

Program EVALPLOT
(Version 2021-1)

by

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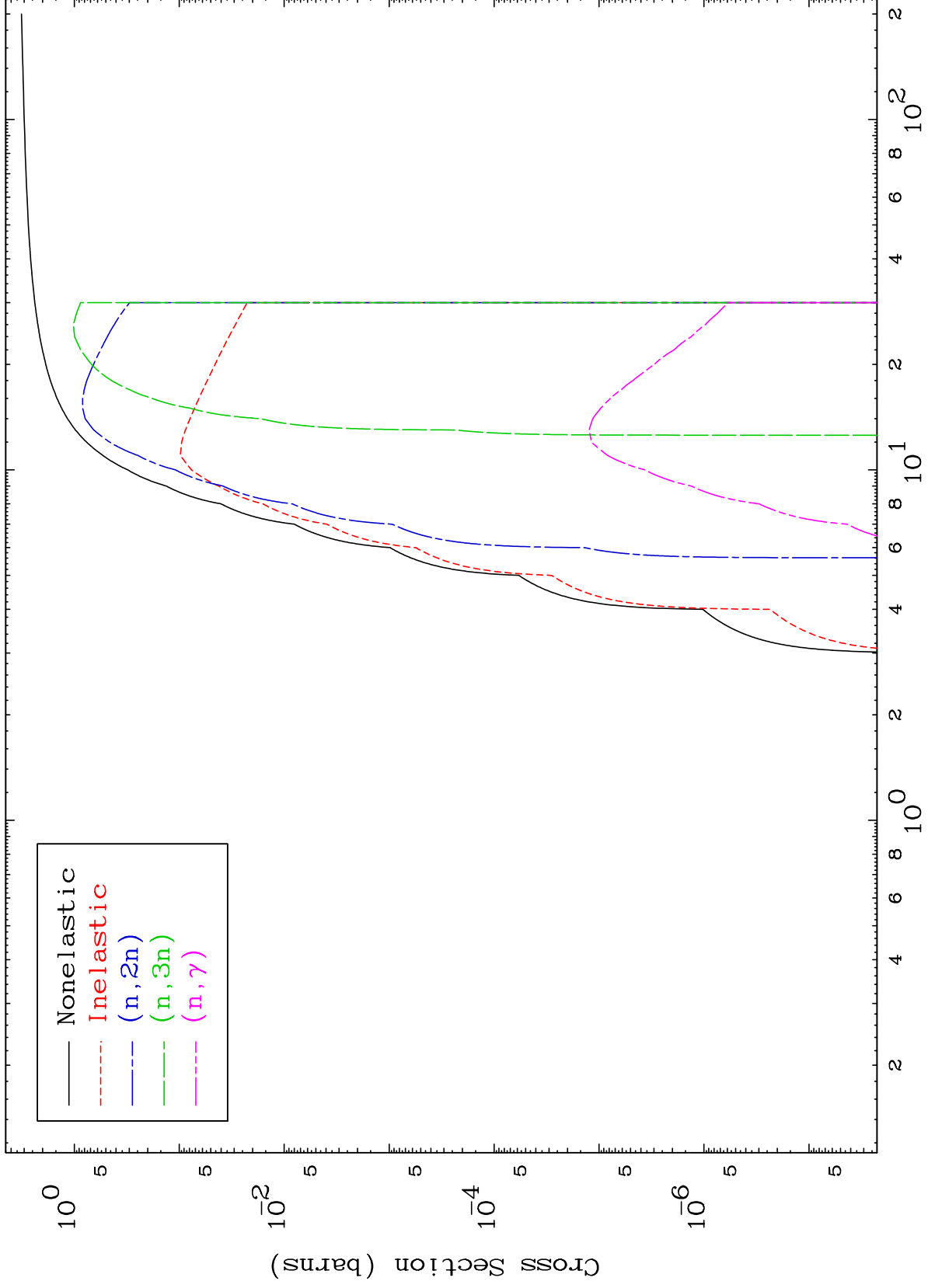
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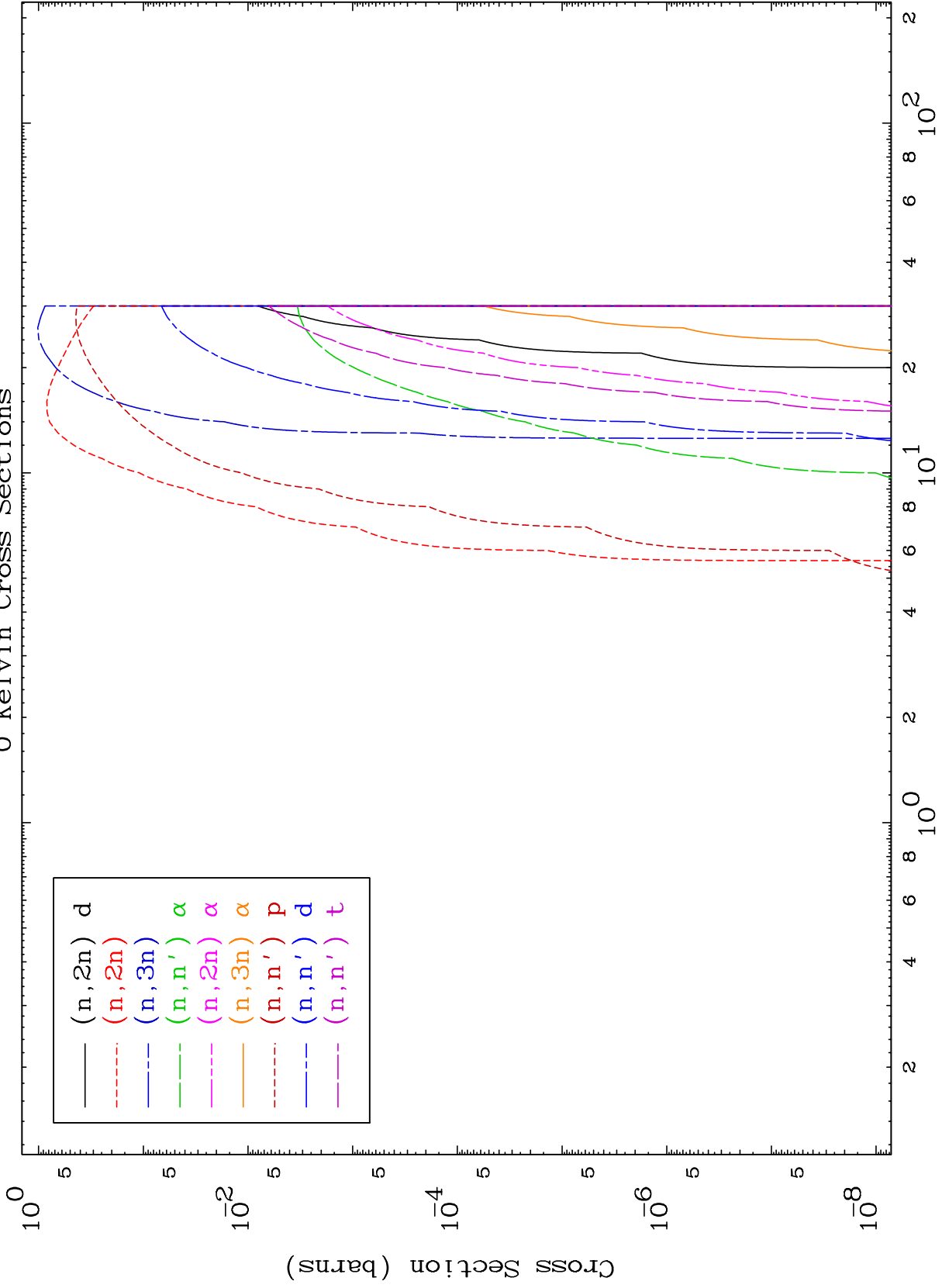
Press Mouse Button to Start

