

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

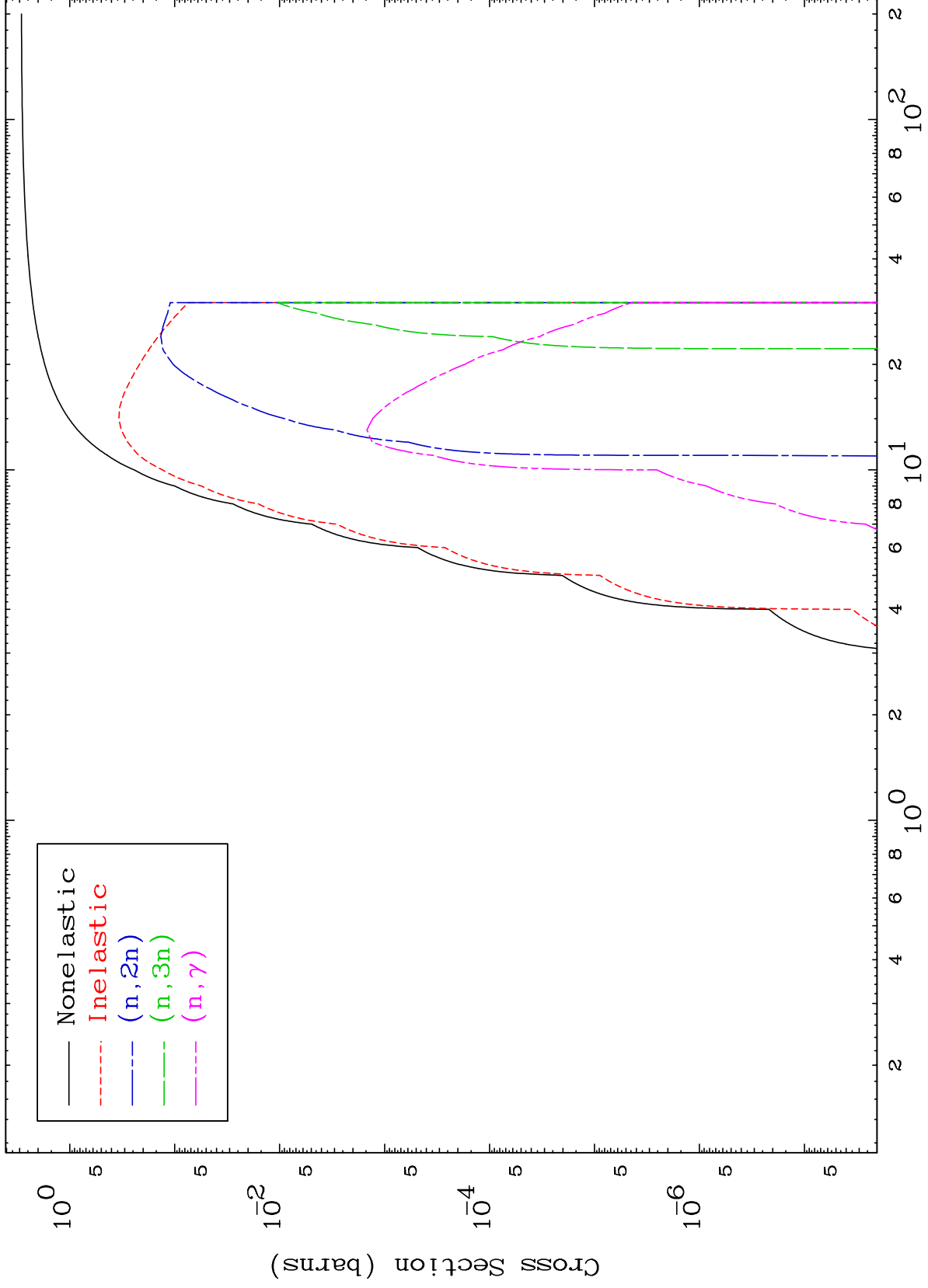
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

