

Program EVALPLOT
(Version 2021-1)

by

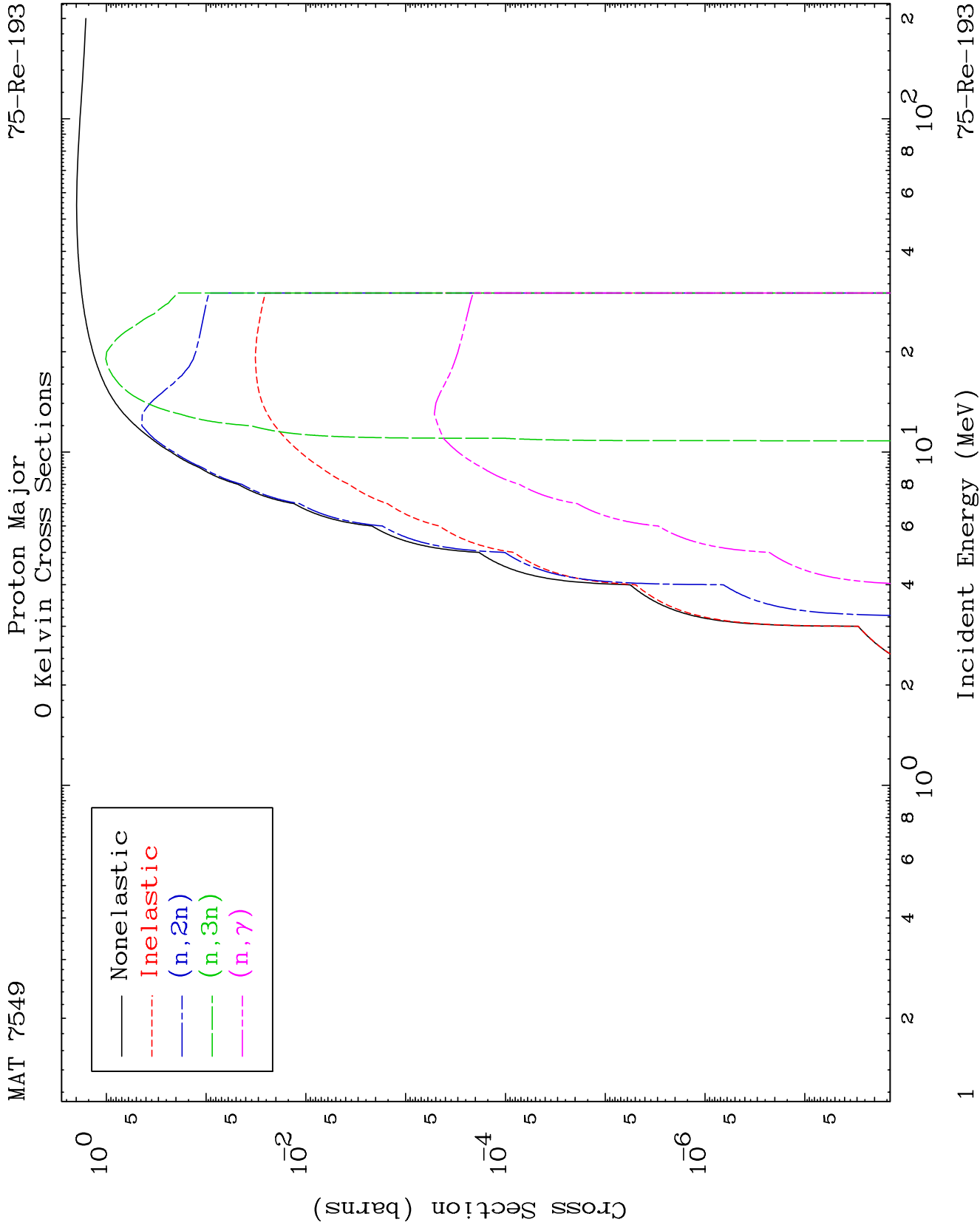
Dermott E. Cullen
(Present Contact Information)

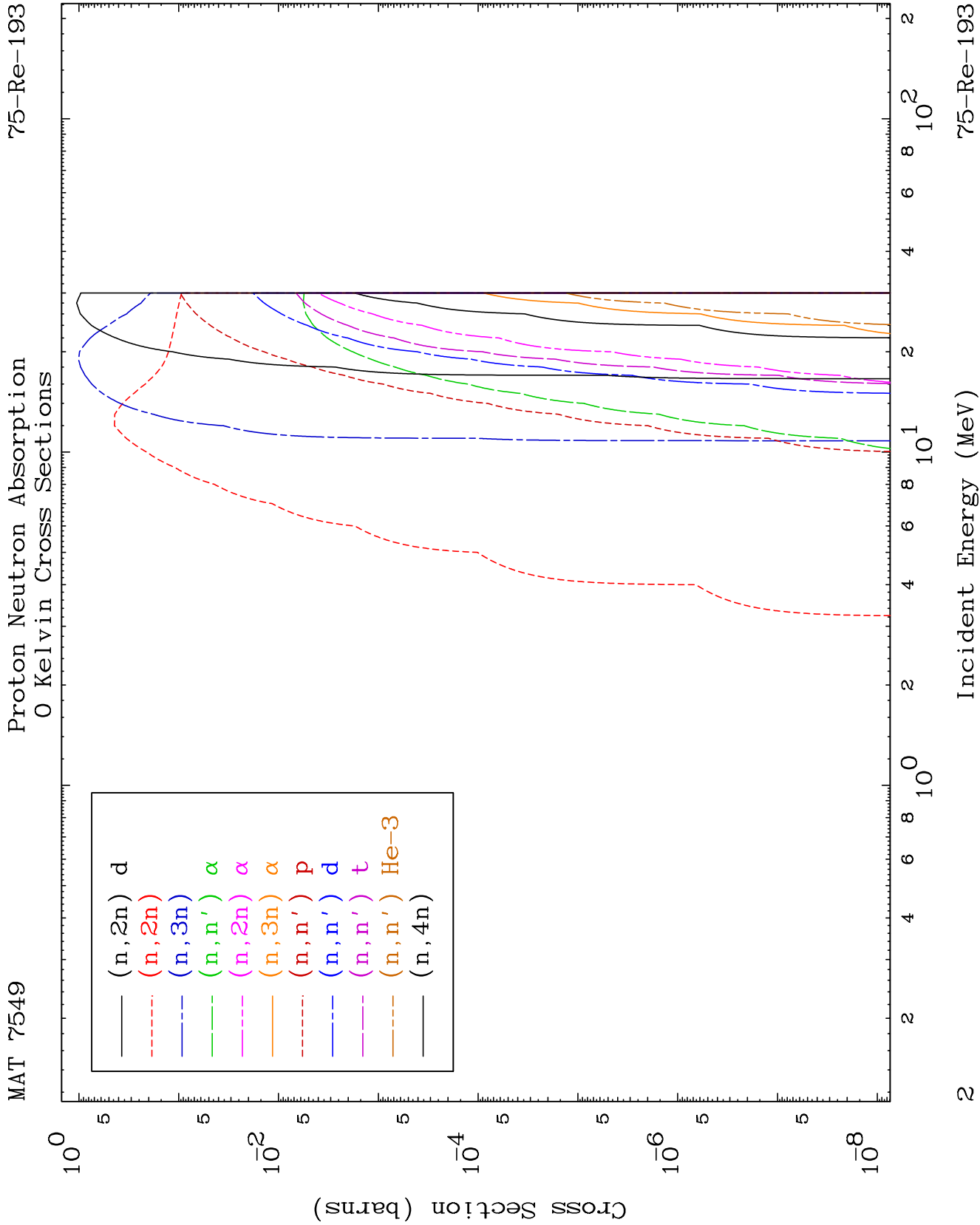
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