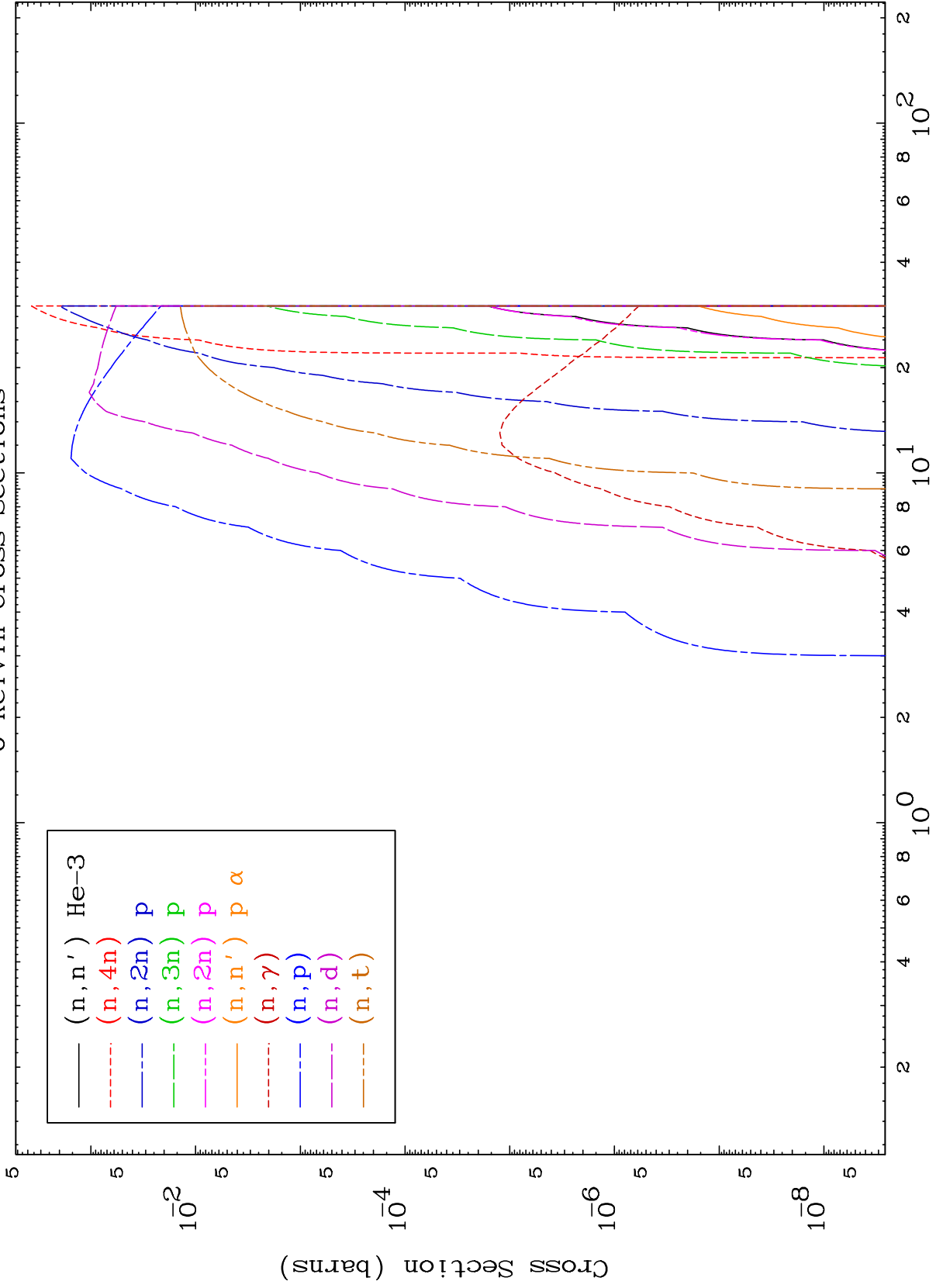
MAT 7837

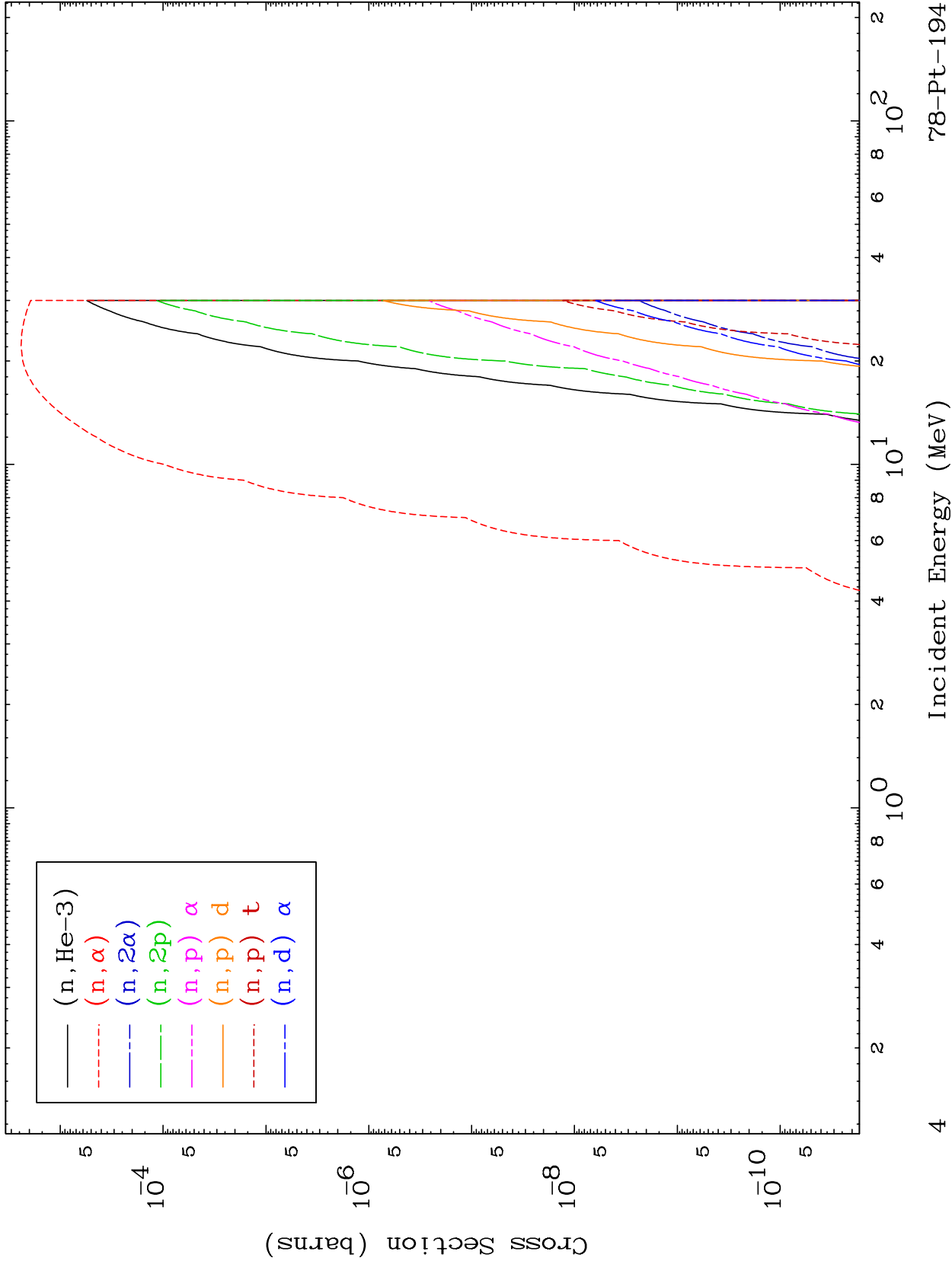
Deuteron Major
0 Kelvin Cross Sections

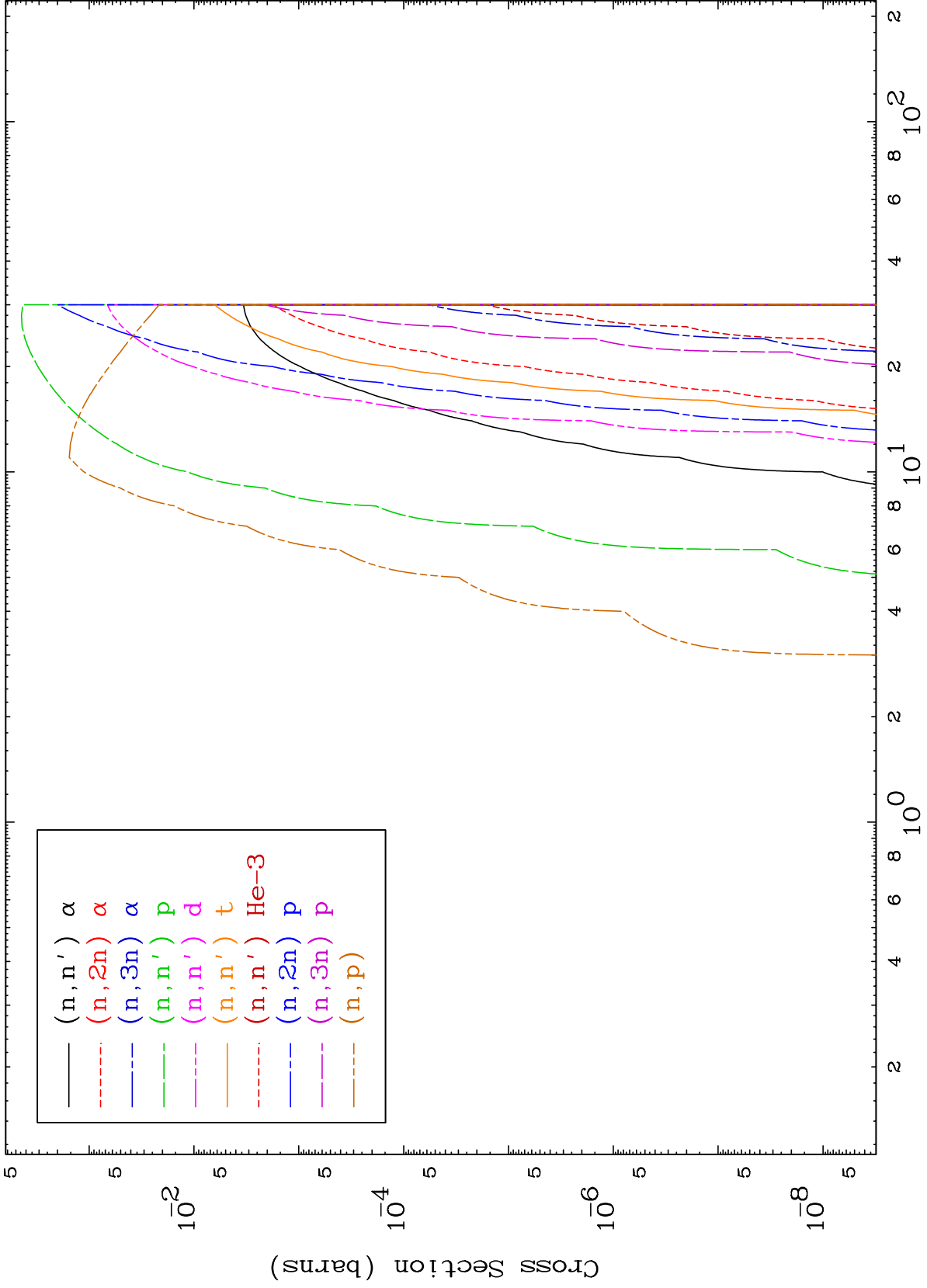