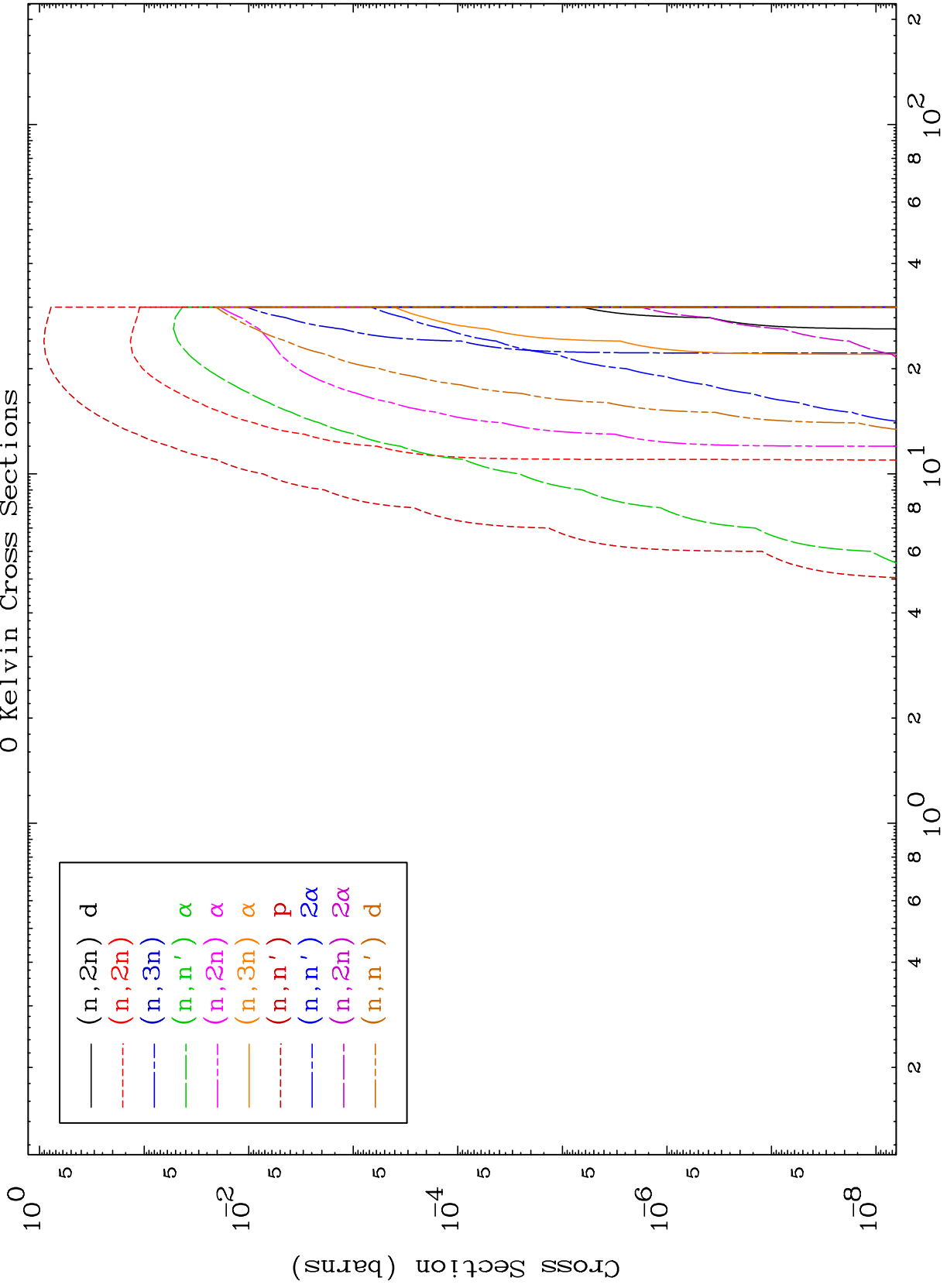
Press Mouse Button to Start



MAT 7786

Deuteron Neutron Absorption
0 Kelvin Cross Sections

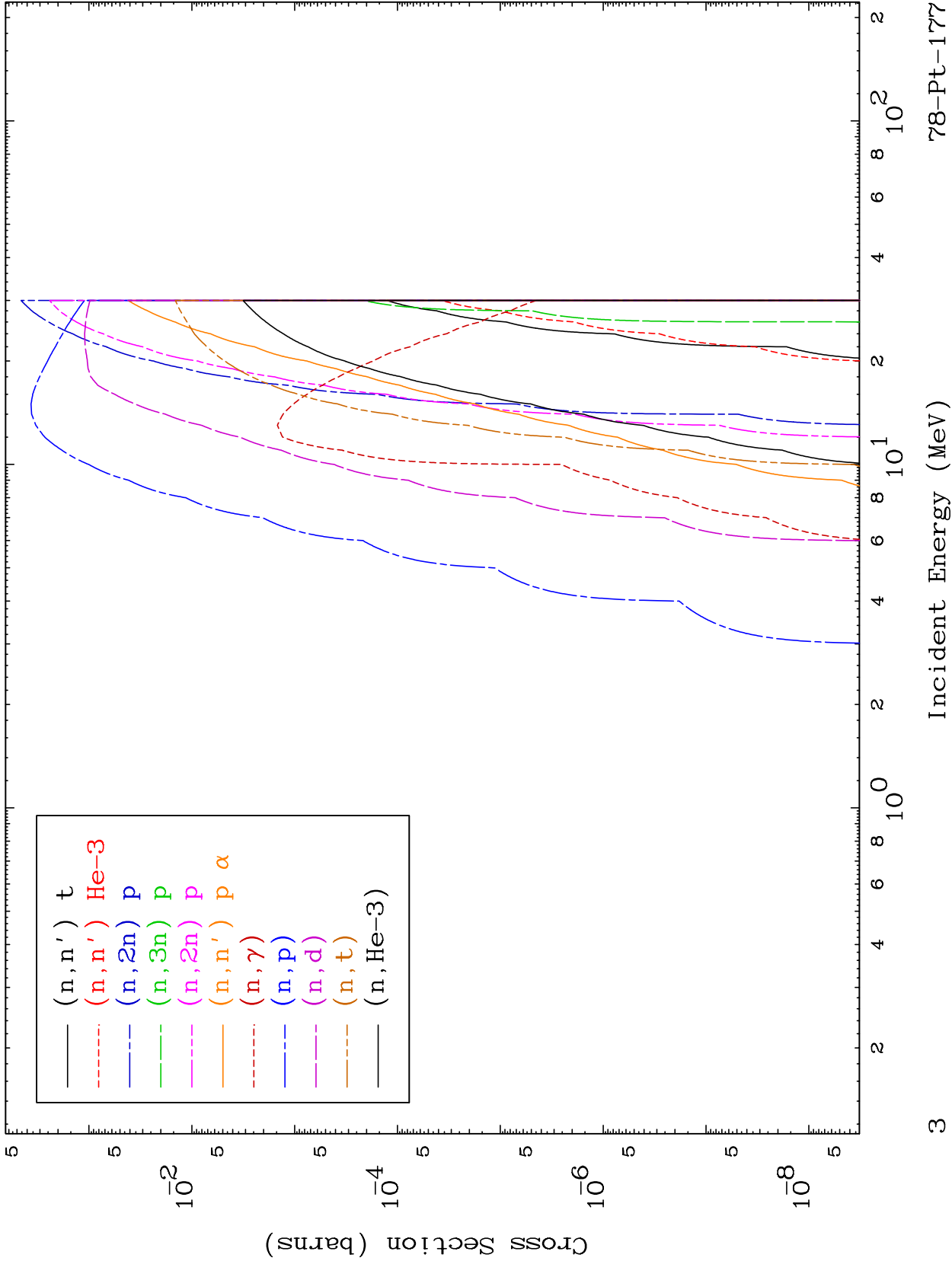
78-Pt-177

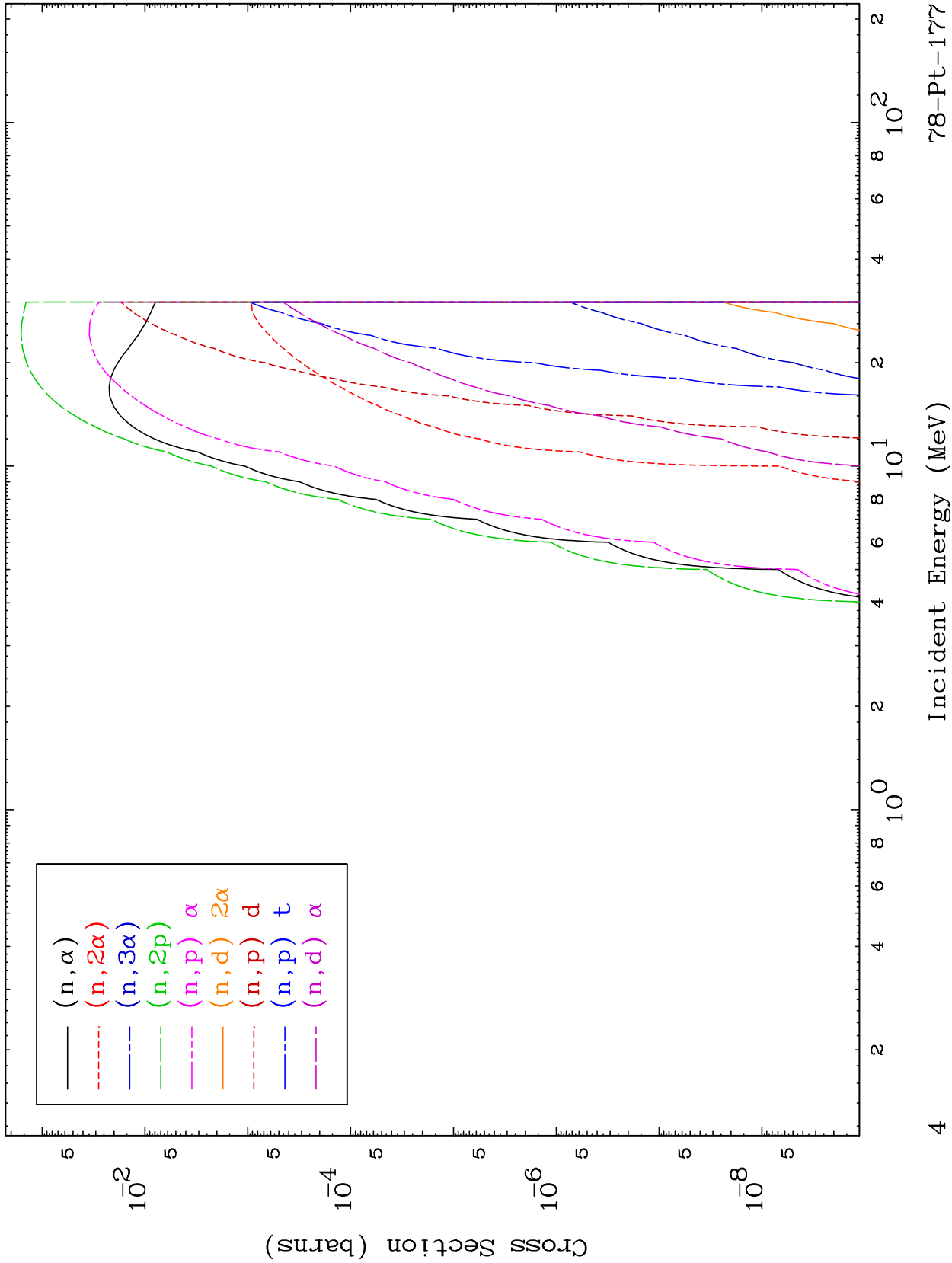


78-Pt-177

Incident Energy (MeV)