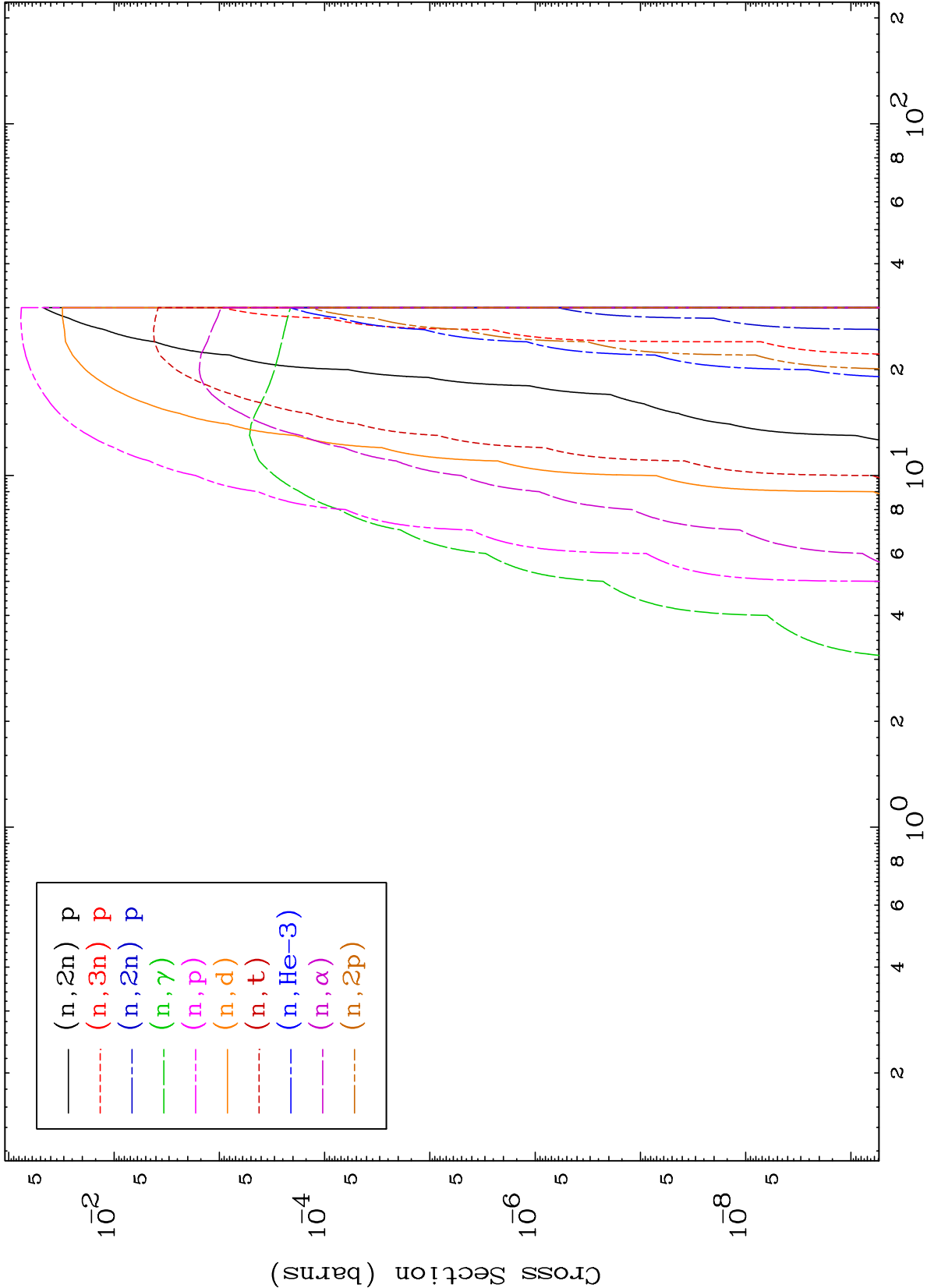
Tele: 925-443-1911

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

Press Mouse Button to Start



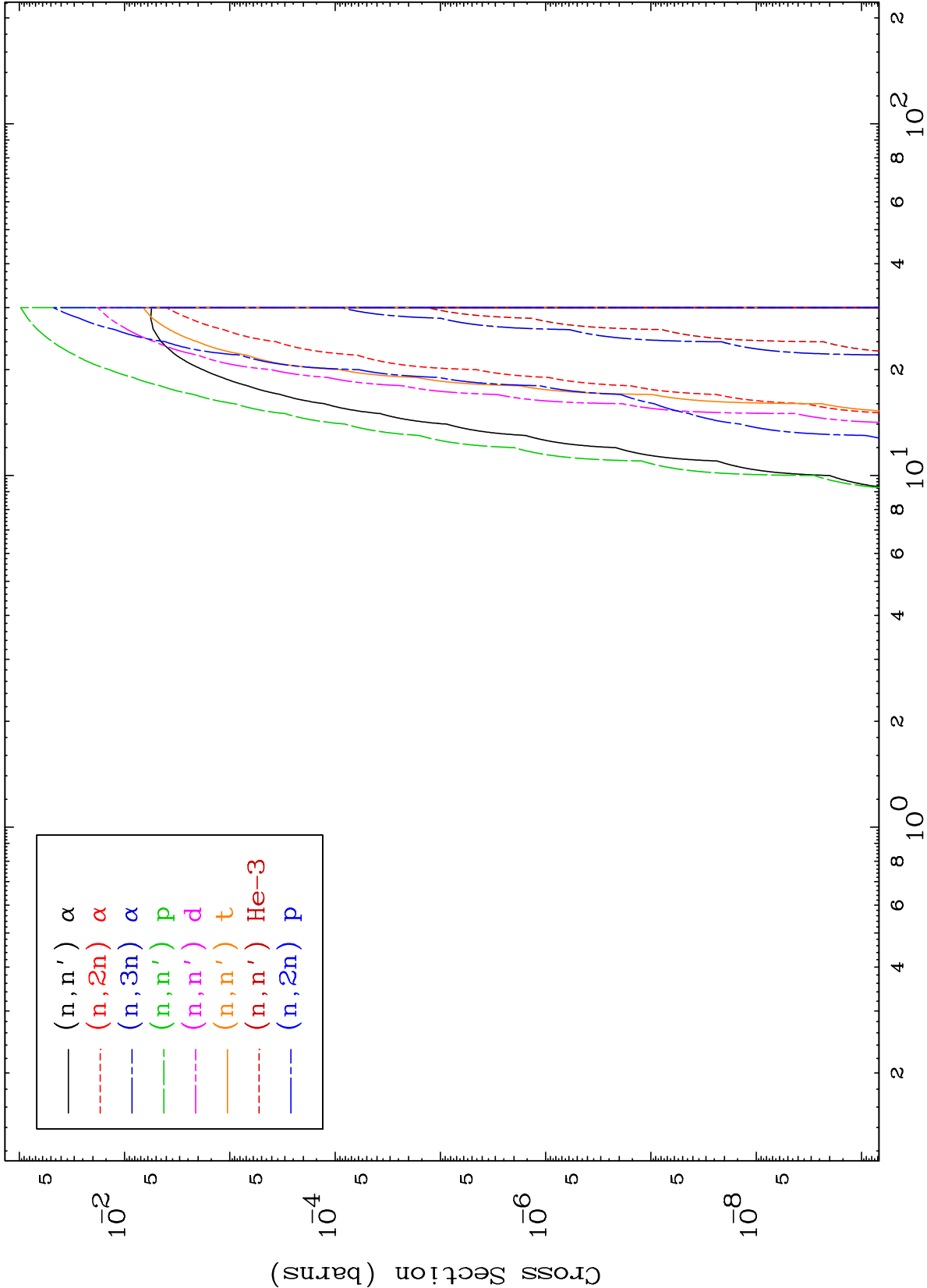


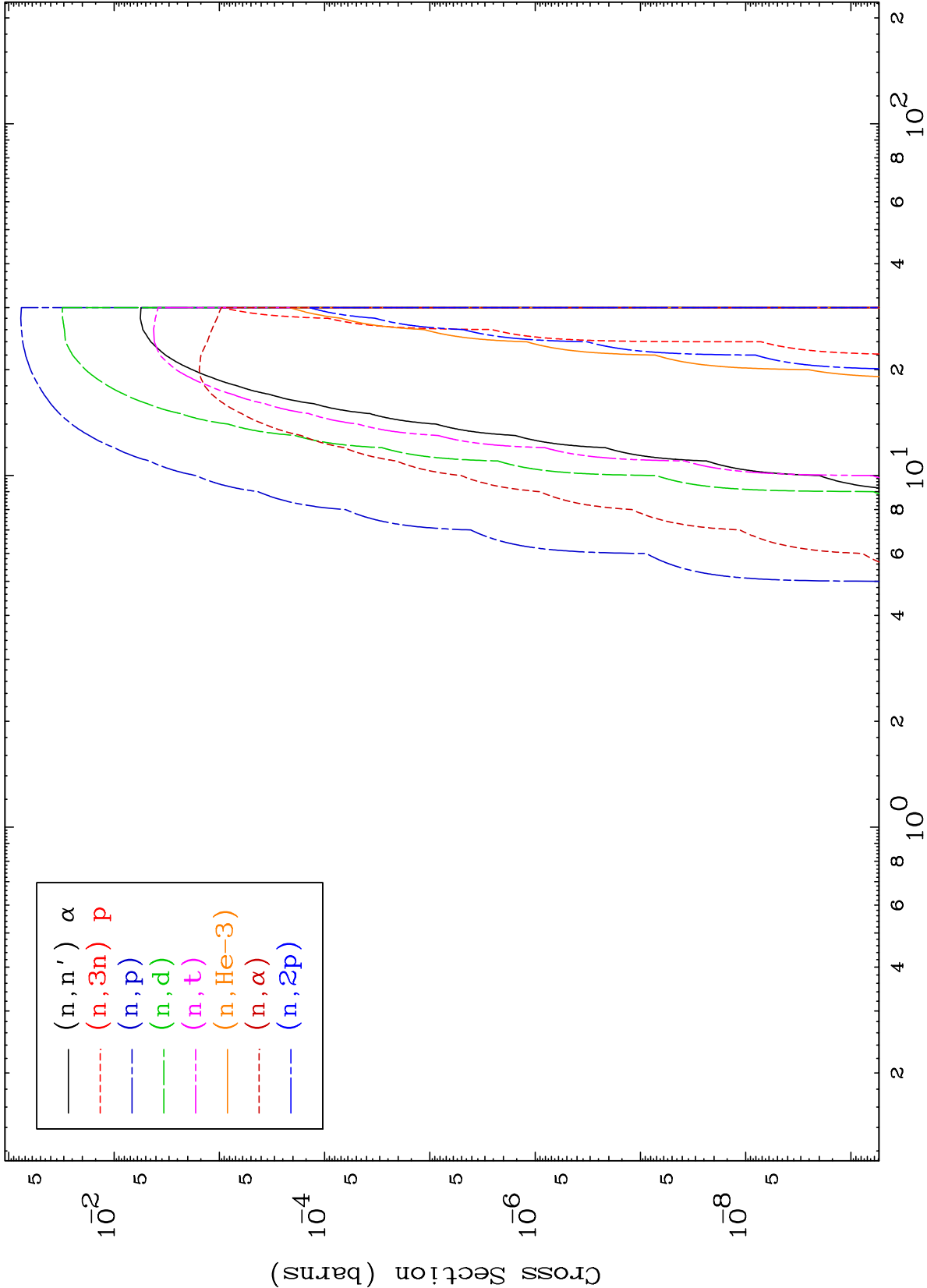


MAT 7549

Proton Charged Particle
0 Kelvin Cross Sections