78-Pt-194

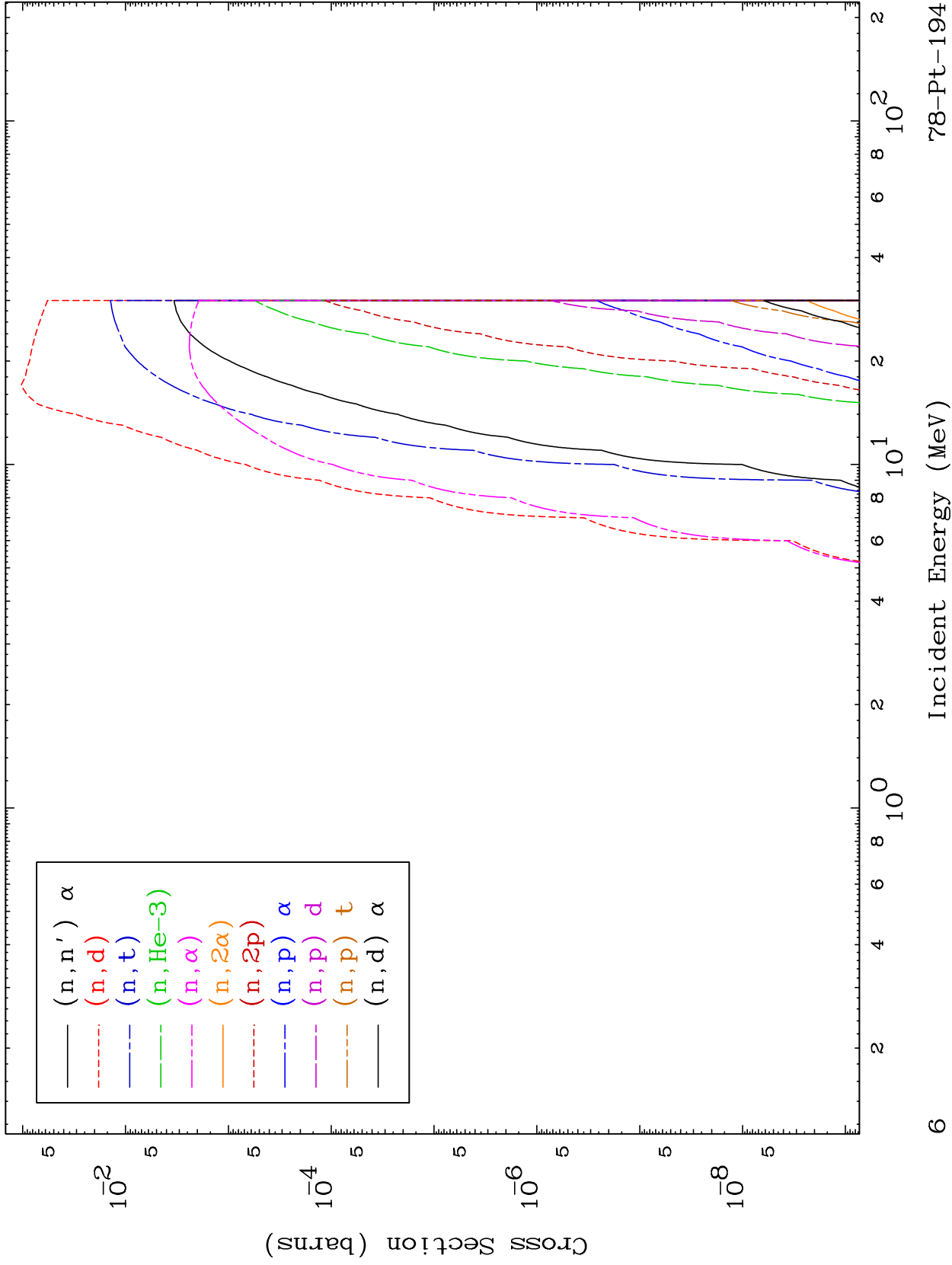










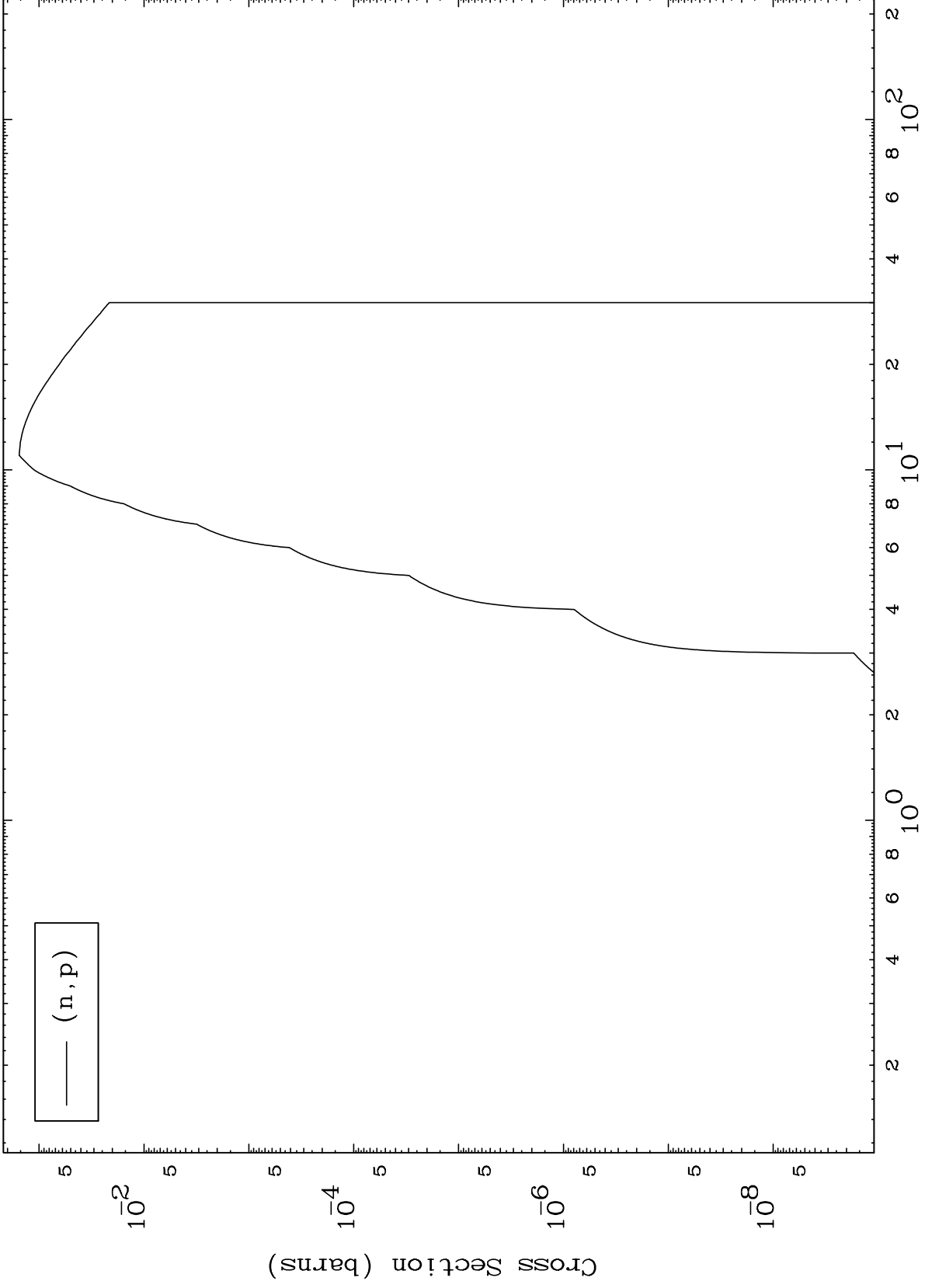


MAT 7837

(d,p) Levels

78-Pt-194

0 Kelvin Cross Sections