2

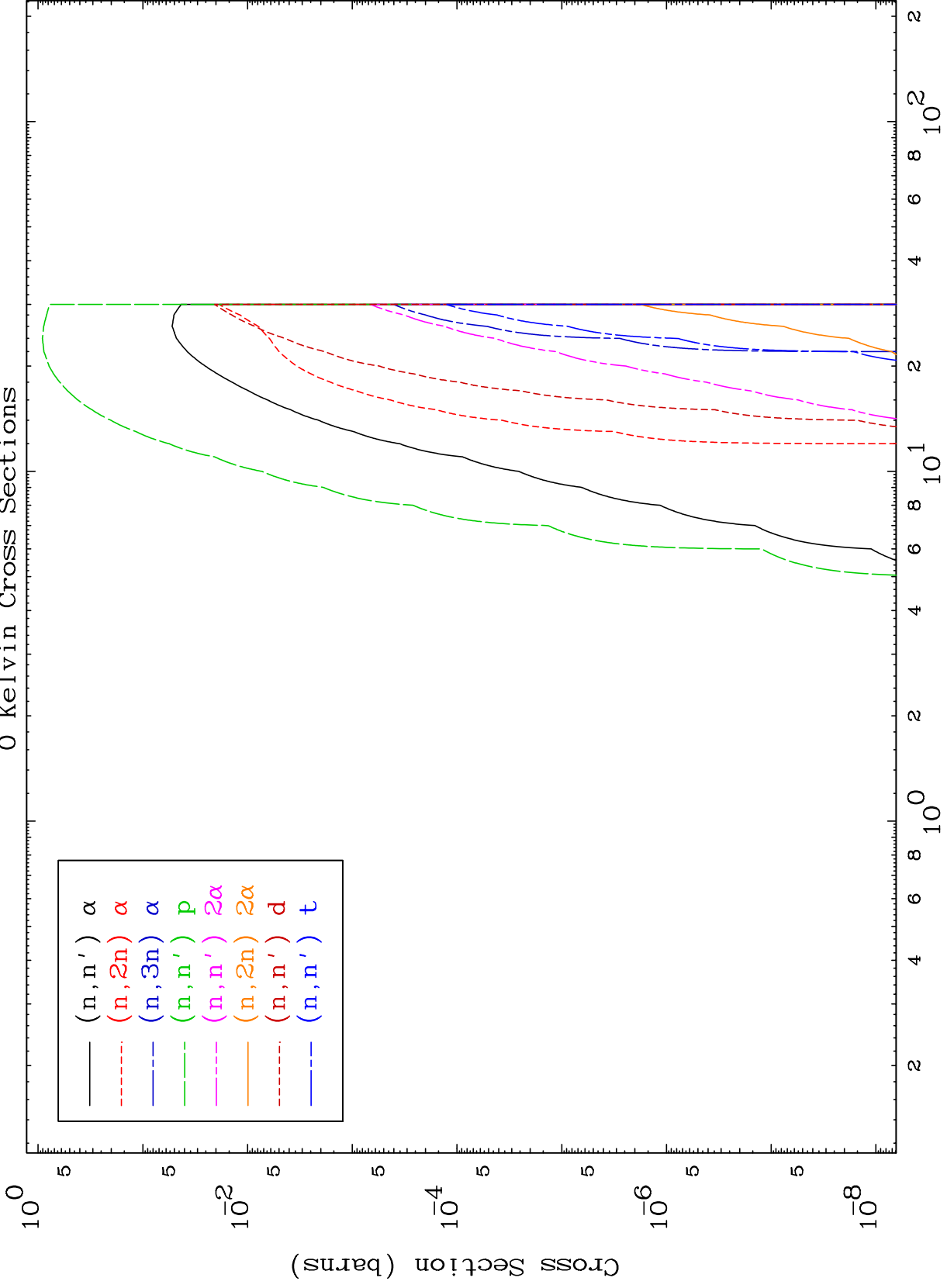


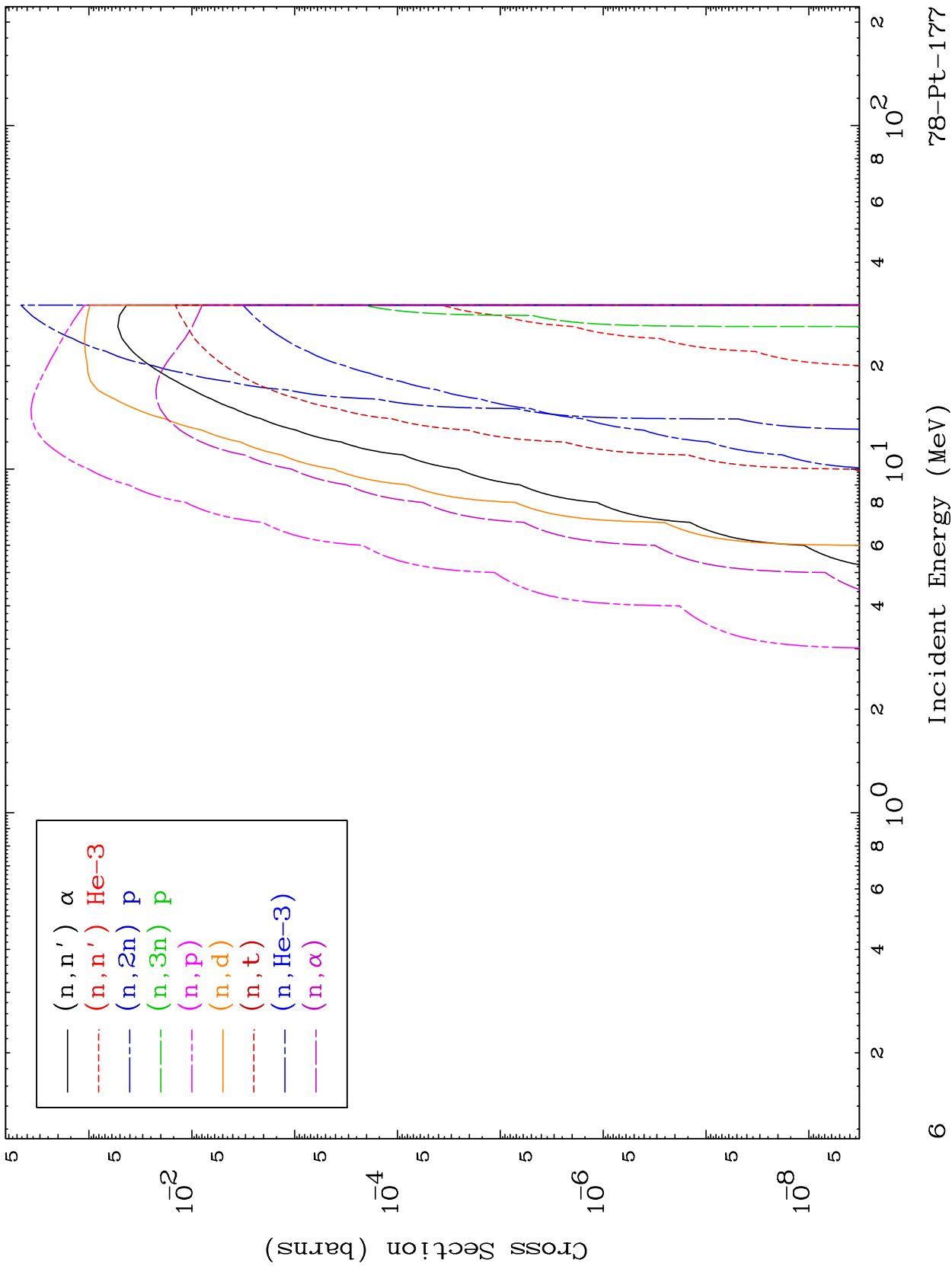


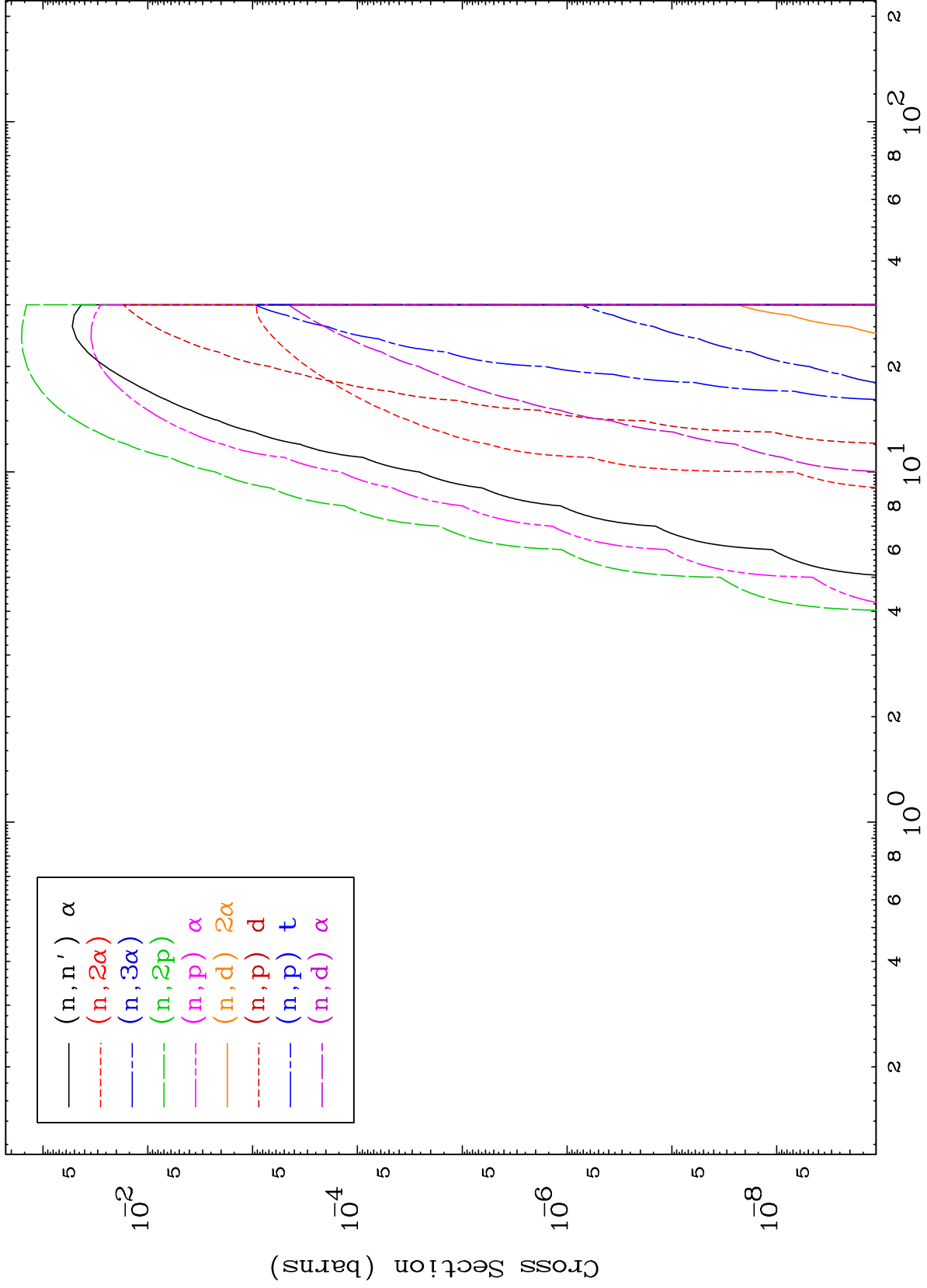
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Deuteron Charged Particle
0 Kelvin Cross Sections