75-Re-193



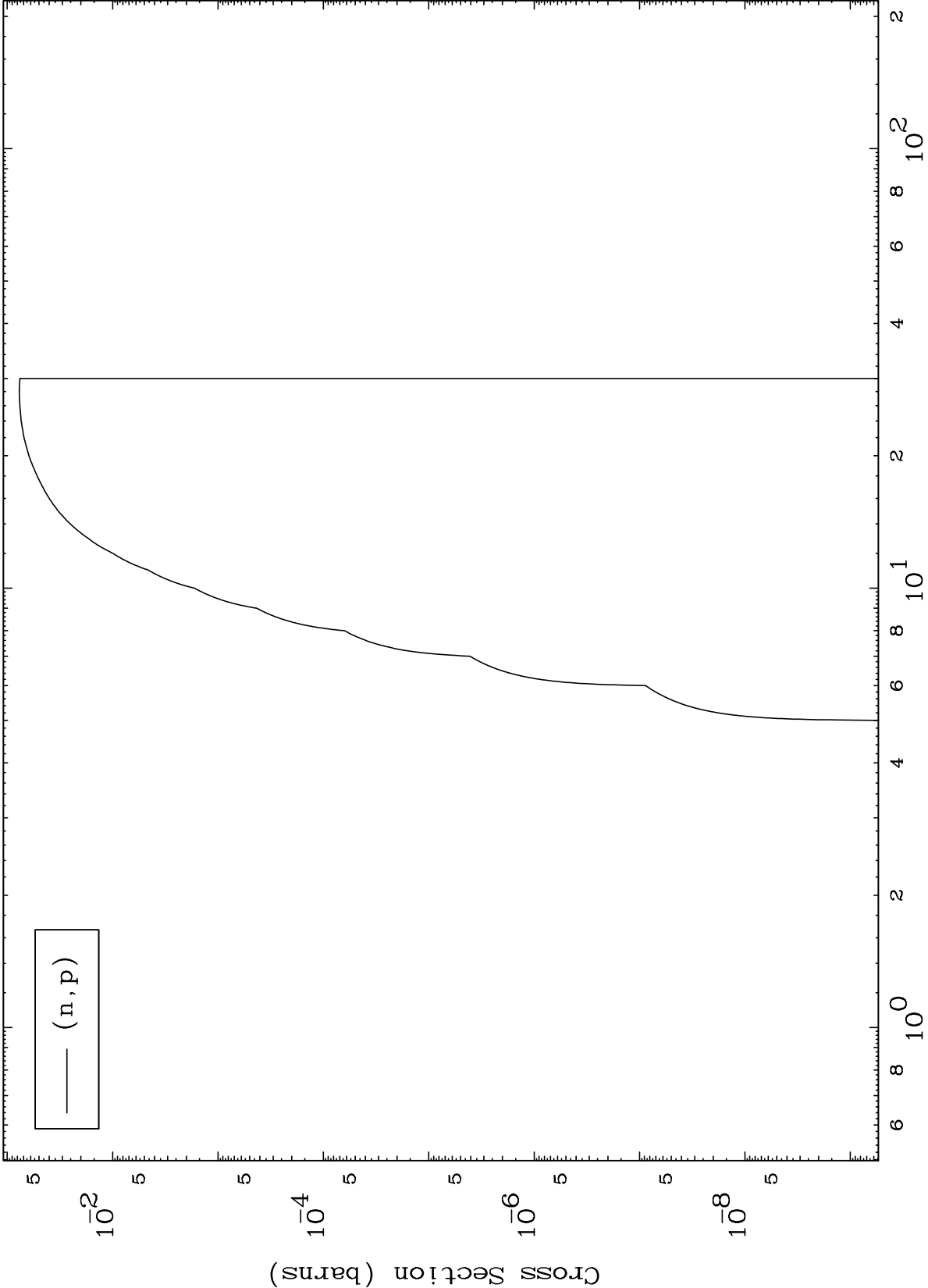


MAT 7549

(p,p) Levels

75-Re-193

0 Kelvin Cross Sections



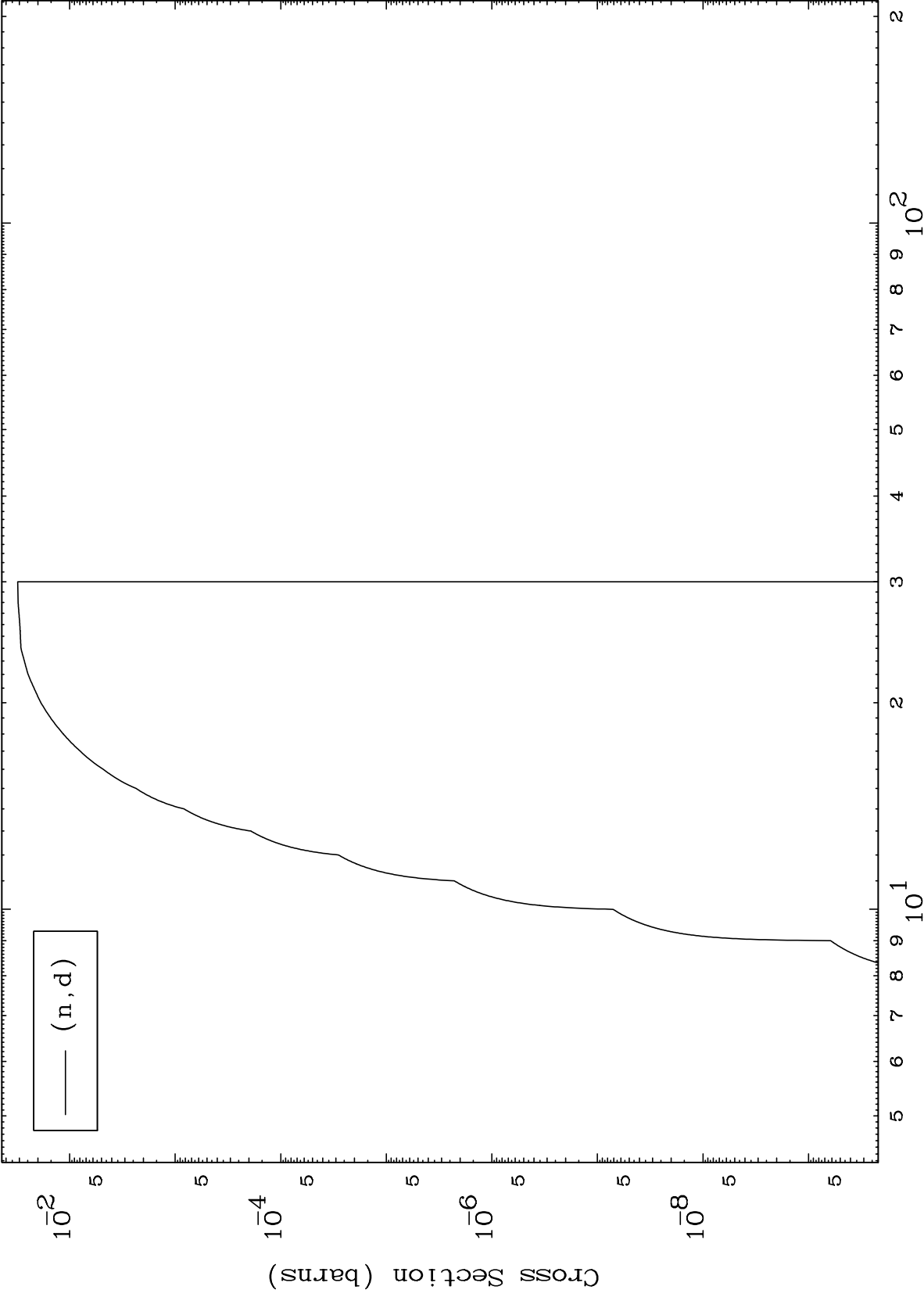
Incident Energy (MeV)

75-Re-193

MAT 7549

75-Re-193

(p,d) Levels
0 Kelvin Cross Sections



Incident Energy (MeV)