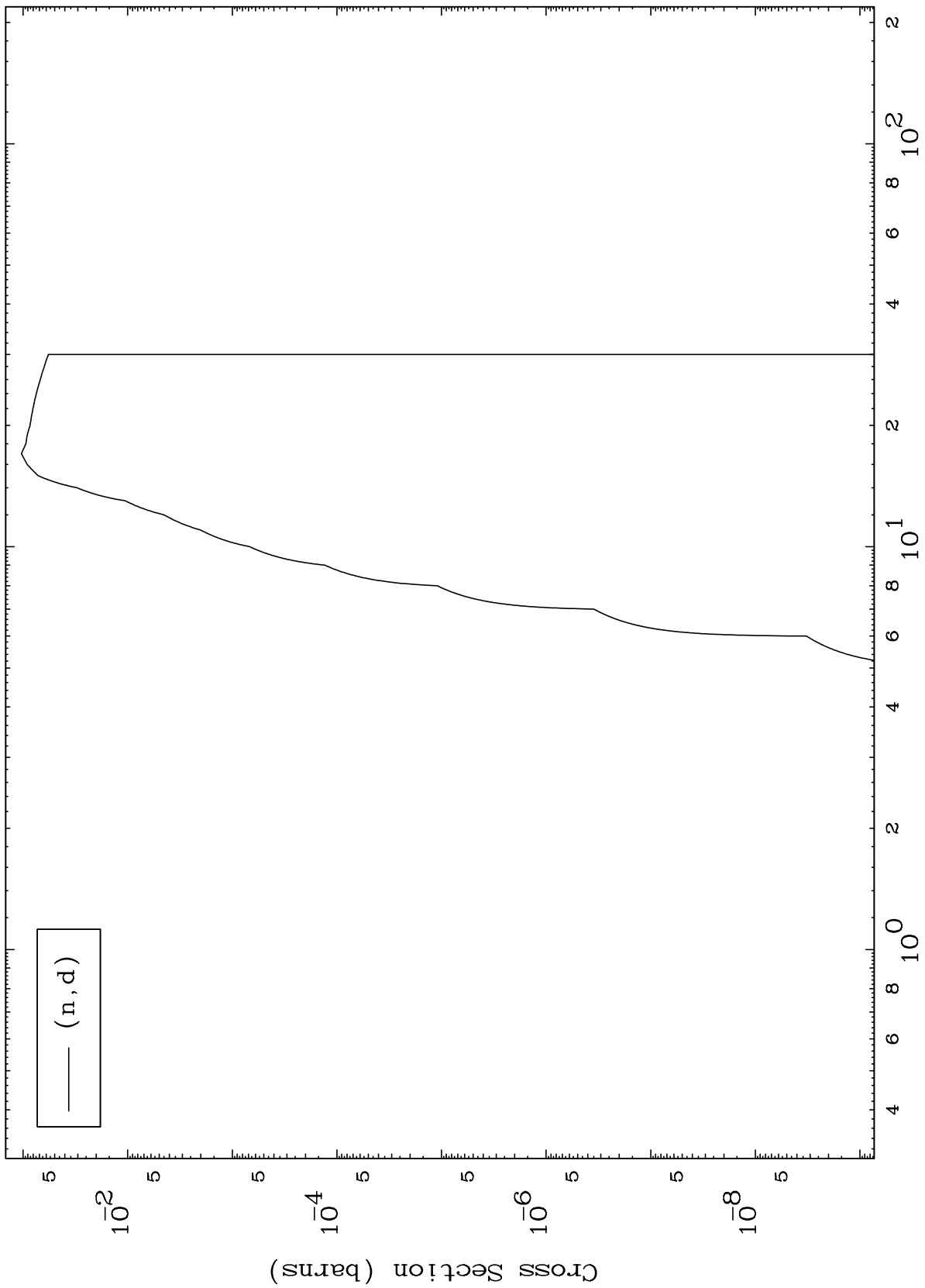
(n,p)

MAT 7837

(d,d) Levels

78-Pt-194

0 Kelvin Cross Sections



8

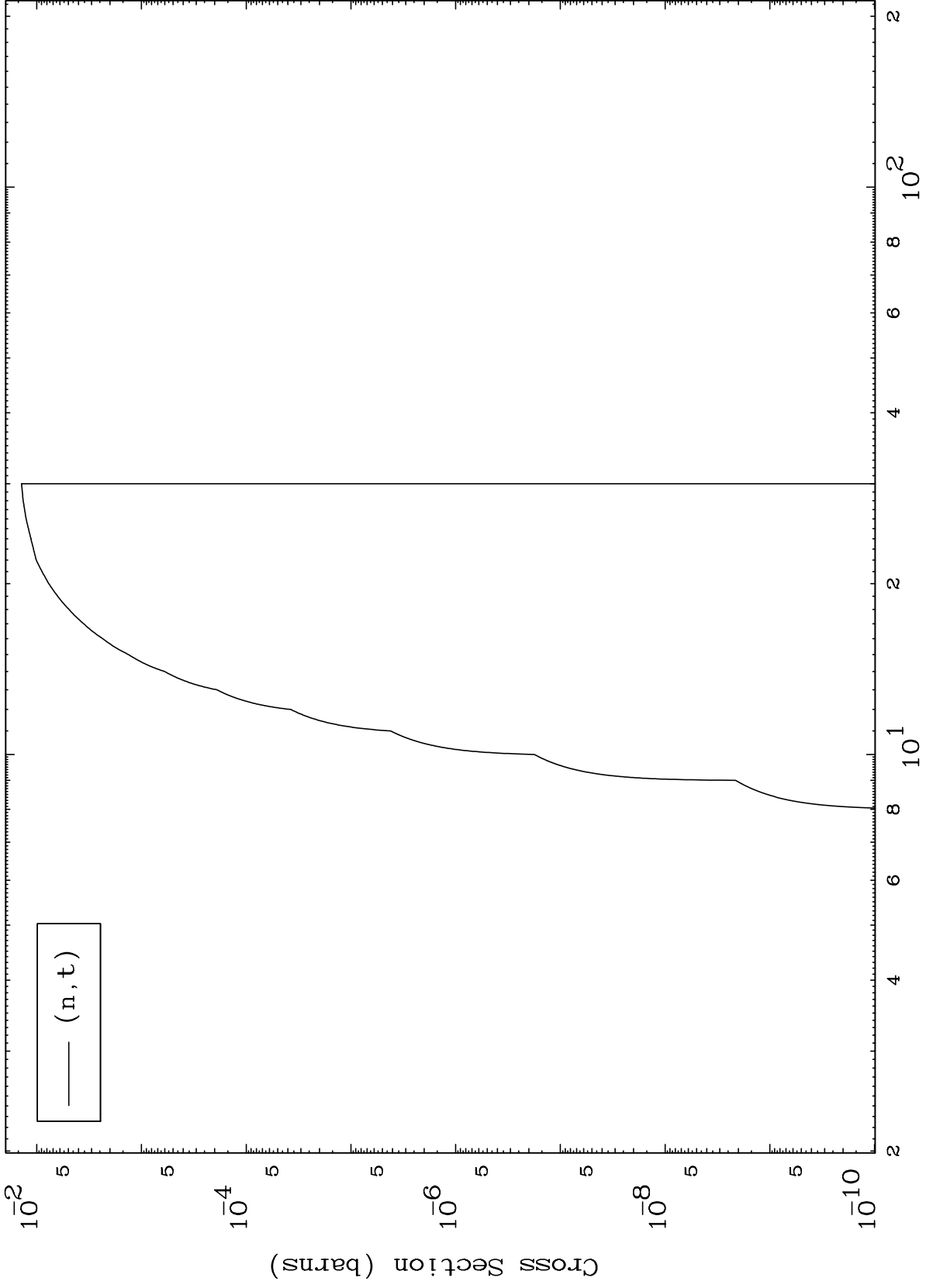
Incident Energy (MeV)

