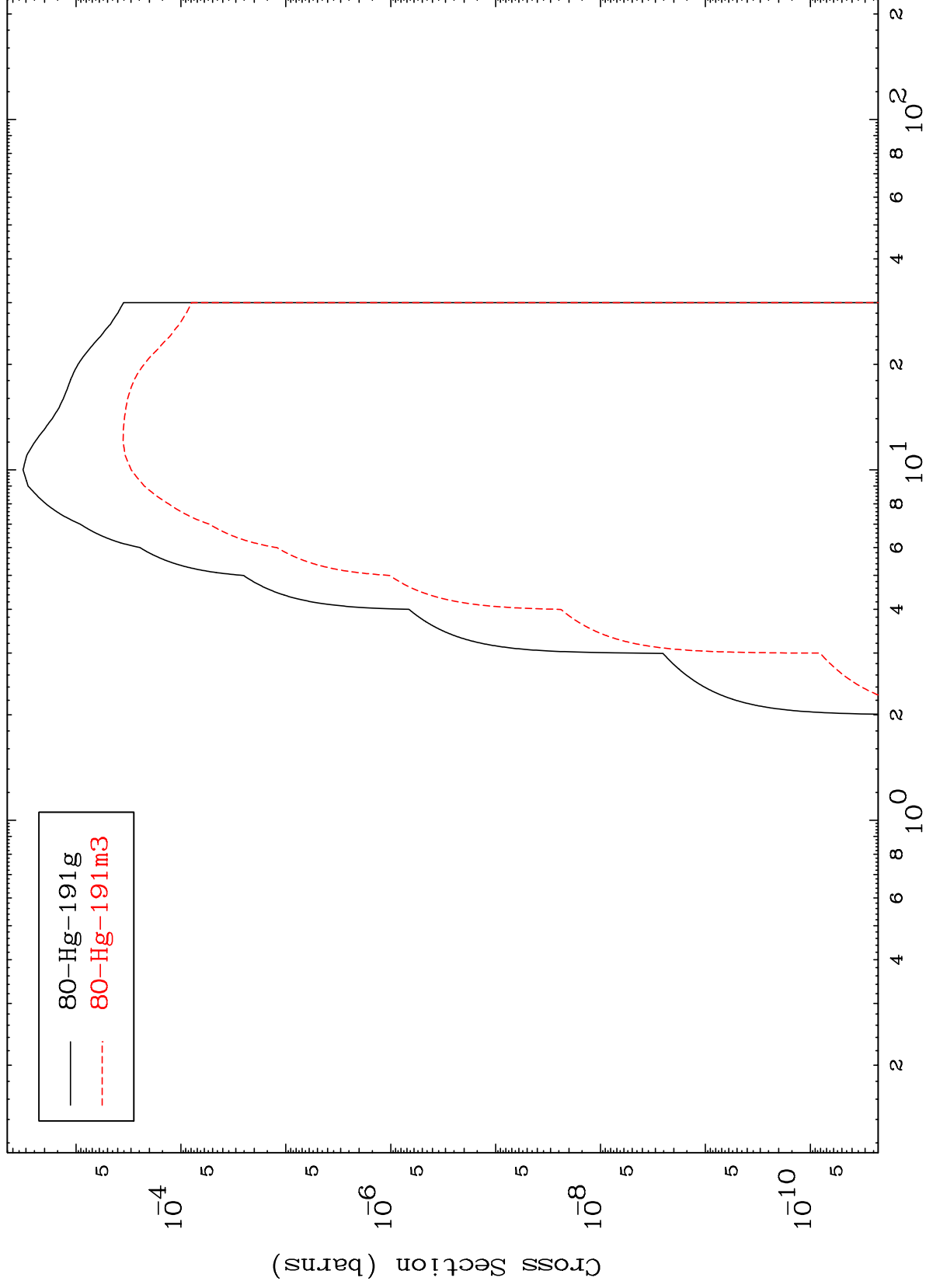
Incident Energy (MeV)