78-Pt-177





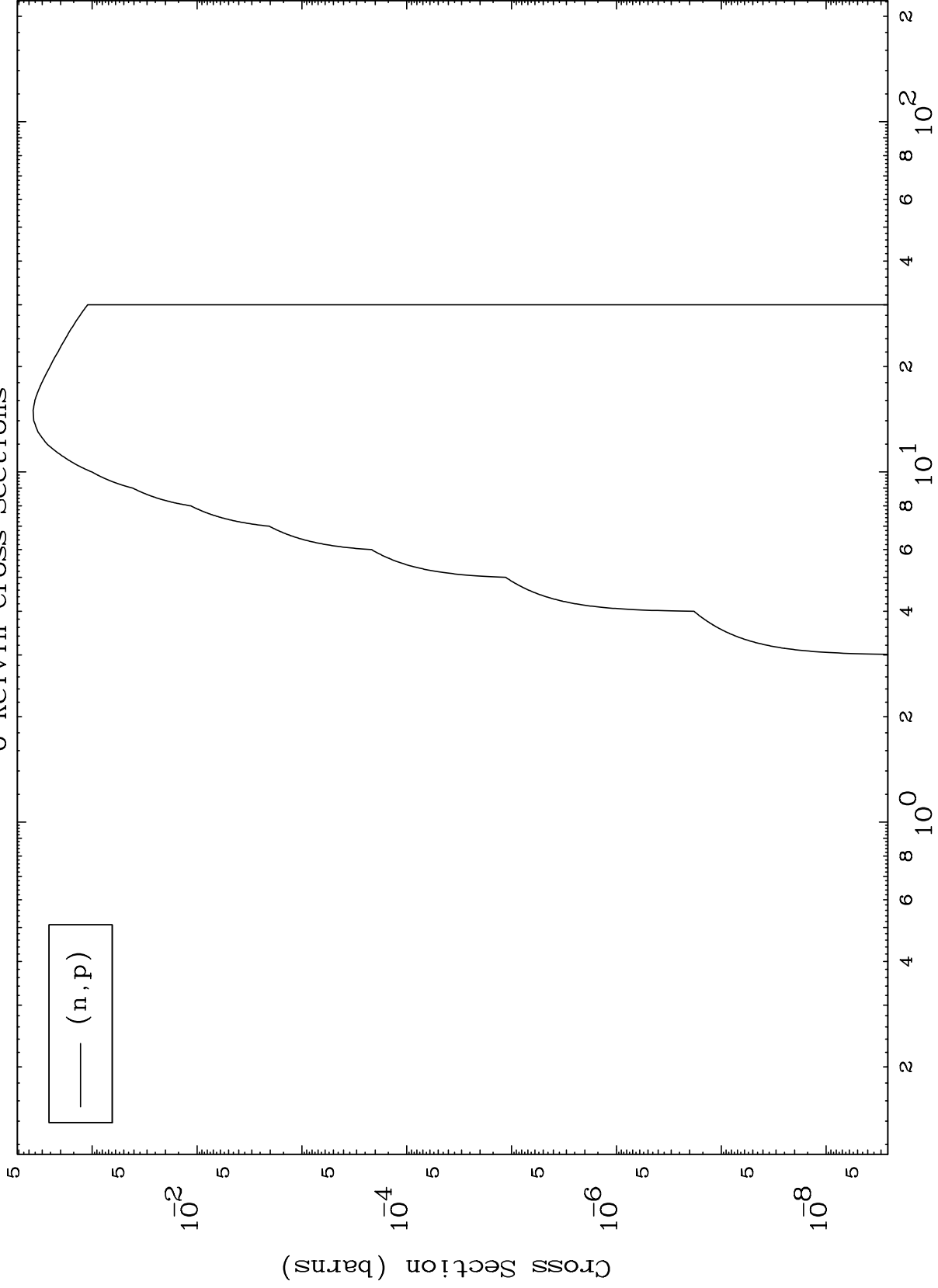


MAT 7786

(d,p) Levels

78-Pt-177

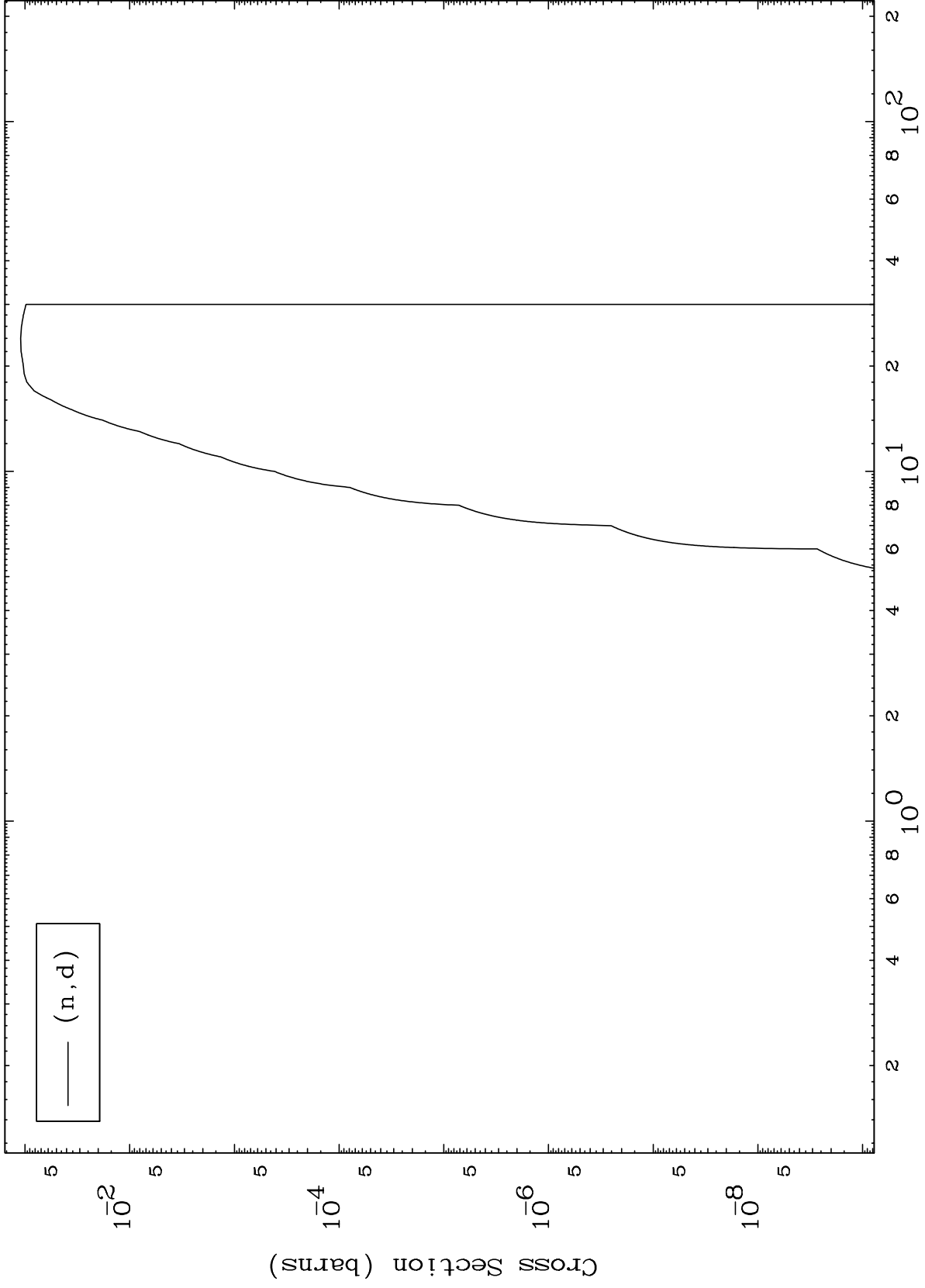
0 Kelvin Cross Sections



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(d,d) Levels
0 Kelvin Cross Sections