78-Pt-194

MAT 7837

78-Pt-194

(d,t) Levels
0 Kelvin Cross Sections



9

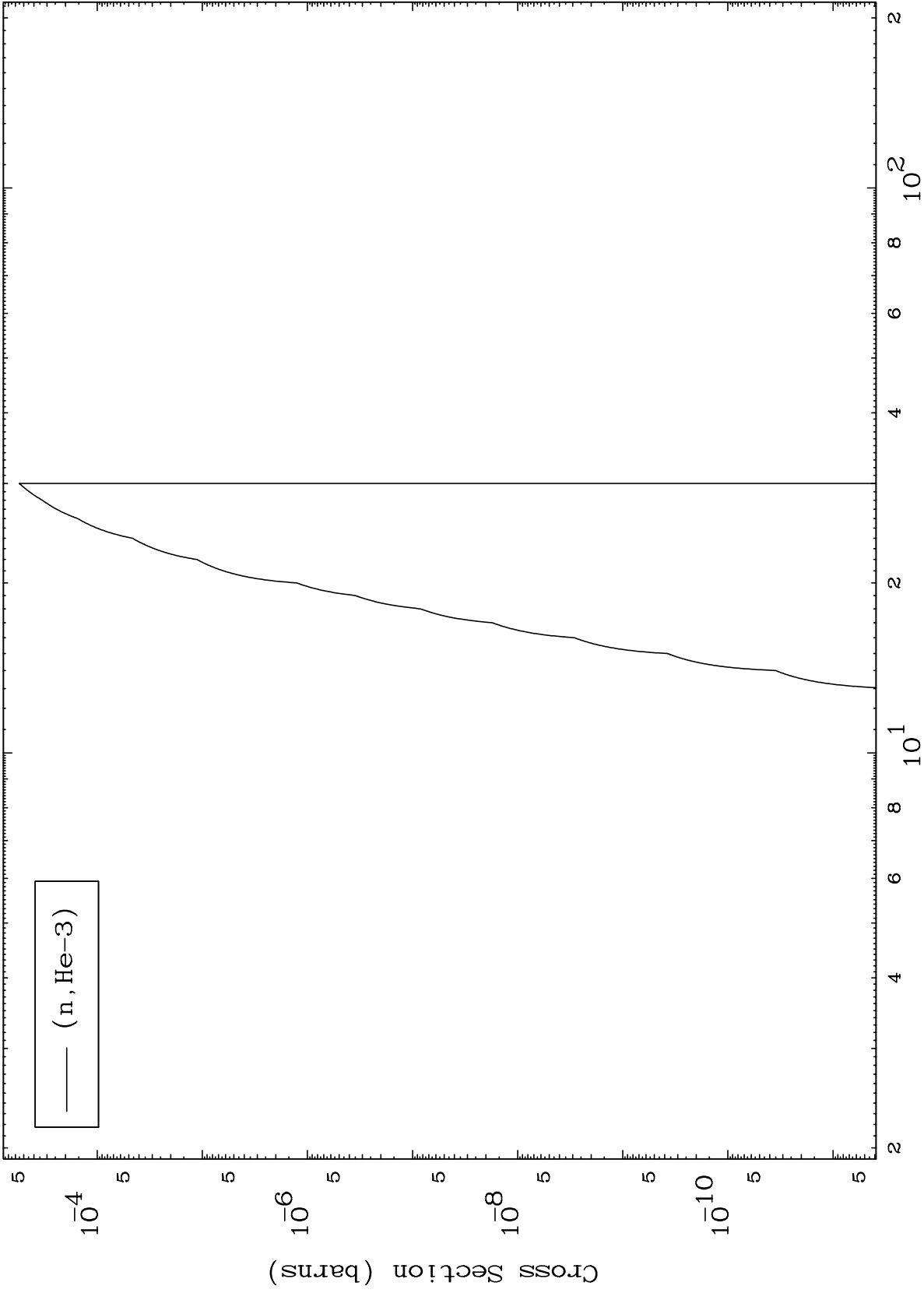
Incident Energy (MeV)

78-Pt-194

MAT 7837

(d,He3) Levels
0 Kelvin Cross Sections

78-Pt-194



10

Incident Energy (MeV)