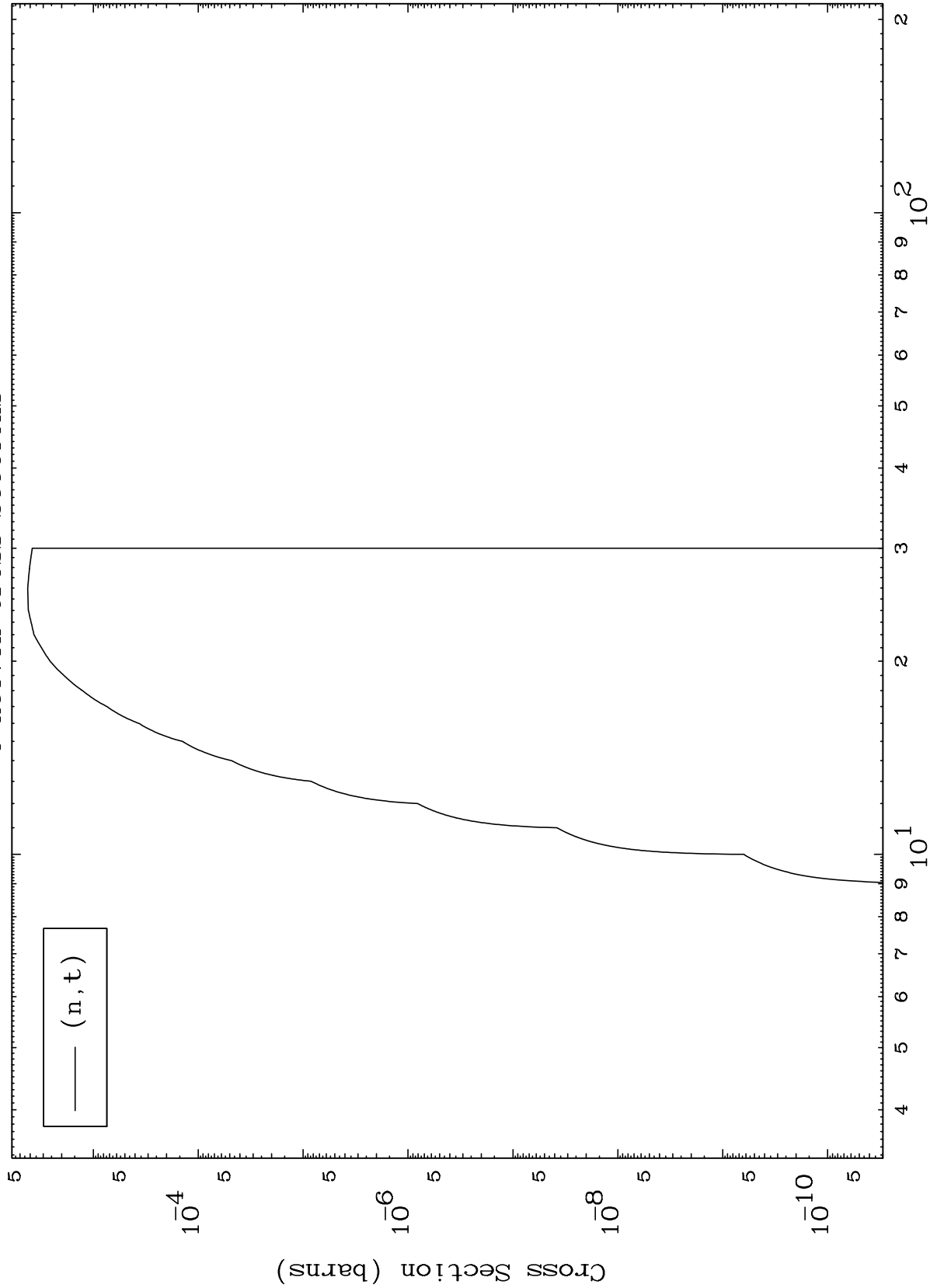
75-Re-193

7

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75-Re-193

(p,t) Levels
0 Kelvin Cross Sections



8

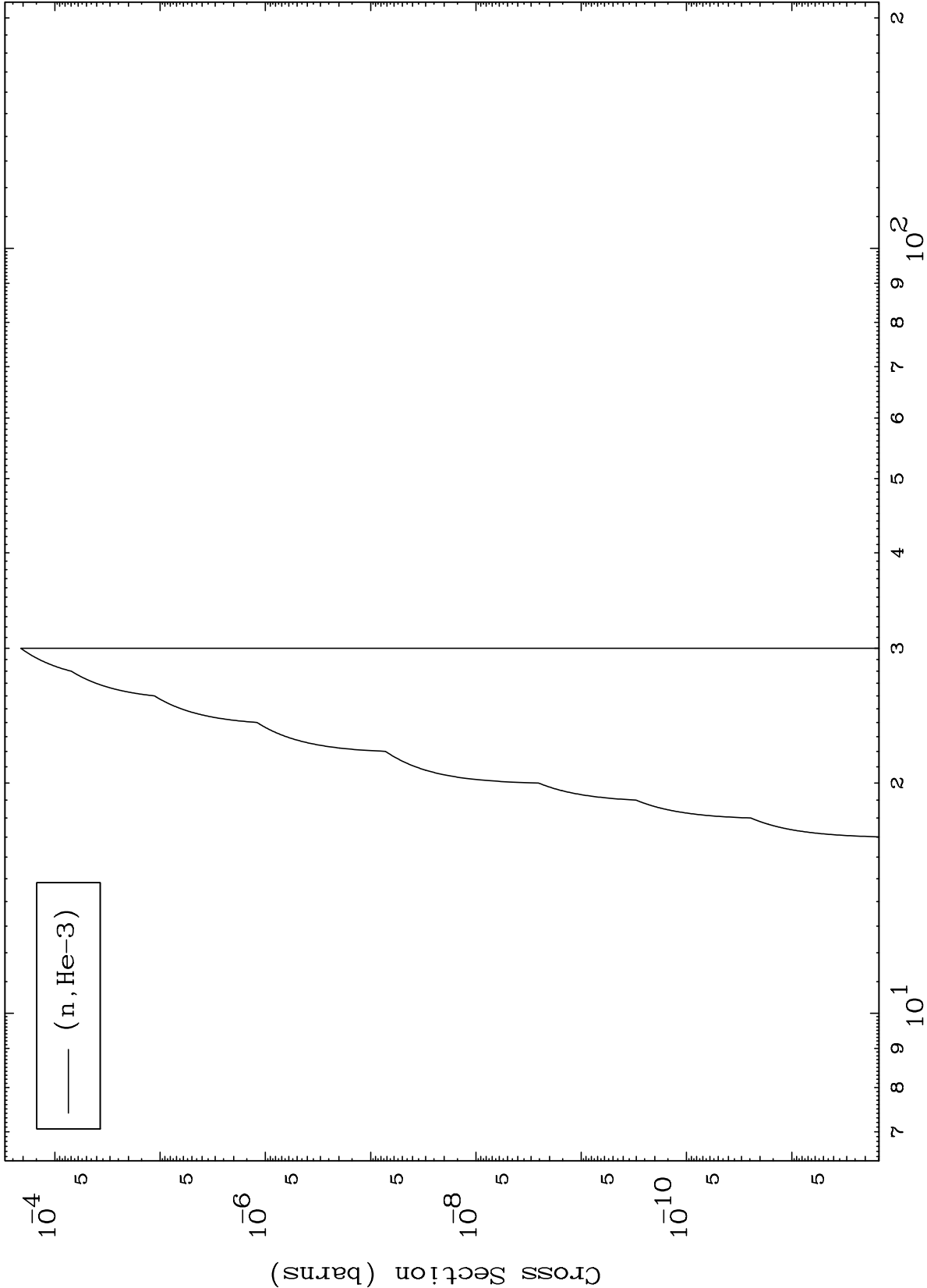
75-Re-193

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(p,He3) Levels

75-Re-193

0 Kelvin Cross Sections



9

Incident Energy (MeV)