79-Au-190

(n,3n) p
Radionuclide Production Cross Section



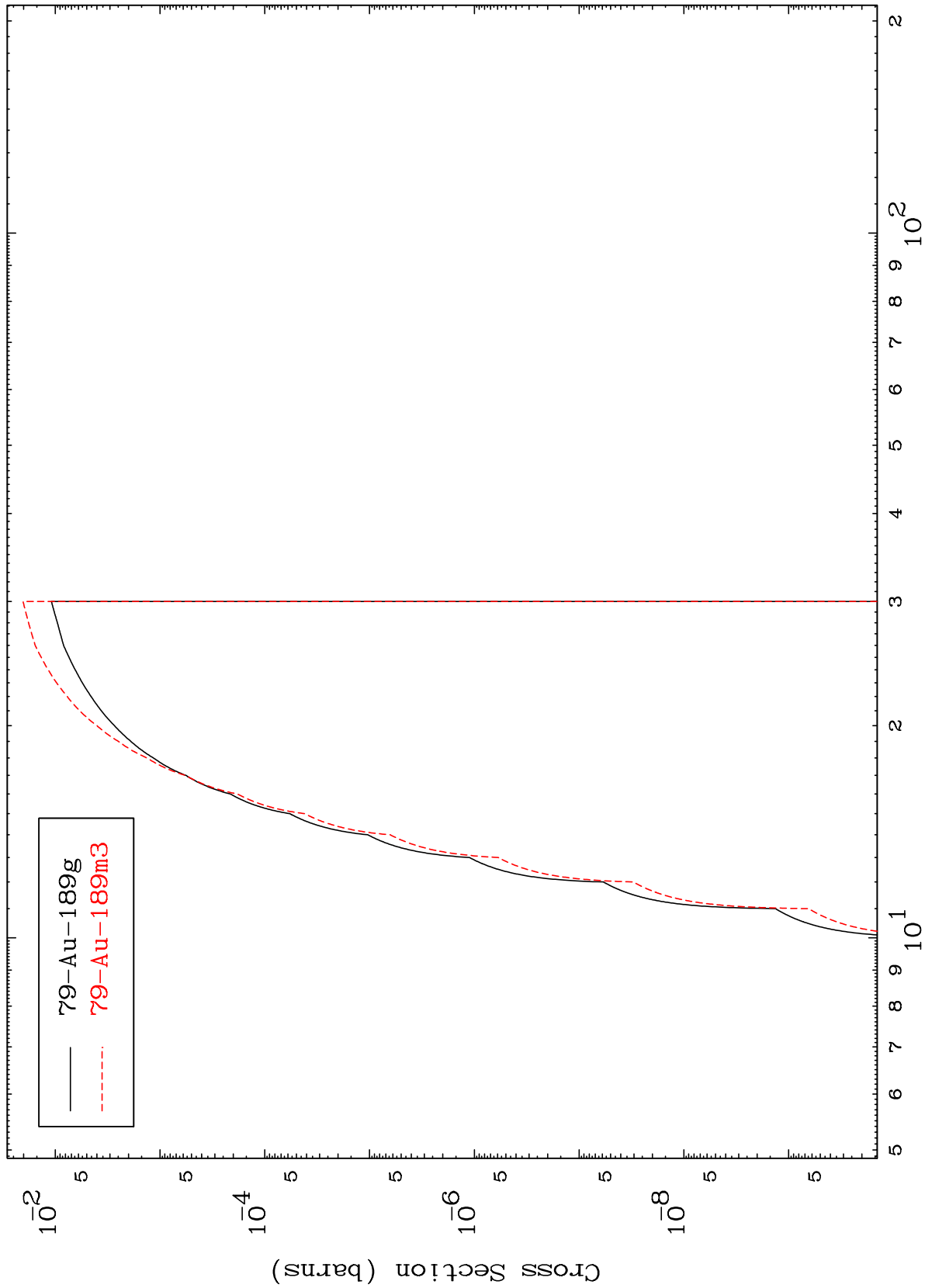
Radionuclide Production Cross Section
(n, γ)



MAT 7904

79-Au-190

(n,d)
Radionuclide Production Cross Section



22

Incident Energy (MeV)