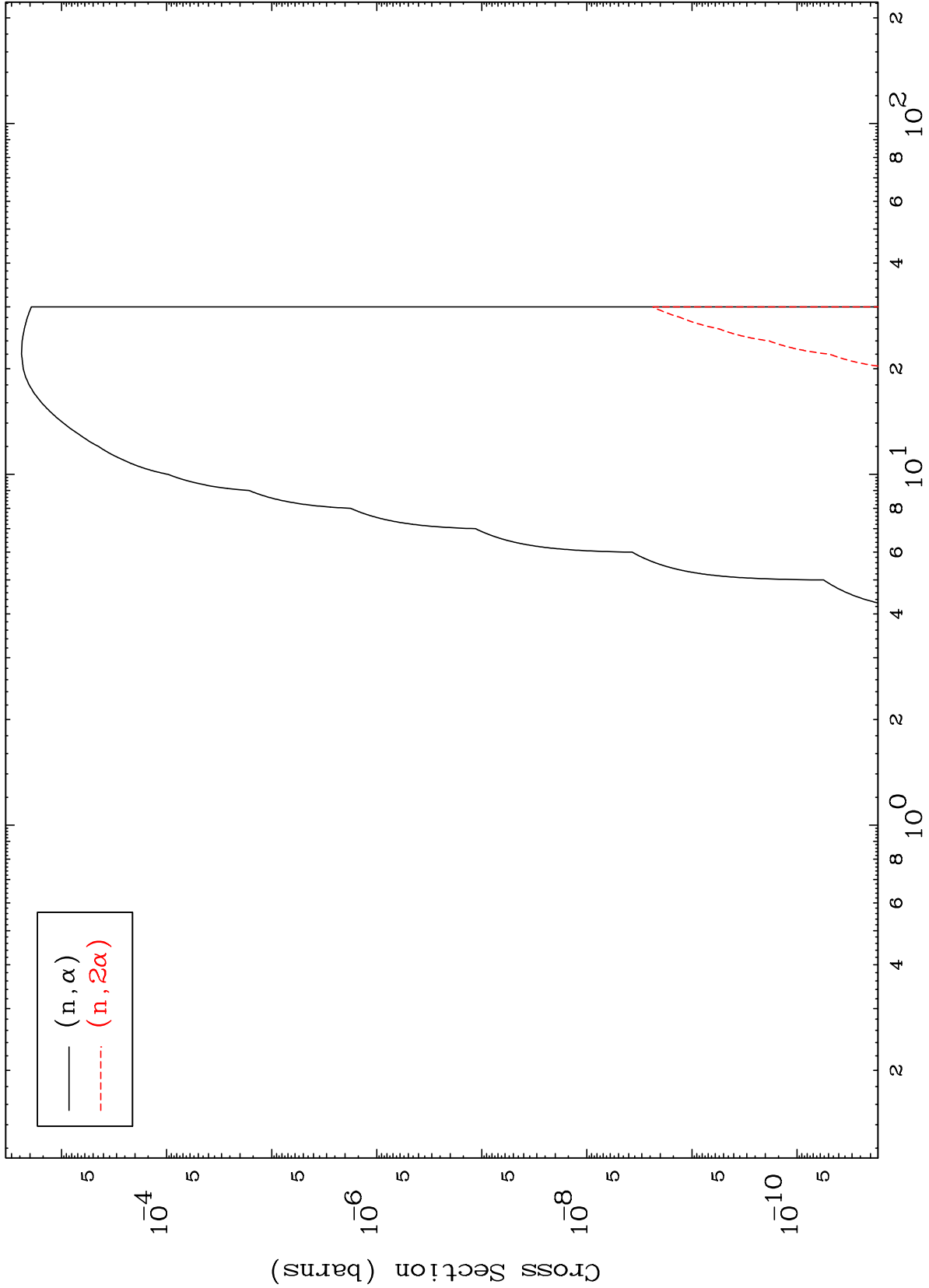
78-Pt-194

MAT 7837

(d, α) Levels

78-Pt-194

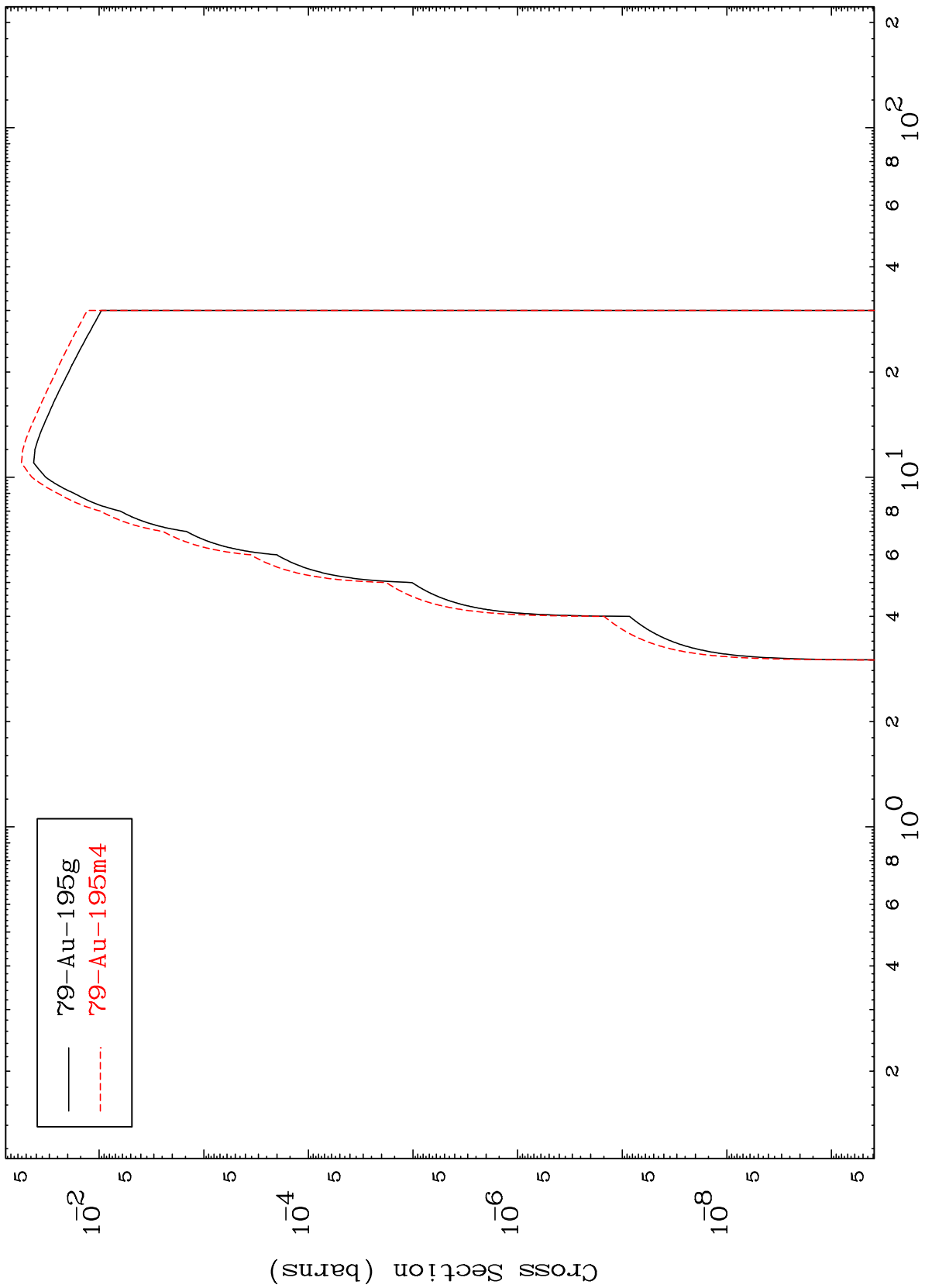
0 Kelvin Cross Sections



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78-Pt-194

Inelastic
Radionuclide Production Cross Section



— $^{79}\text{Au-195g}$
- - - $^{79}\text{Au-195m4}$

78-Pt-194

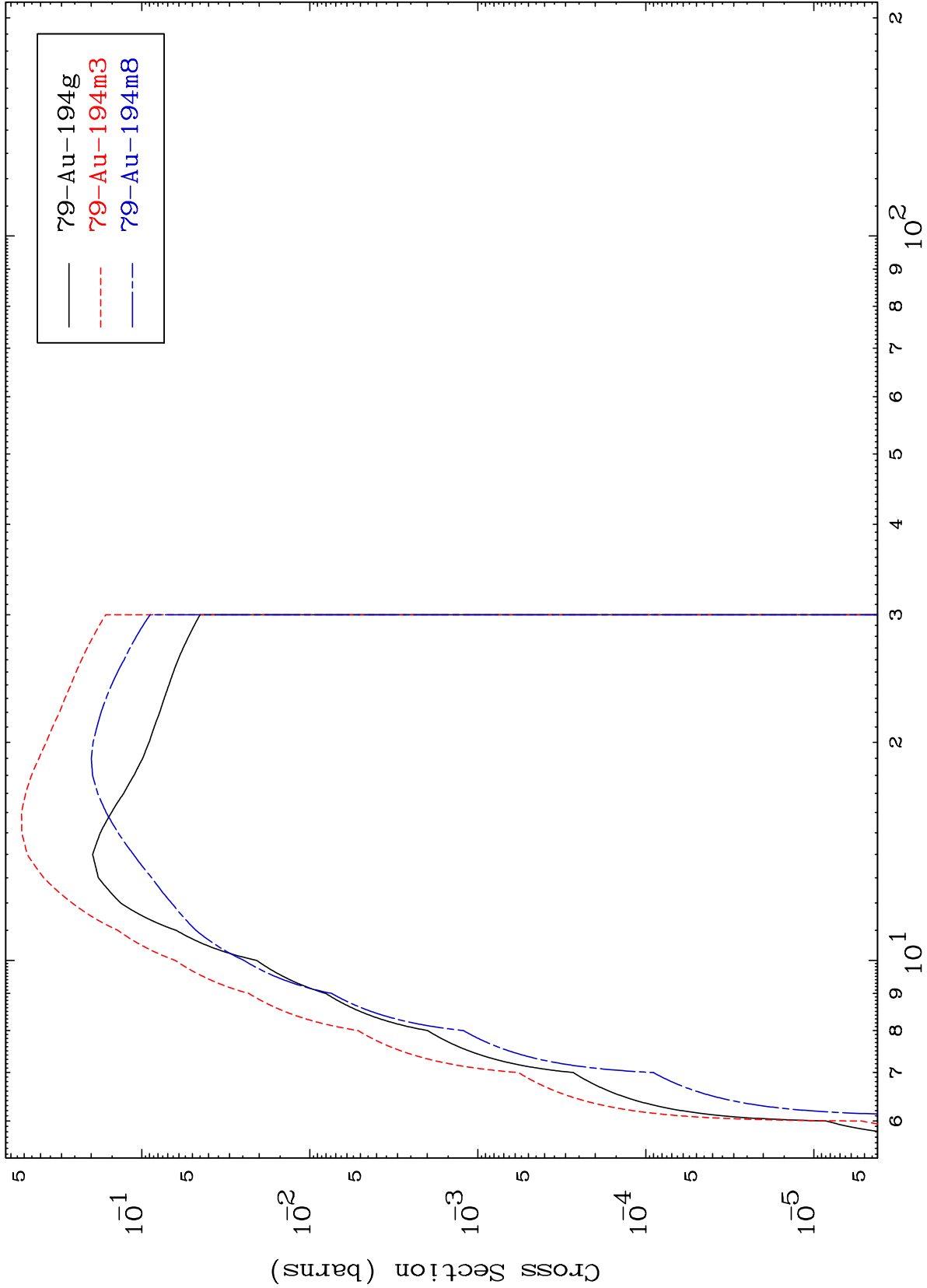
Incident Energy (MeV)

12

MAT 7837

78-Pt-194

(n,2n)
Radionuclide Production Cross Section



78-Pt-194

Incident Energy (MeV)