78-Pt-177

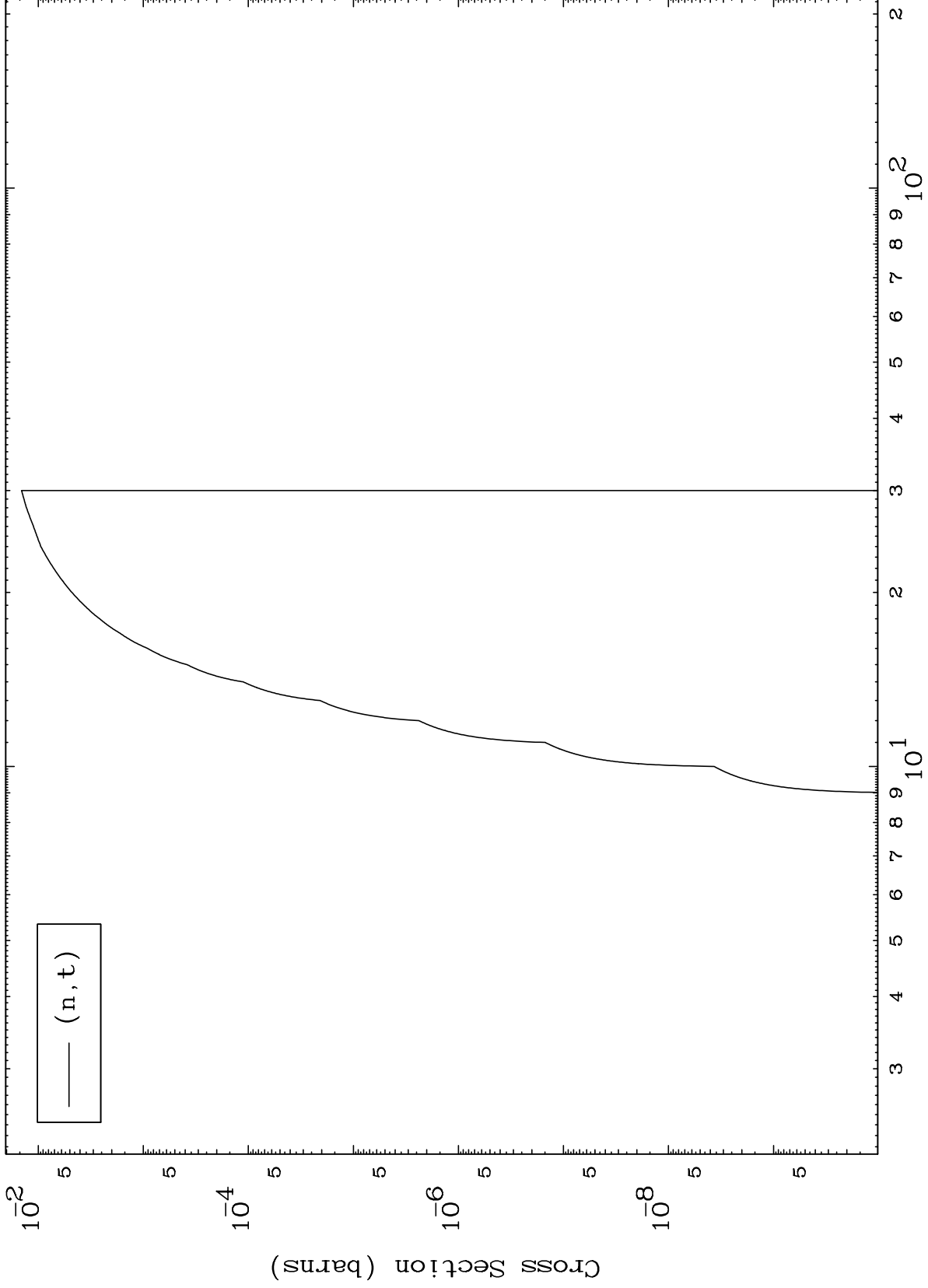


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(d, t) Levels

78-Pt-177

0 Kelvin Cross Sections



10

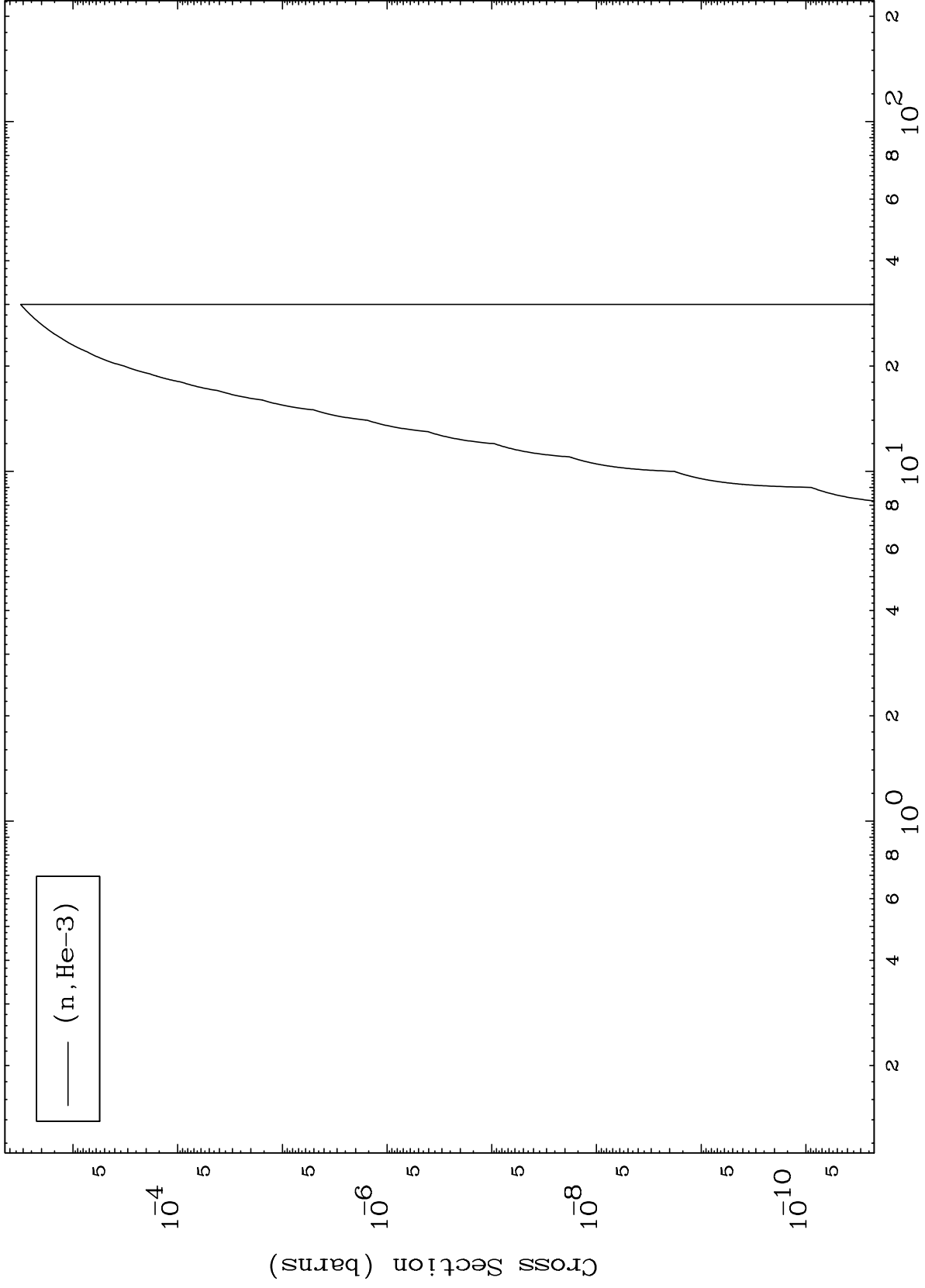
Incident Energy (MeV)