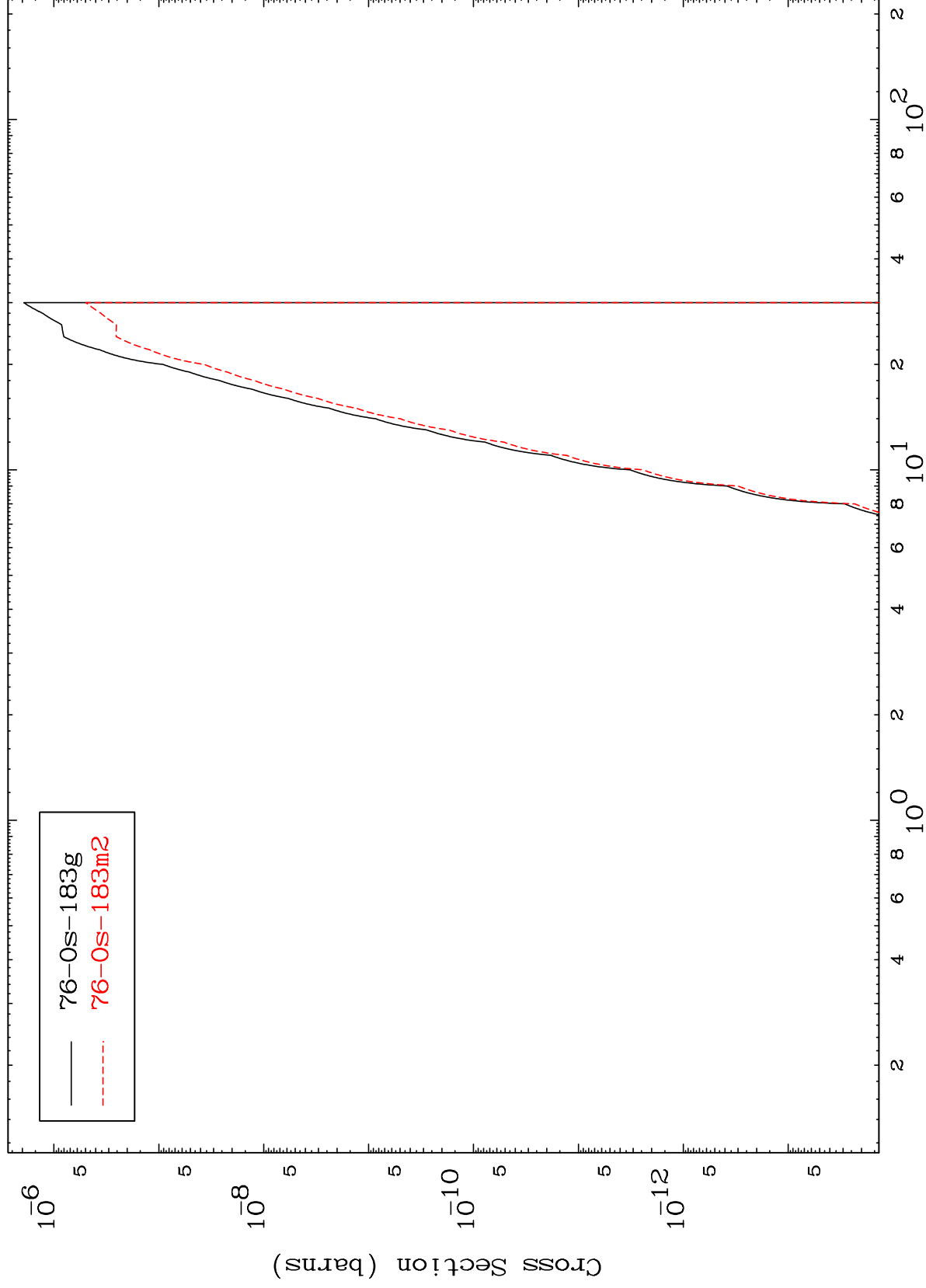
79-Au-190

MAT 7904

(n,2α)