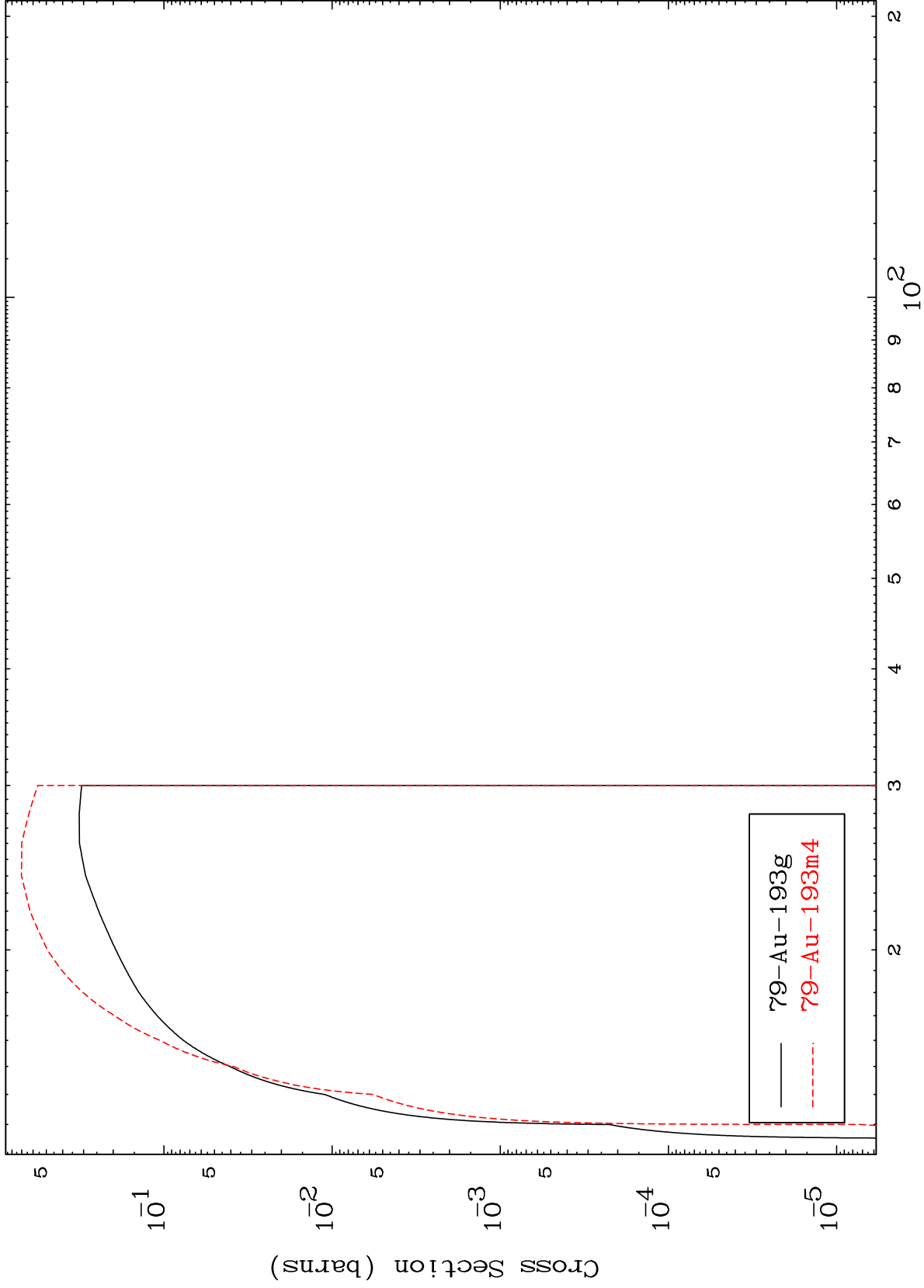
13

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(n,3n)

78-Pt-194

Radionuclide Production Cross Section



14

Incident Energy (MeV)

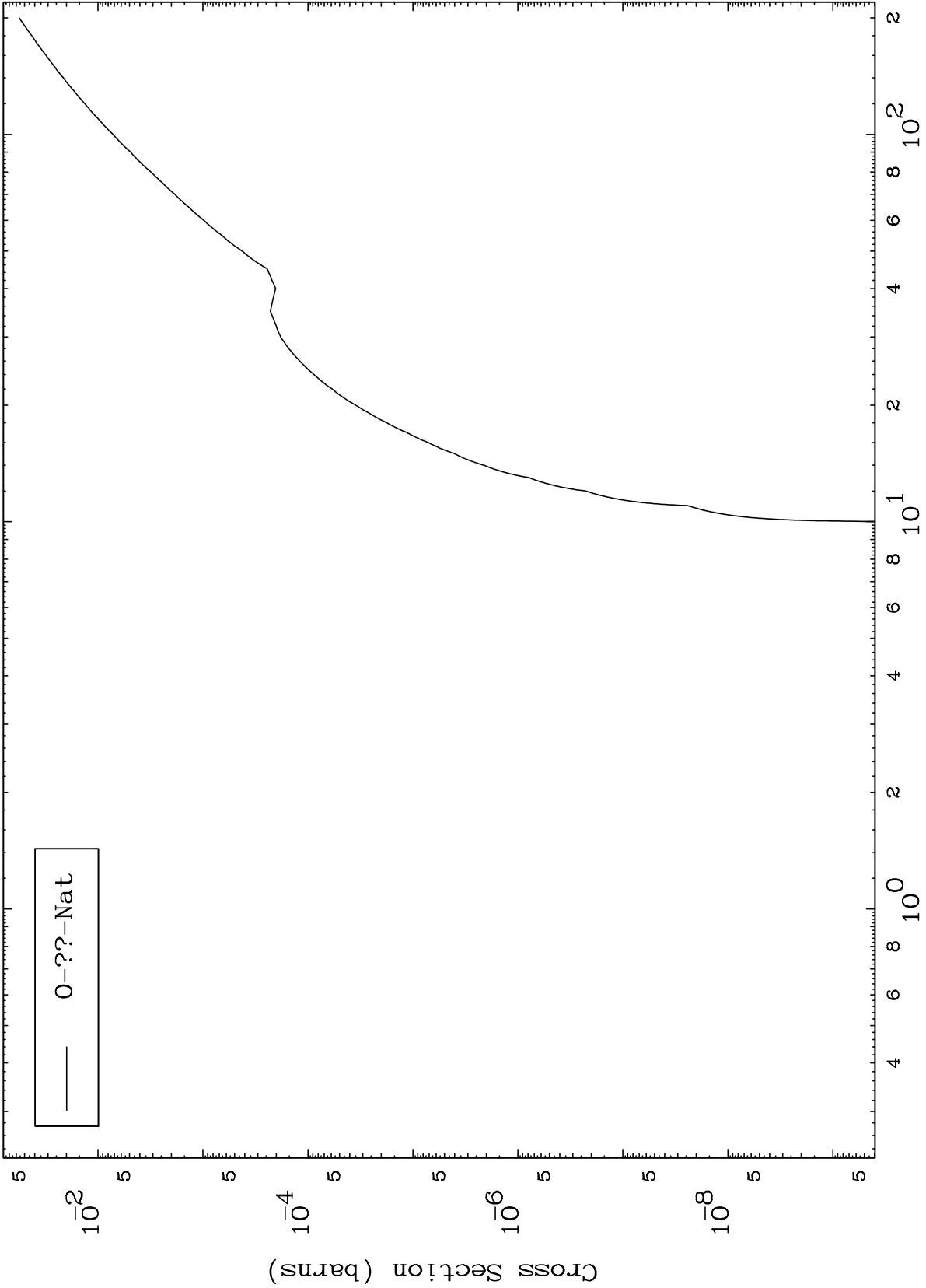
78-Pt-194

MAT 7837

Fission

78-Pt-194

Radionuclide Production Cross Section



15

Incident Energy (MeV)

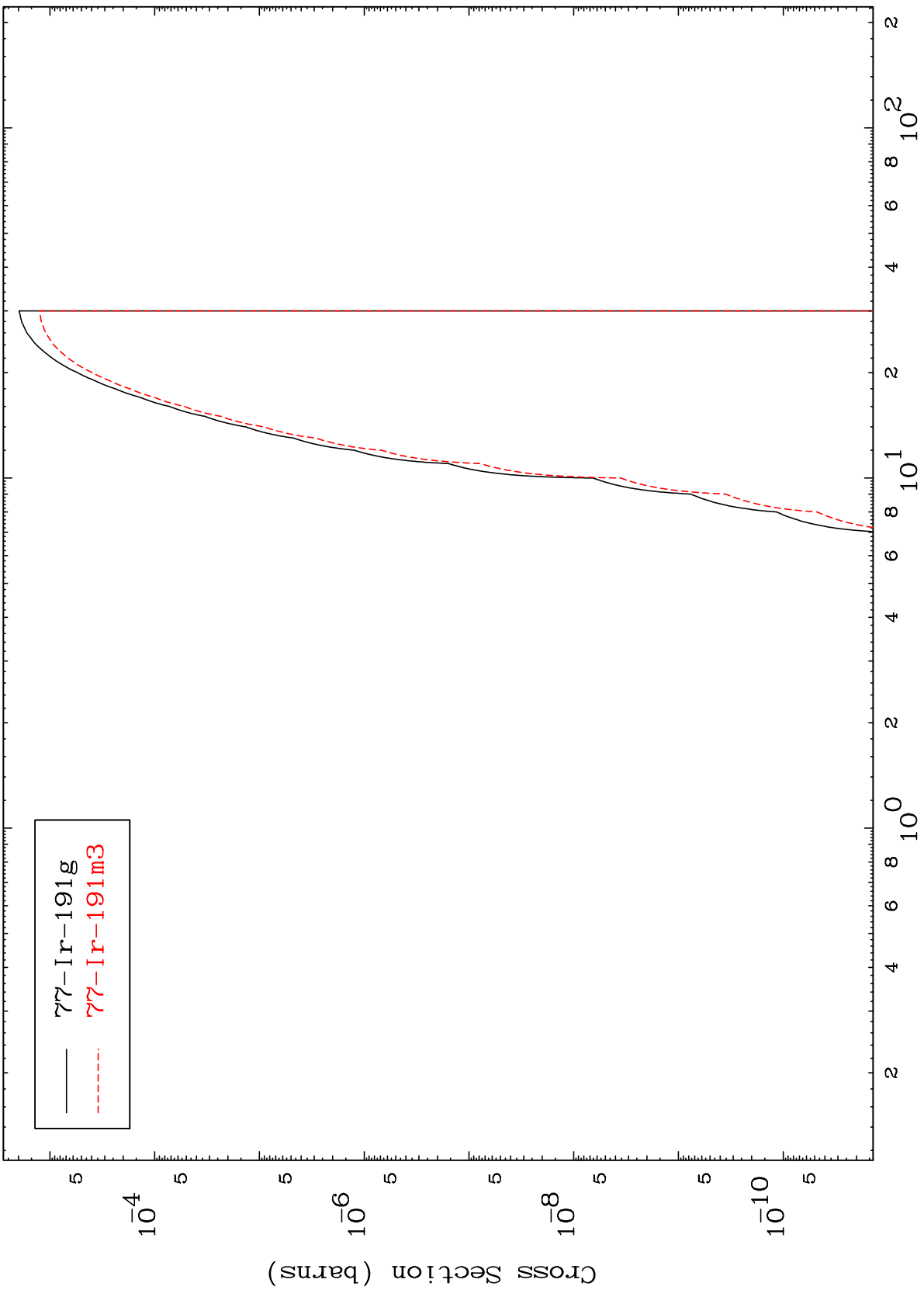
78-Pt-194

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$(n, n') \alpha$

78-Pt-194

Radionuclide Production Cross Section



16

Incident Energy (MeV)