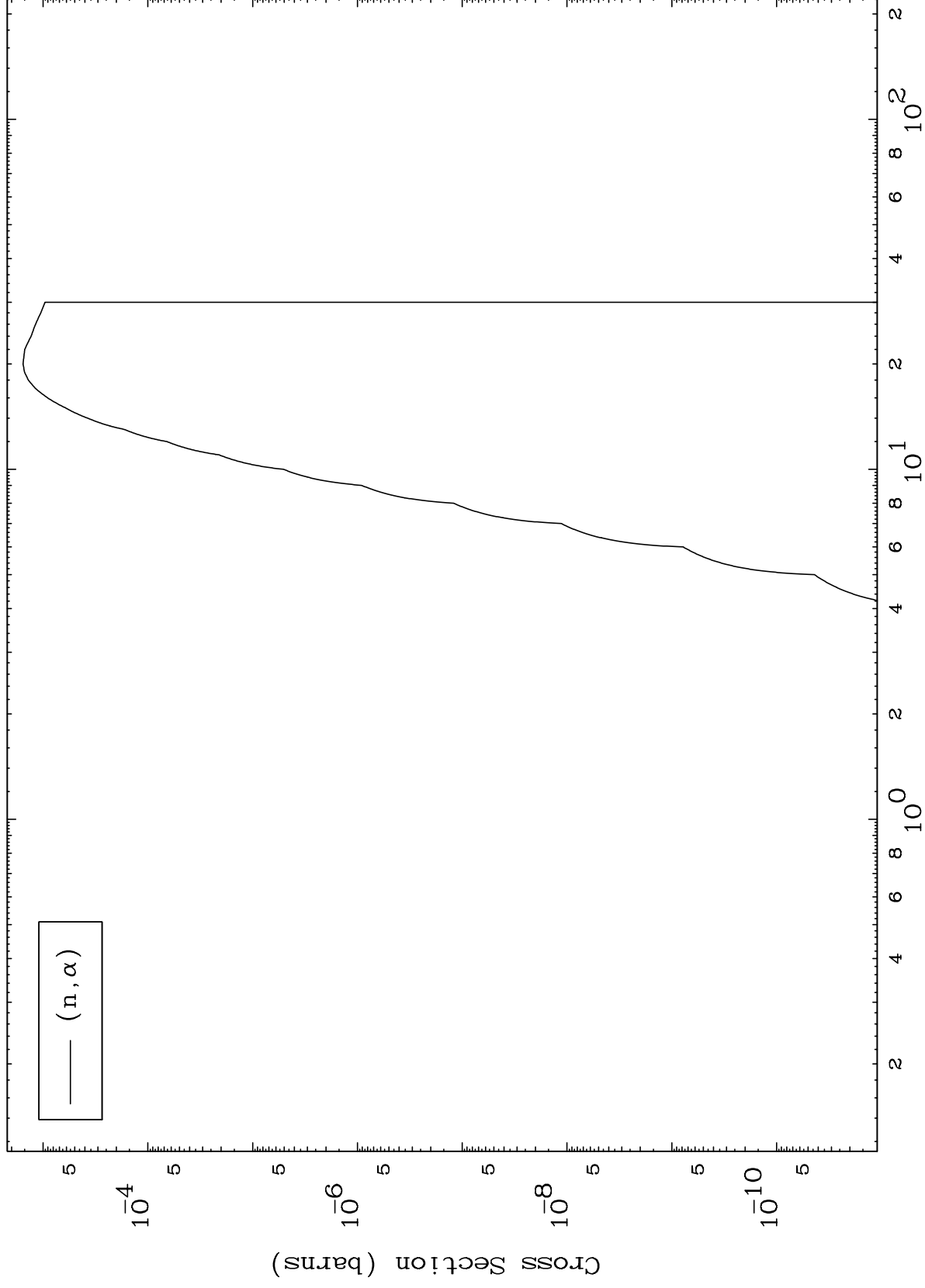
75-Re-193

MAT 7549

(p, α) Levels

75-Re-193

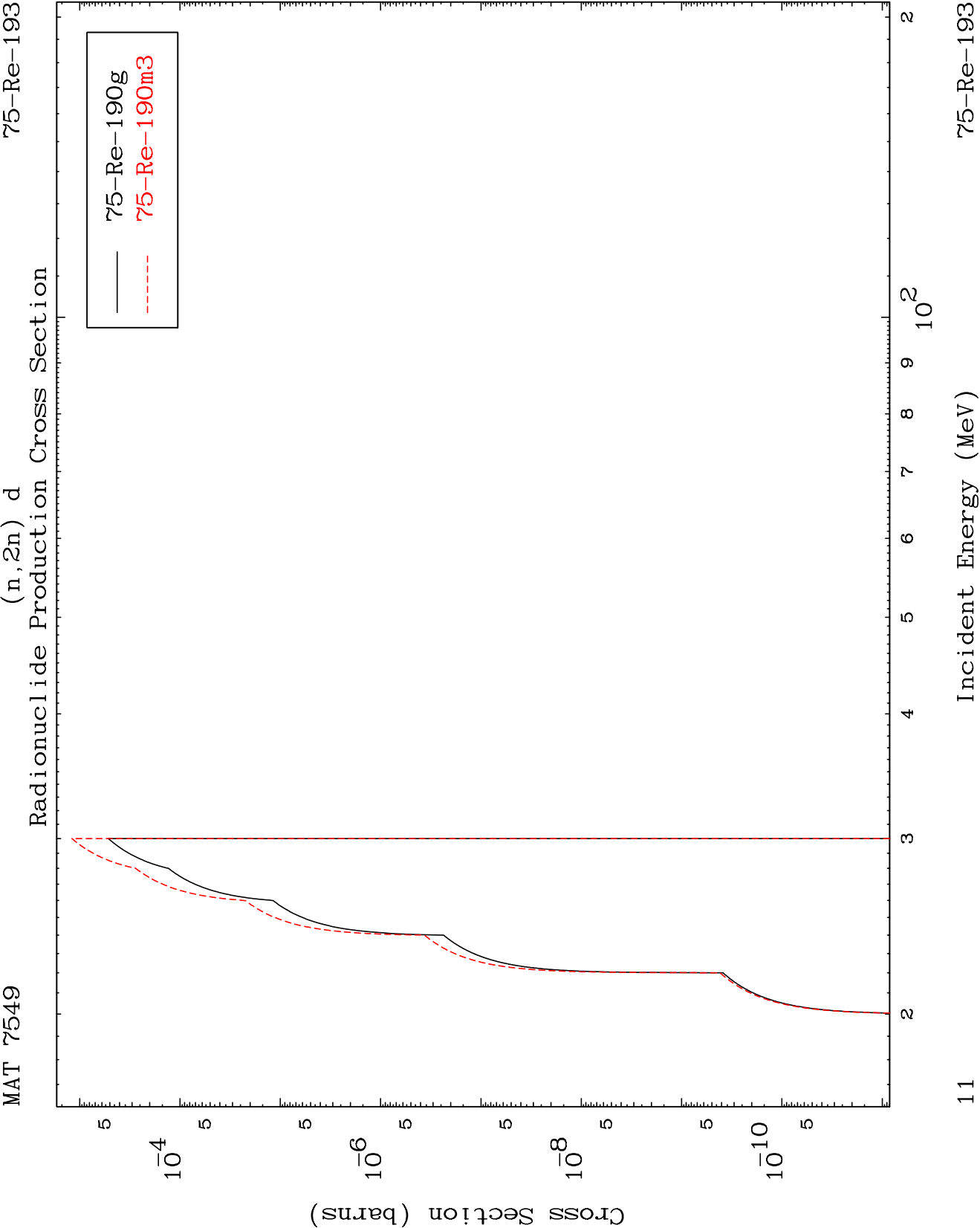
0 Kelvin Cross Sections



10

Incident Energy (MeV)