79-Au-190

Radionuclide Production Cross Section



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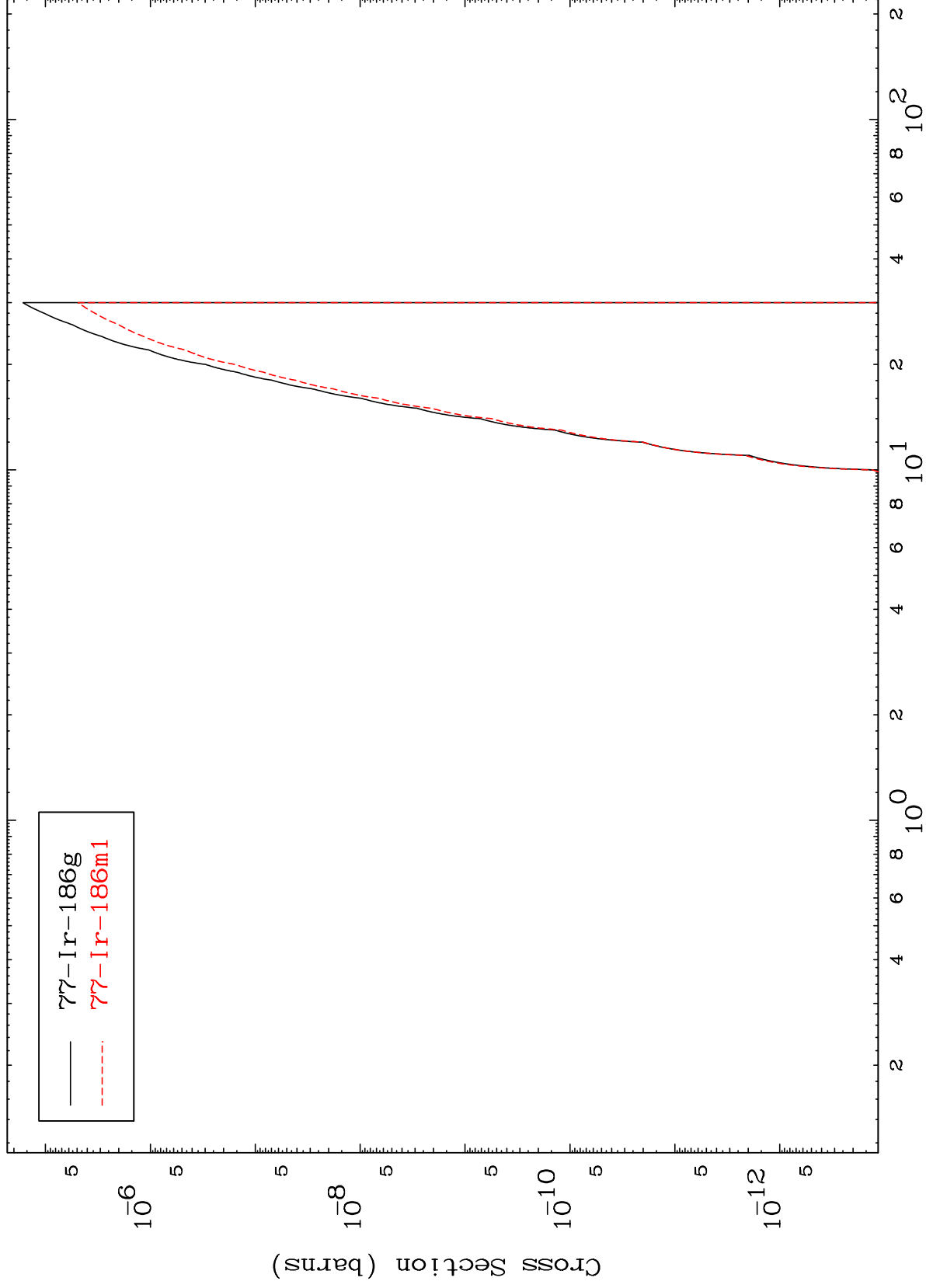
Incident Energy (MeV)

79-Au-190

MAT 7904

$^{79}\text{Au-190}$

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



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Incident Energy (MeV)

$^{79}\text{Au-190}$