78-Pt-177

MAT 7786

(d,He3) Levels
0 Kelvin Cross Sections

78-Pt-177

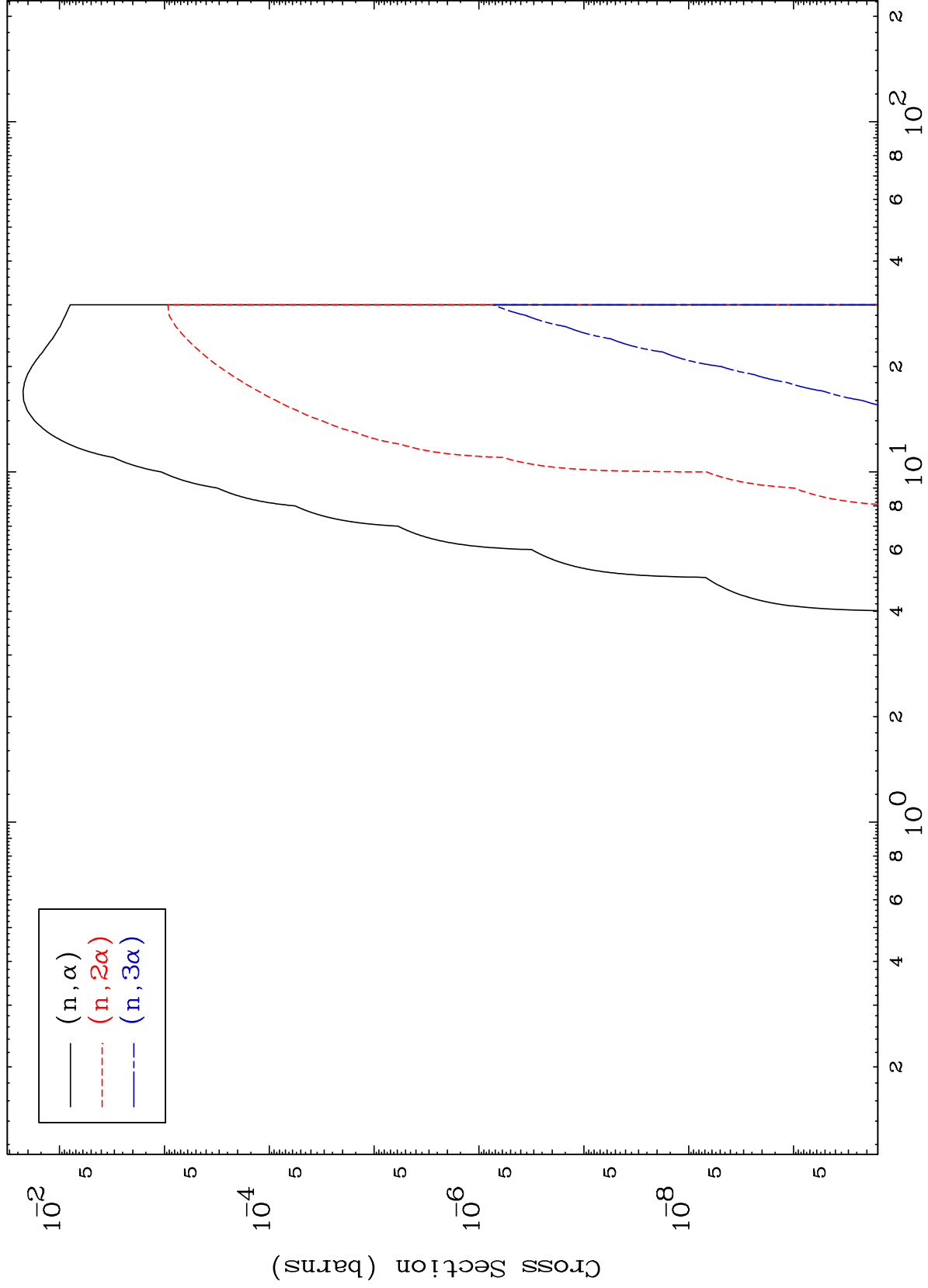


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(d, α) Levels

78-Pt-177

0 Kelvin Cross Sections



12

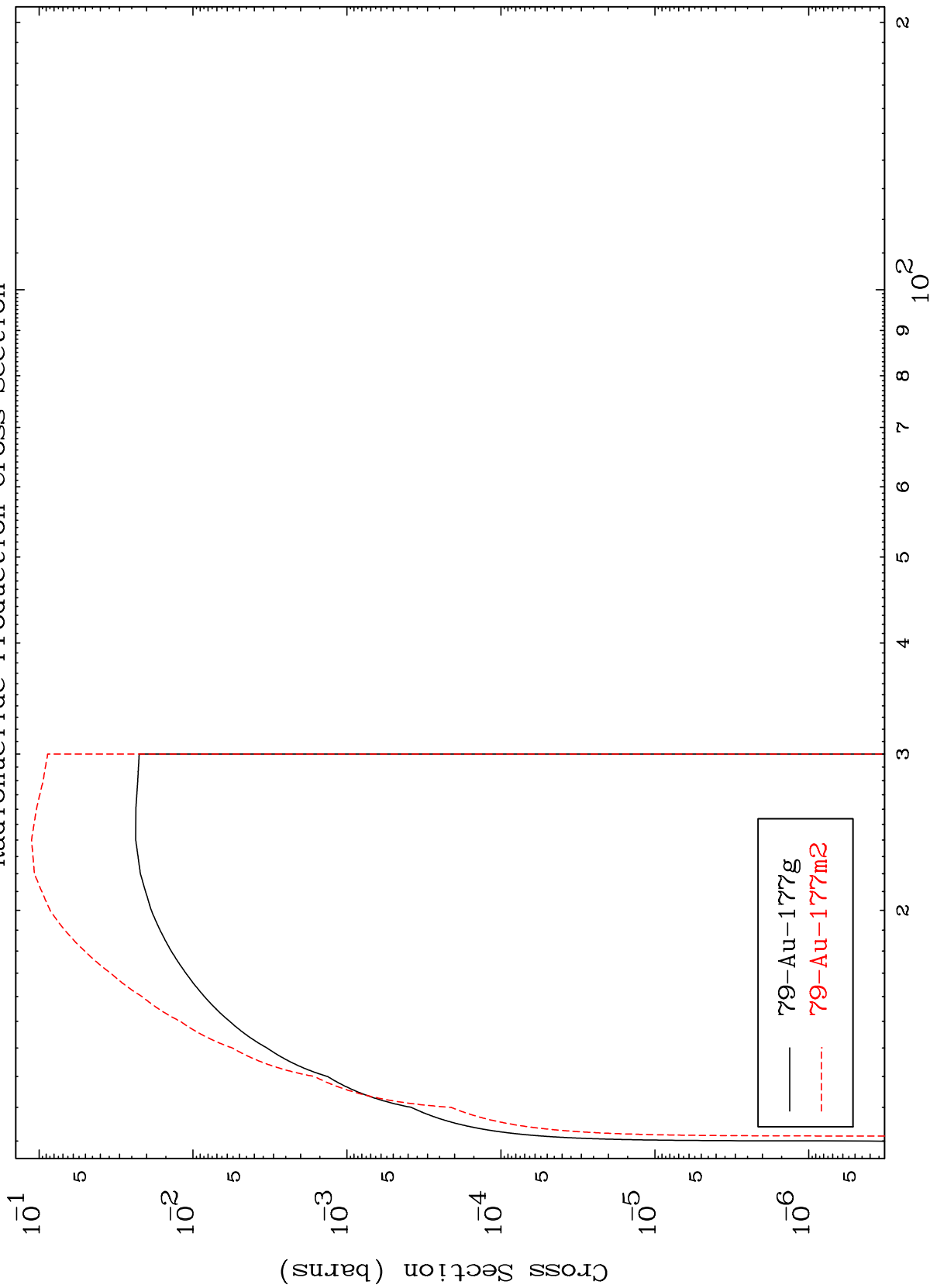
Incident Energy (MeV)

78-Pt-177

MAT 7786

78-Pt-177

(n,2n)
Radionuclide Production Cross Section



Incident Energy (MeV)