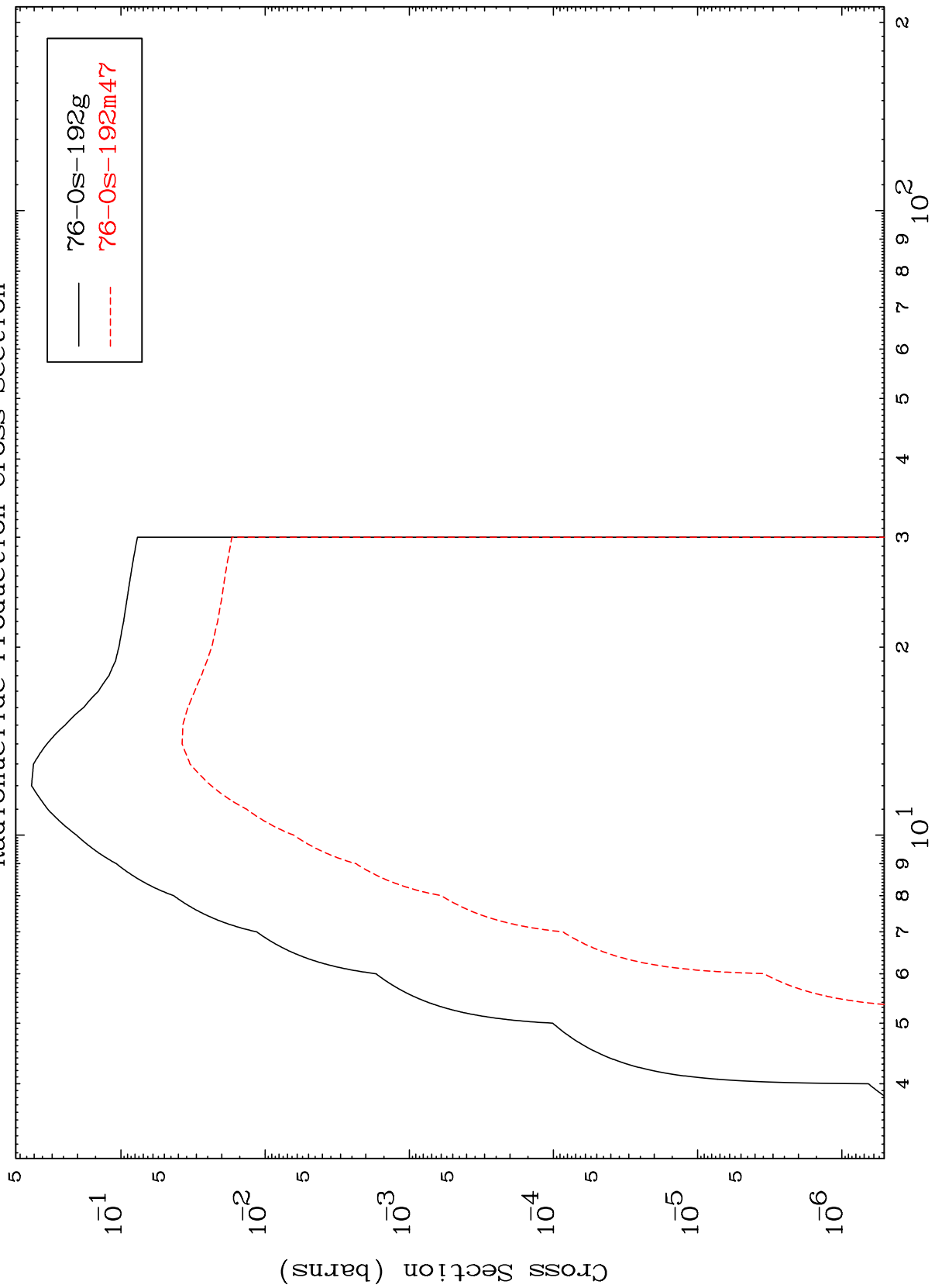
75-Re-193



MAT 7549

75-Re-193

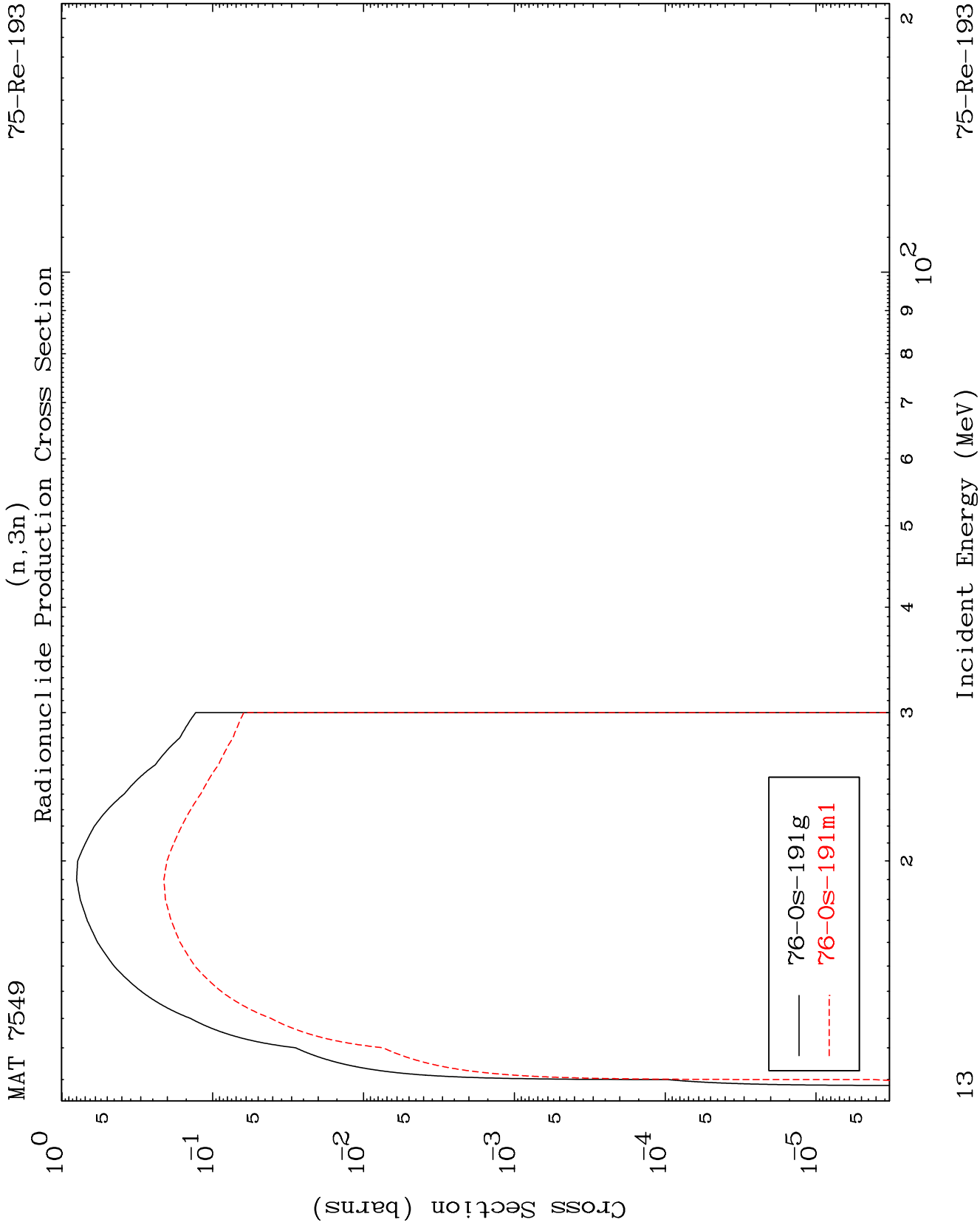
(n,2n)
Radionuclide Production Cross Section



75-Re-193

Incident Energy (MeV)

12

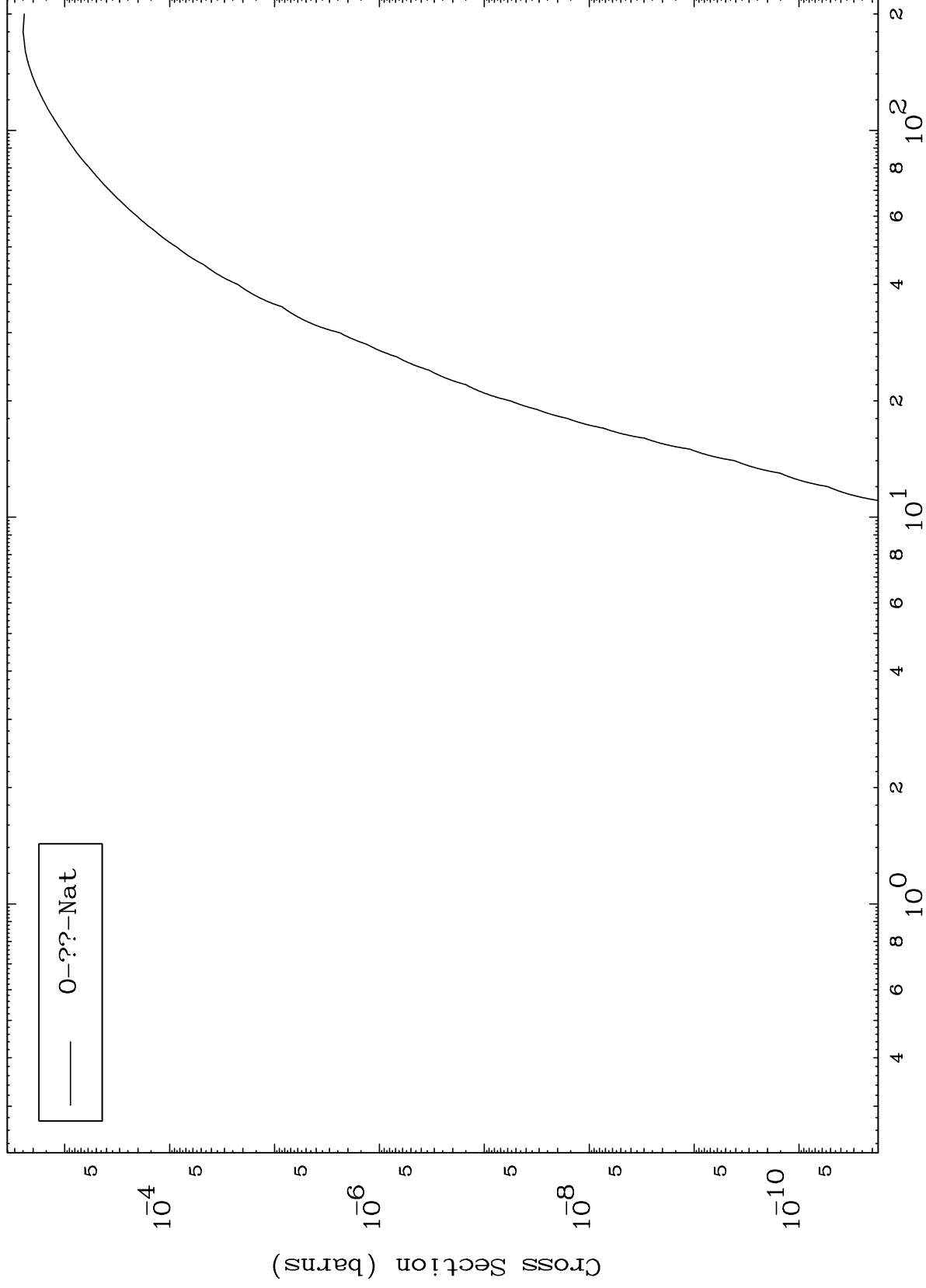


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Fission

⁷⁵Re-193

Radionuclide Production Cross Section



14

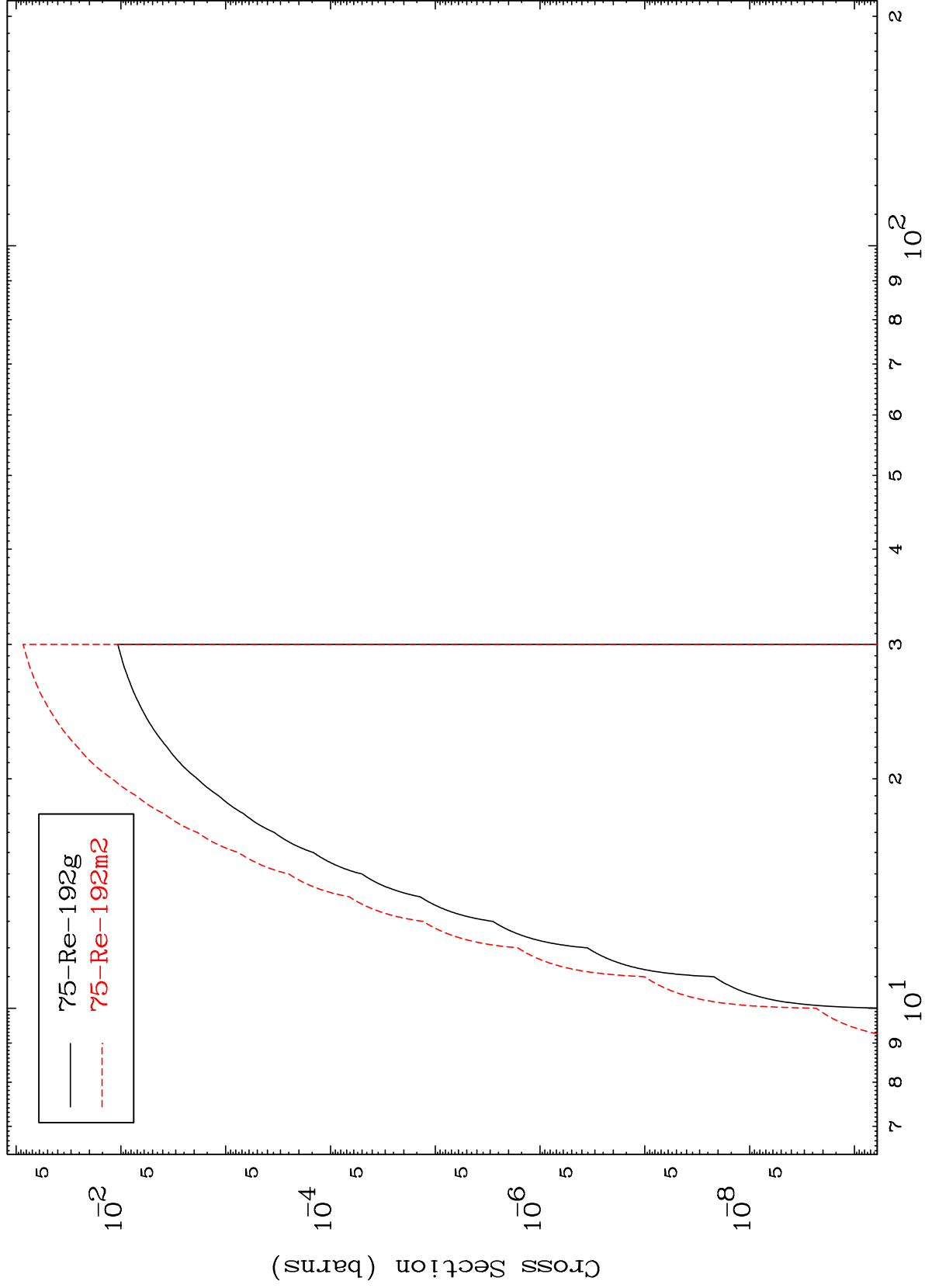
Incident Energy (MeV)

⁷⁵Re-193

MAT 7549

75-Re-193

(n,n') p
Radionuclide Production Cross Section



15

Incident Energy (MeV)

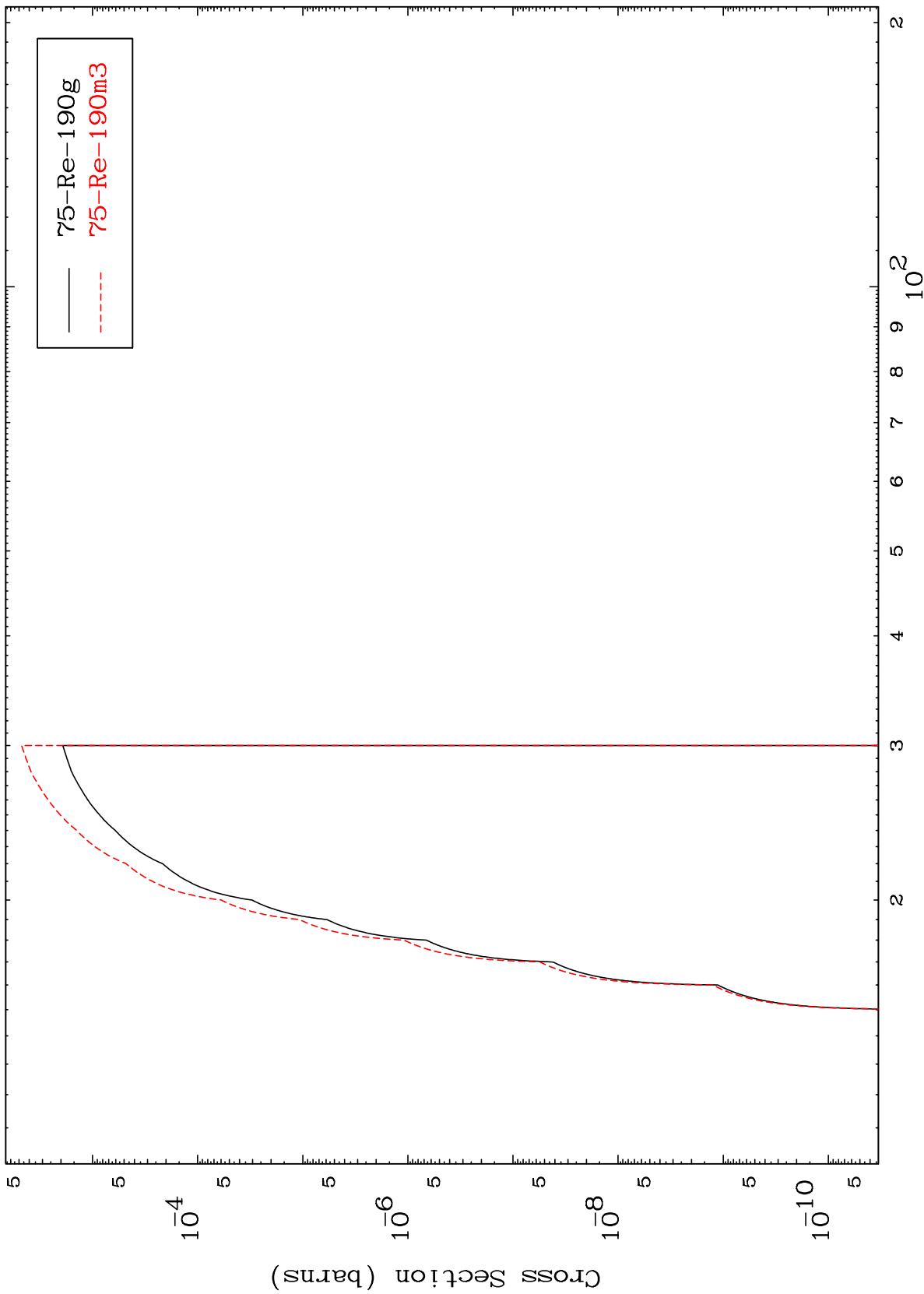
75-Re-193

MAT 7549

(n,n') t

75-Re-193

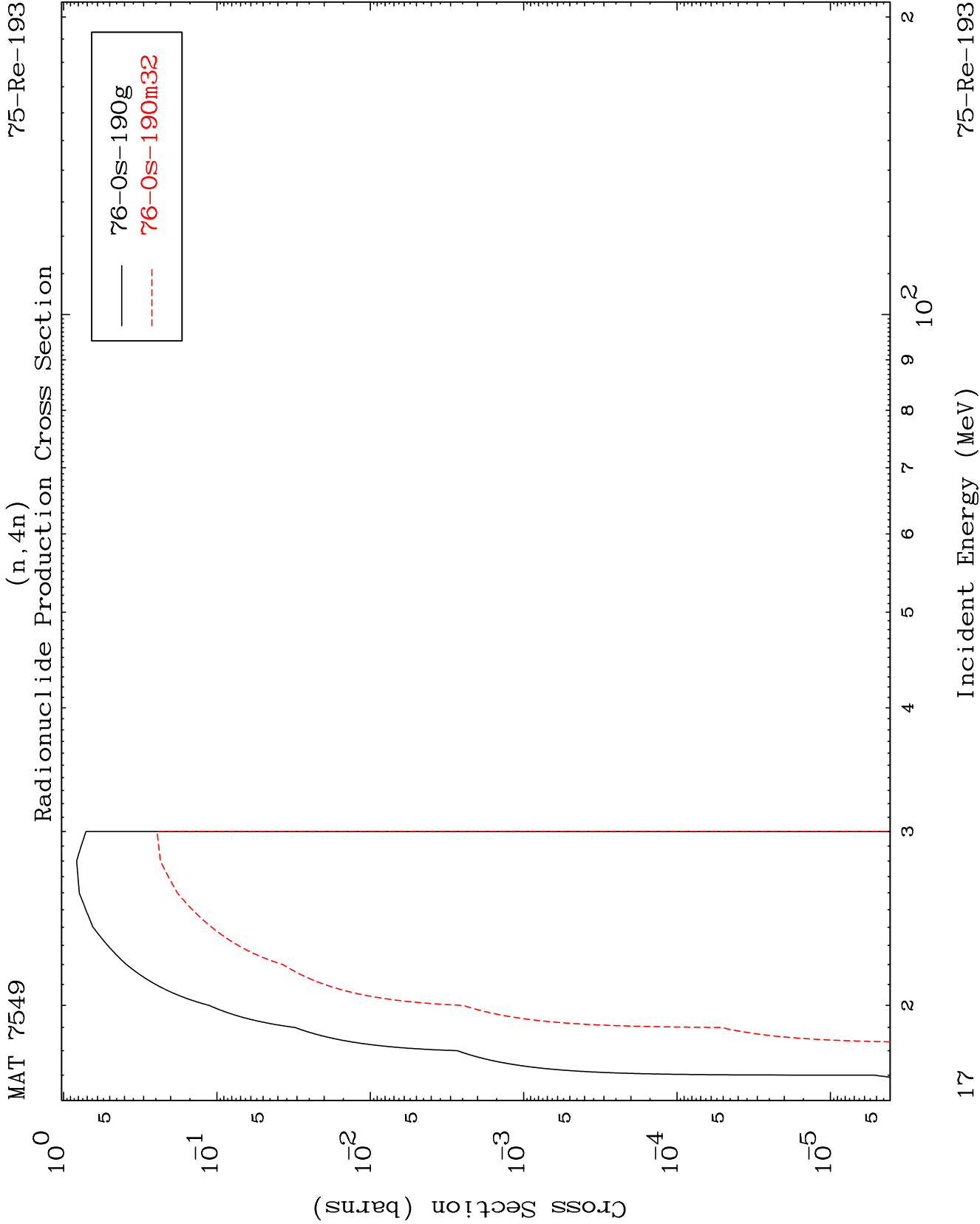
Radionuclide Production Cross Section



16

Incident Energy (MeV)