78-Pt-177

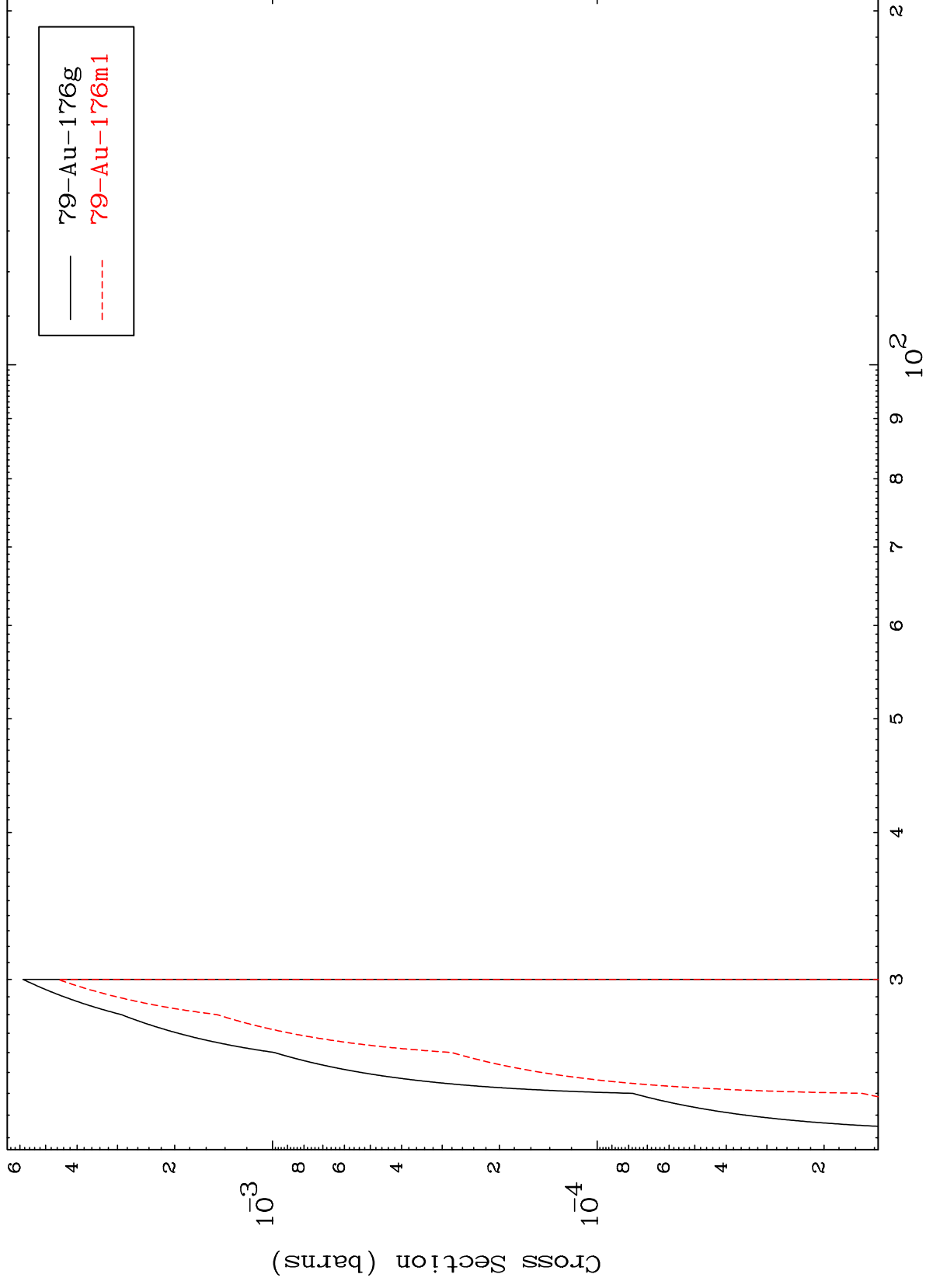
13

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(n,3n)

78-Pt-177

Radionuclide Production Cross Section



14

Incident Energy (MeV)

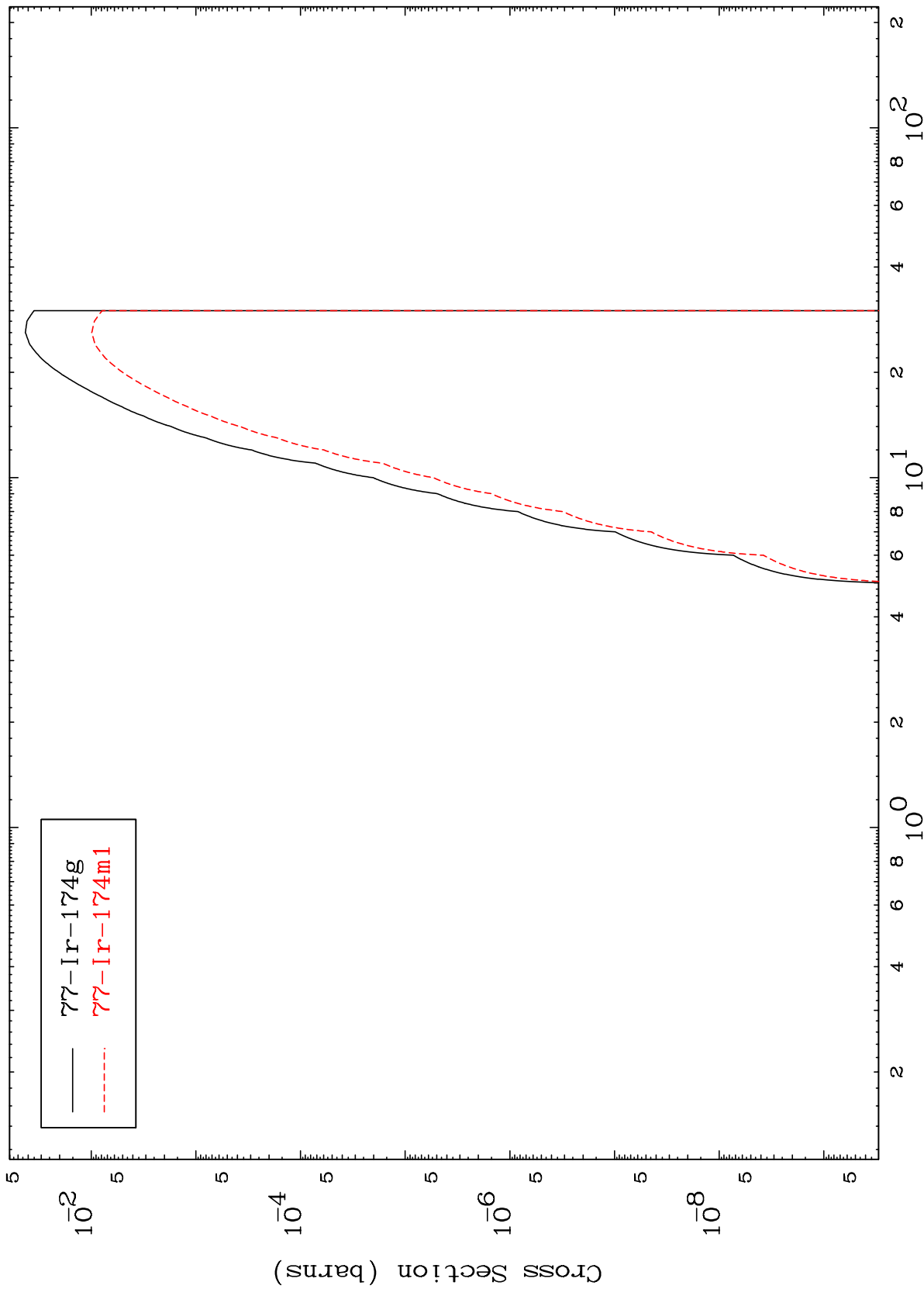
78-Pt-177

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$(n, n') \alpha$

78-Pt-177

Radionuclide Production Cross Section

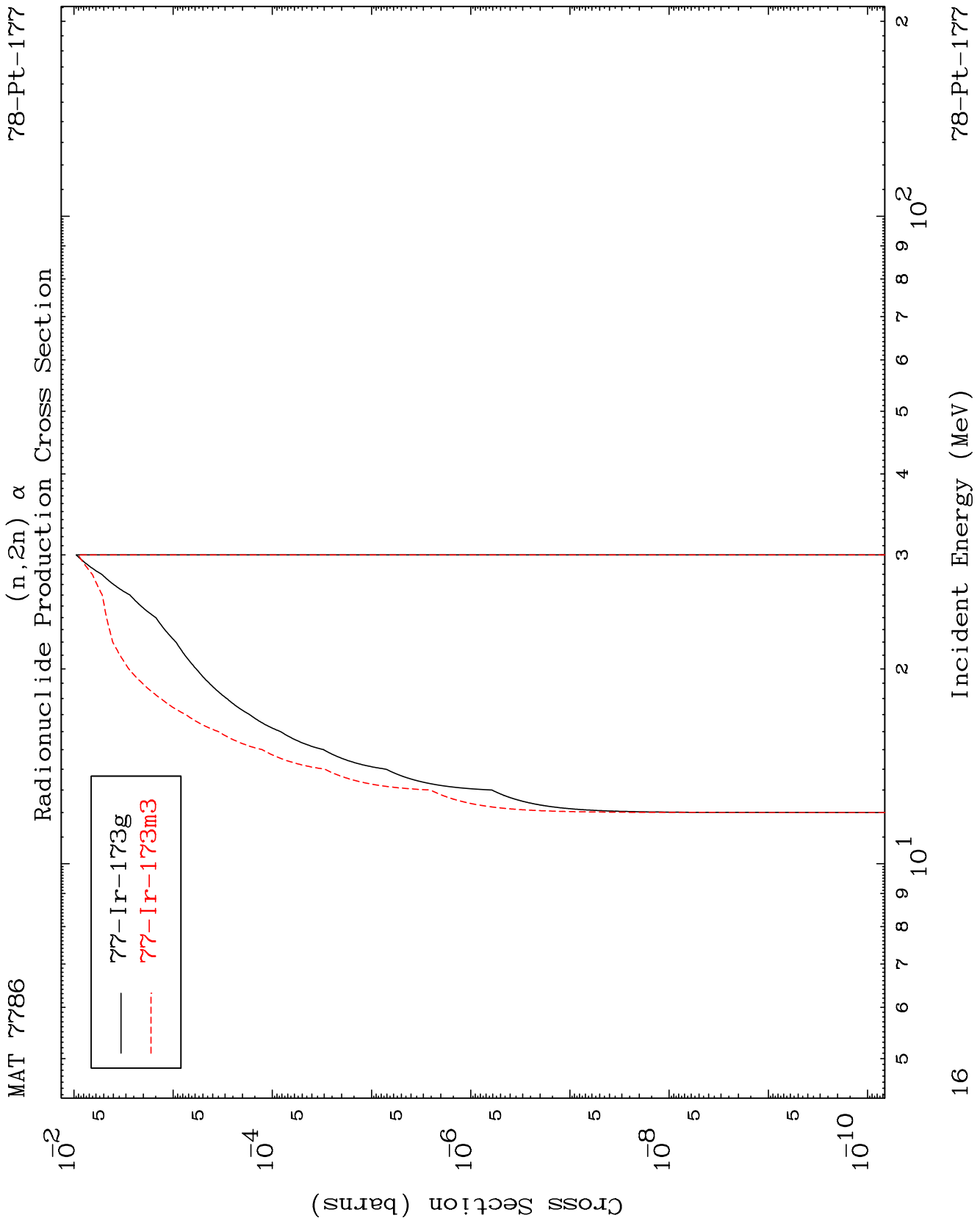


— $^{77}\text{Ir-174g}$
- - - $^{77}\text{Ir-174m1}$

15

Incident Energy (MeV)