75-Re-193

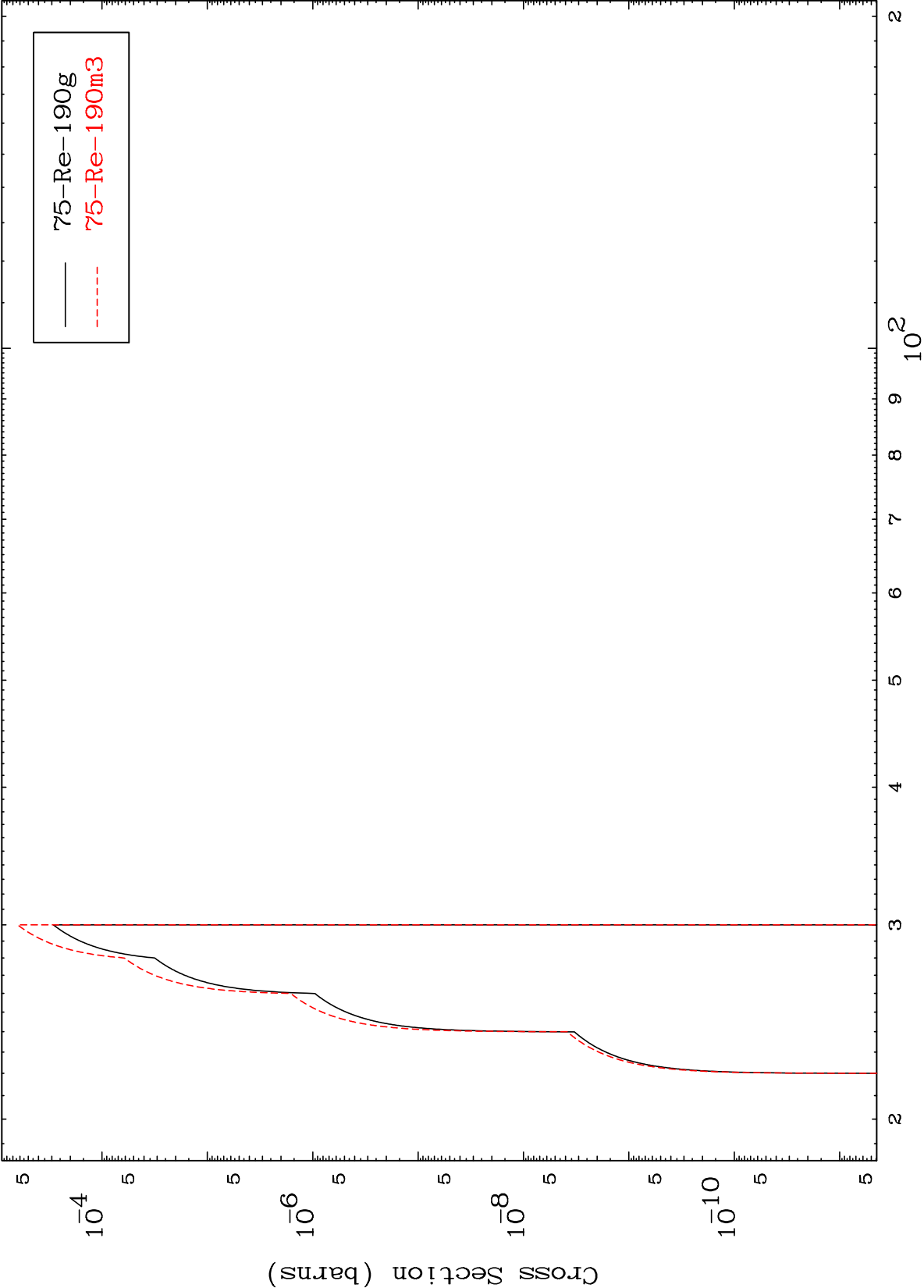


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(n,3n) p

⁷⁵Re-193

Radionuclide Production Cross Section



18

Incident Energy (MeV)

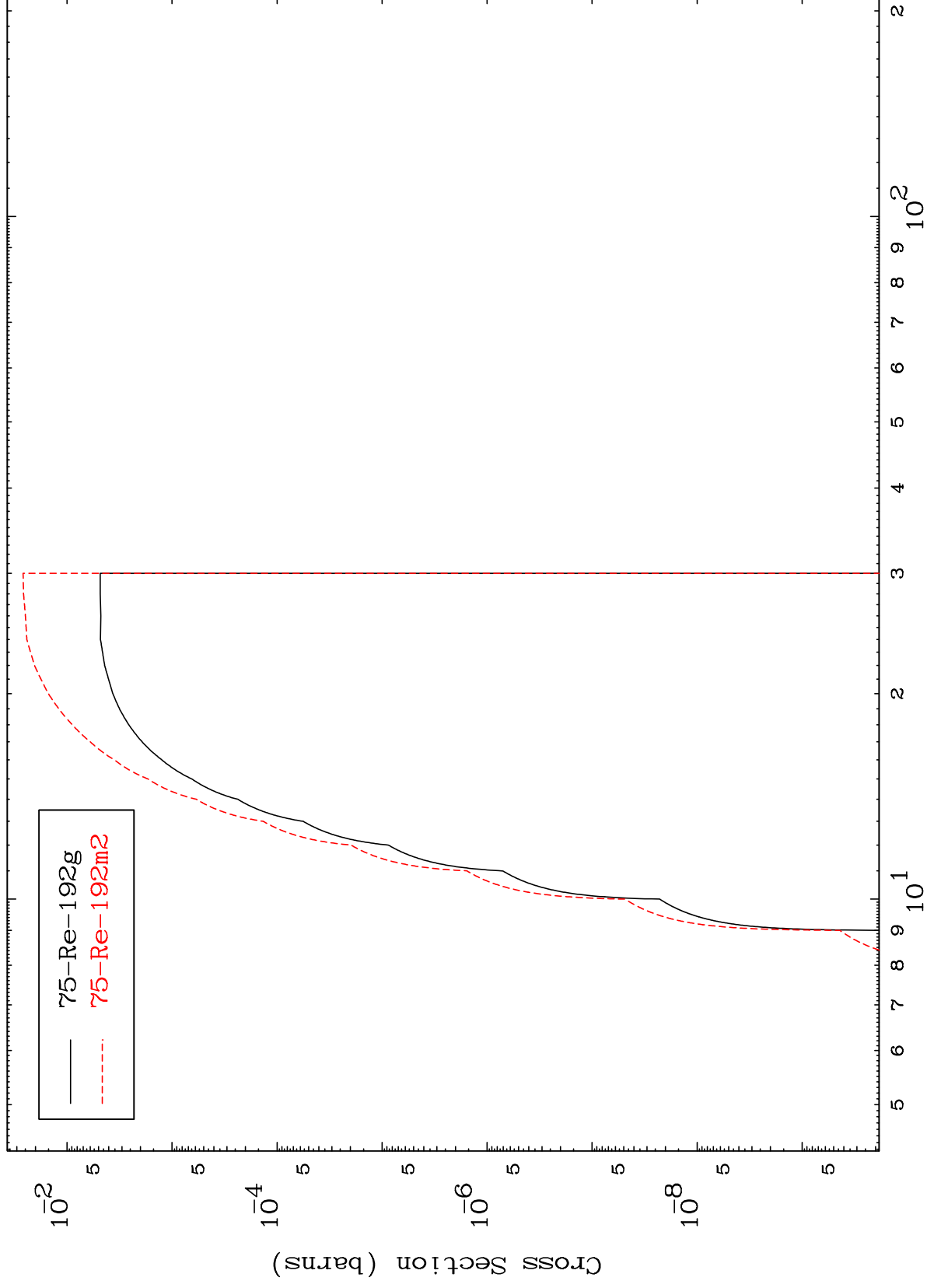
⁷⁵Re-193

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(n,d)

⁷⁵Re-¹⁹³

Radionuclide Production Cross Section



19

Incident Energy (MeV)

⁷⁵Re-¹⁹³