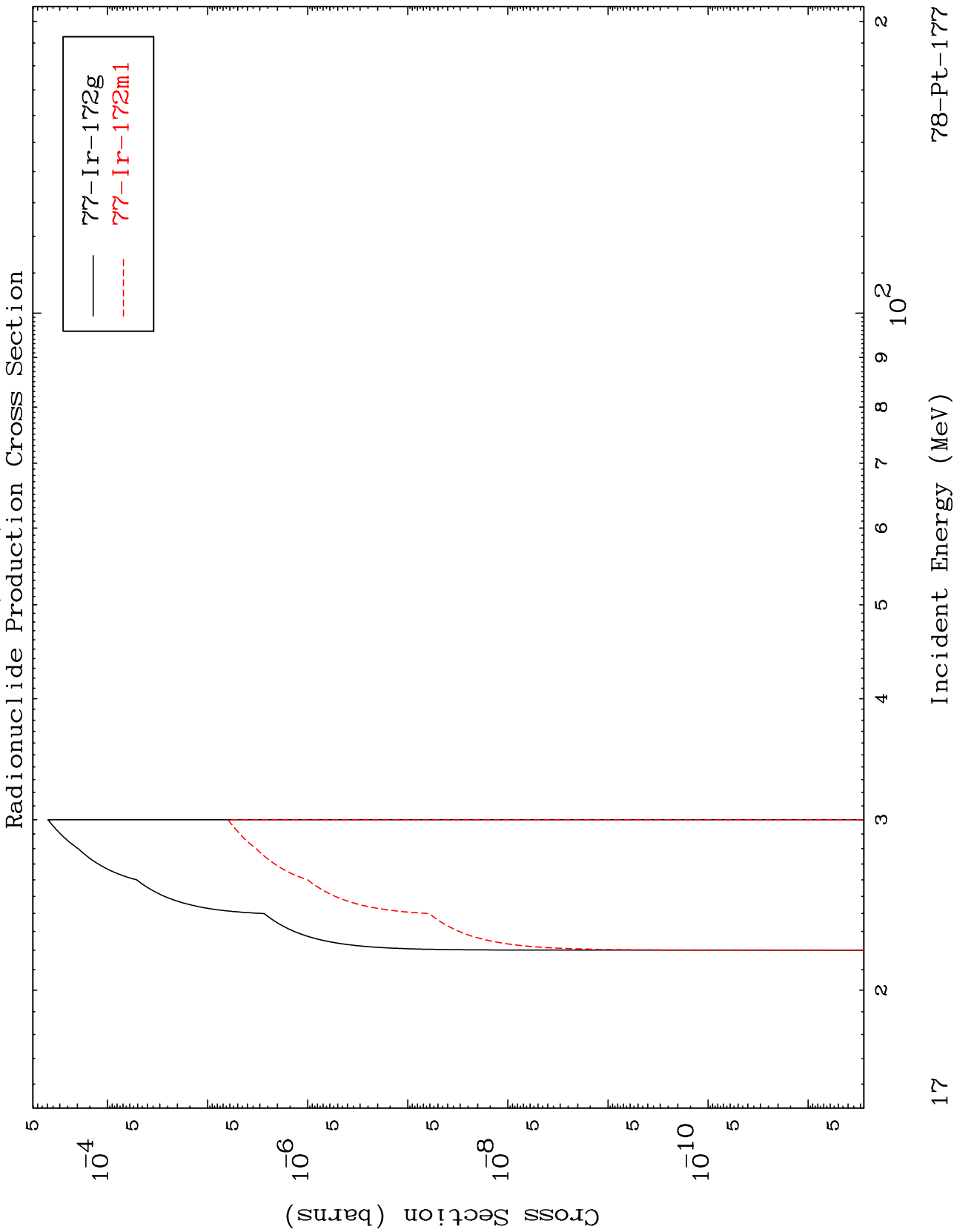
78-Pt-177



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(n,3n) α

78-Pt-177



17

Incident Energy (MeV)

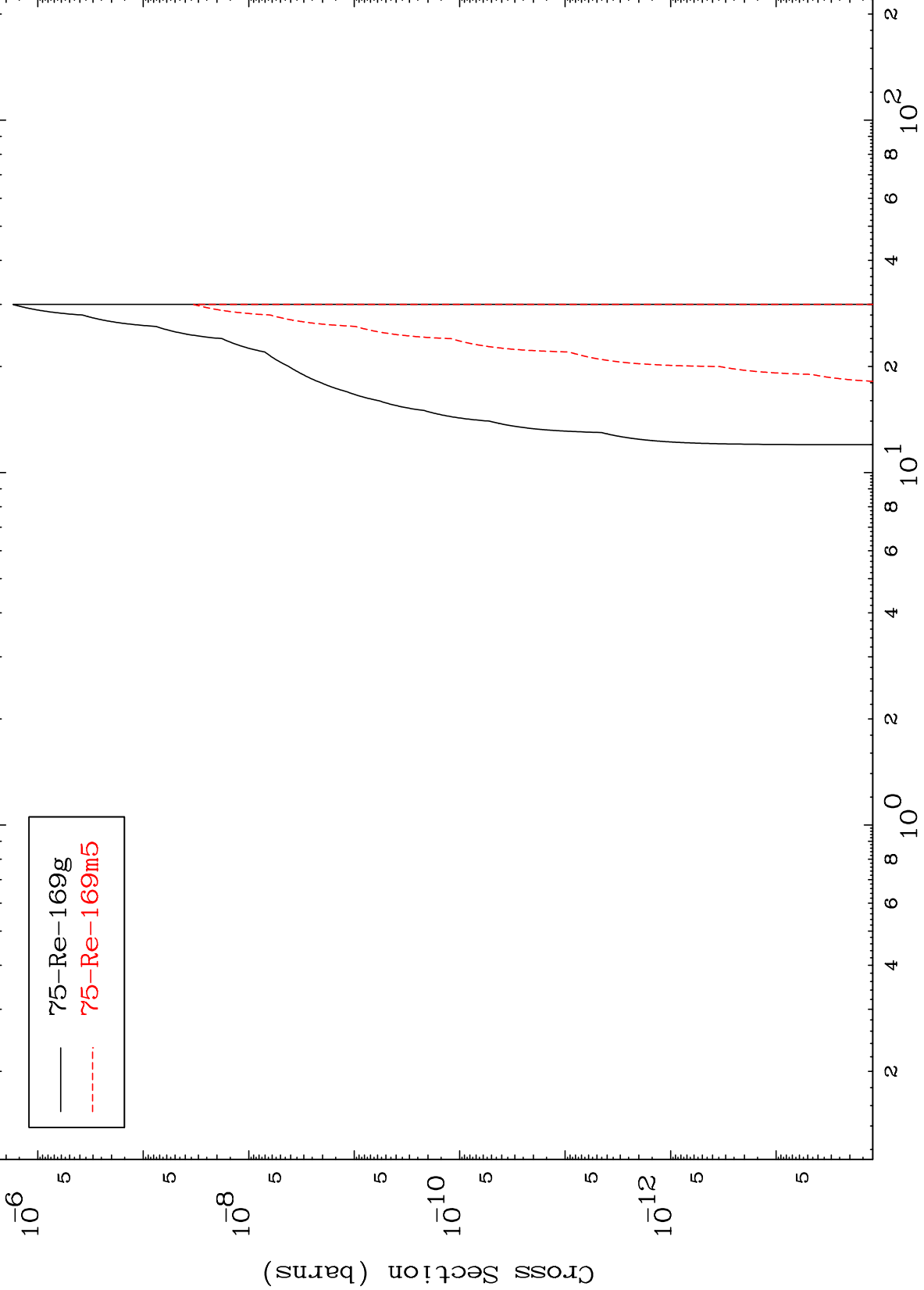
78-Pt-177

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(n,2n) 2 α

78-Pt-177

Radionuclide Production Cross Section



75-Re-169g
75-Re-169m5