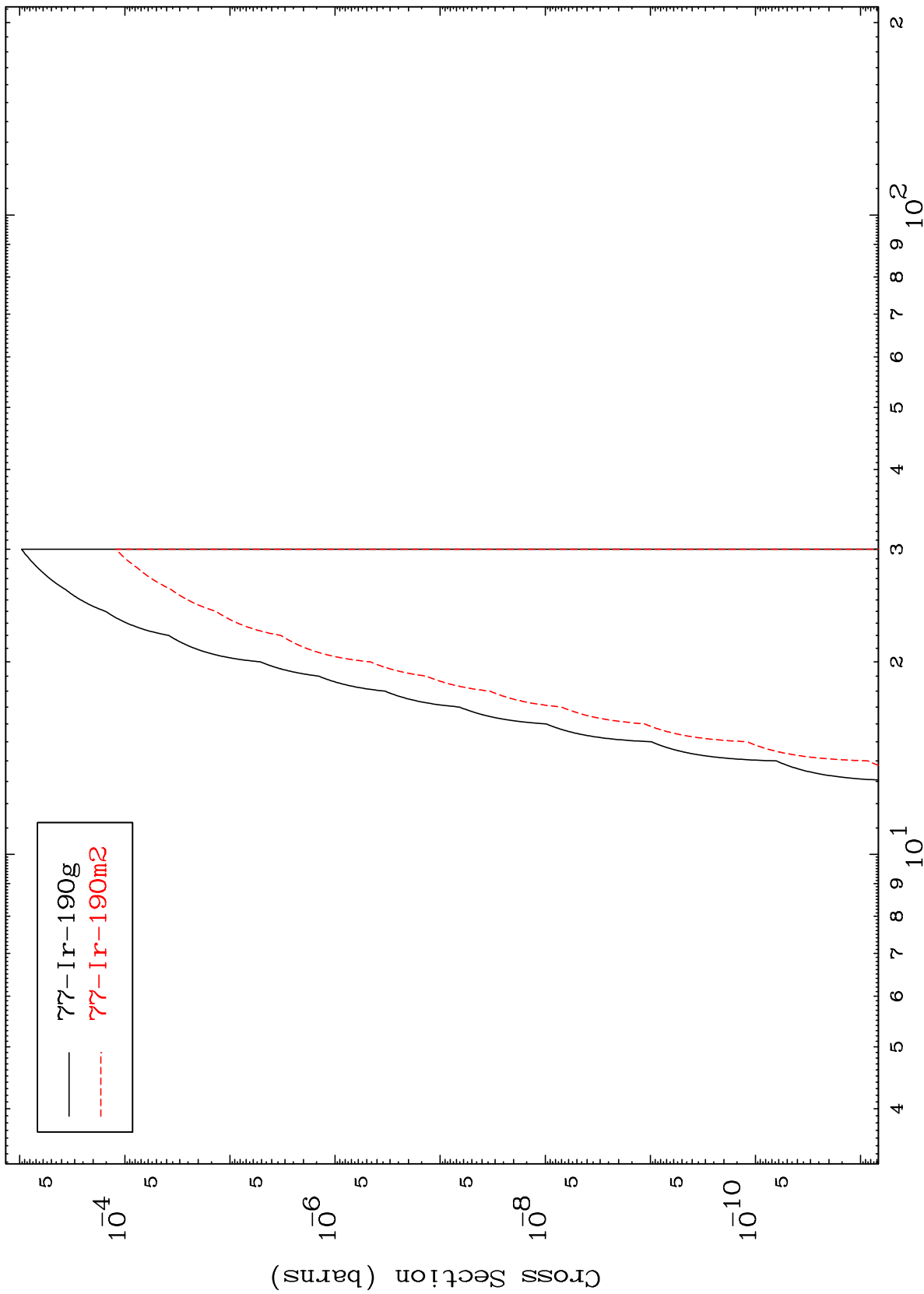
78-Pt-194

MAT 7837

(n,2n) α

78-Pt-194

Radionuclide Production Cross Section



17

Incident Energy (MeV)

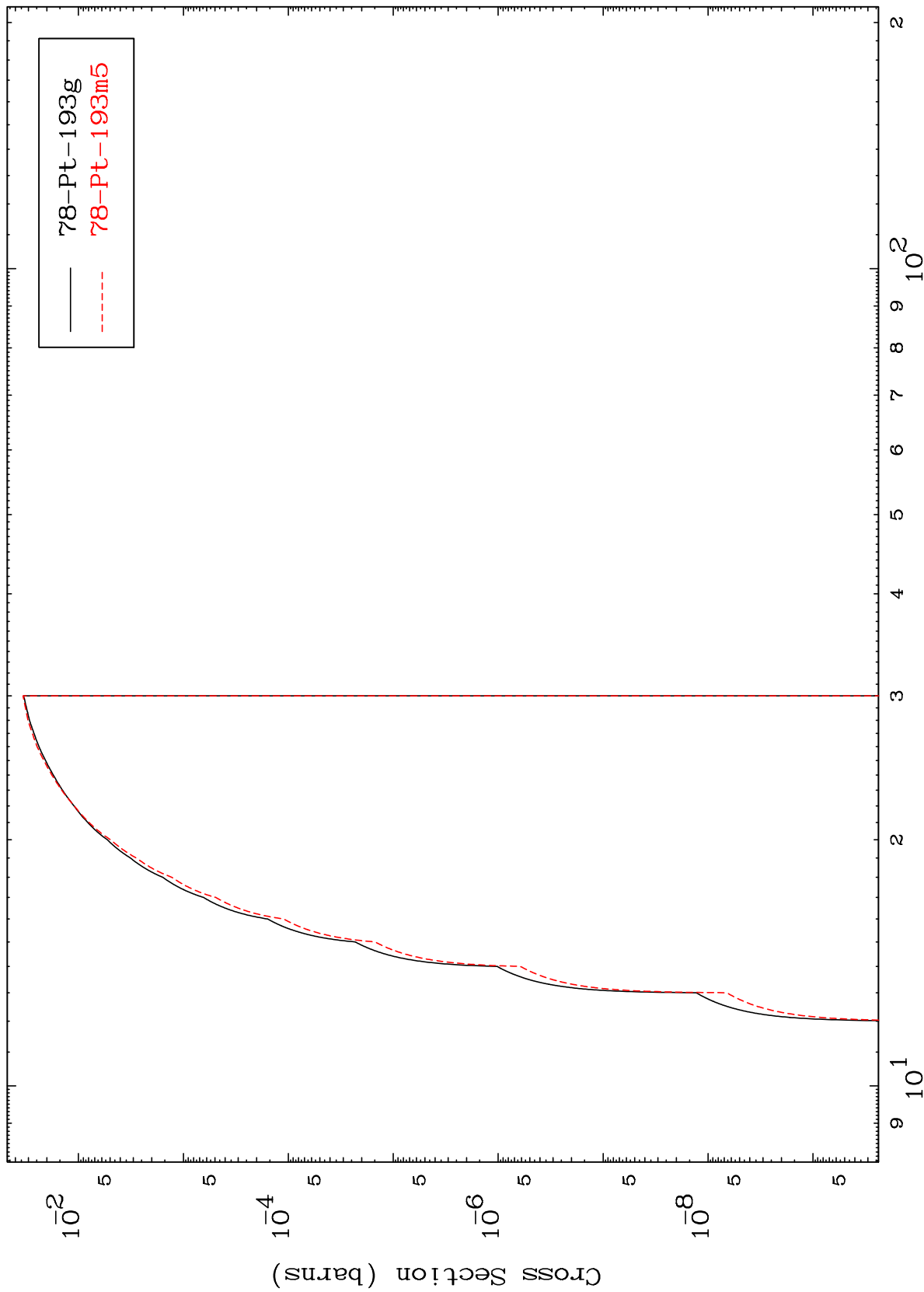
78-Pt-194

MAT 7837

(n,n') d

78-Pt-194

Radionuclide Production Cross Section



18

Incident Energy (MeV)

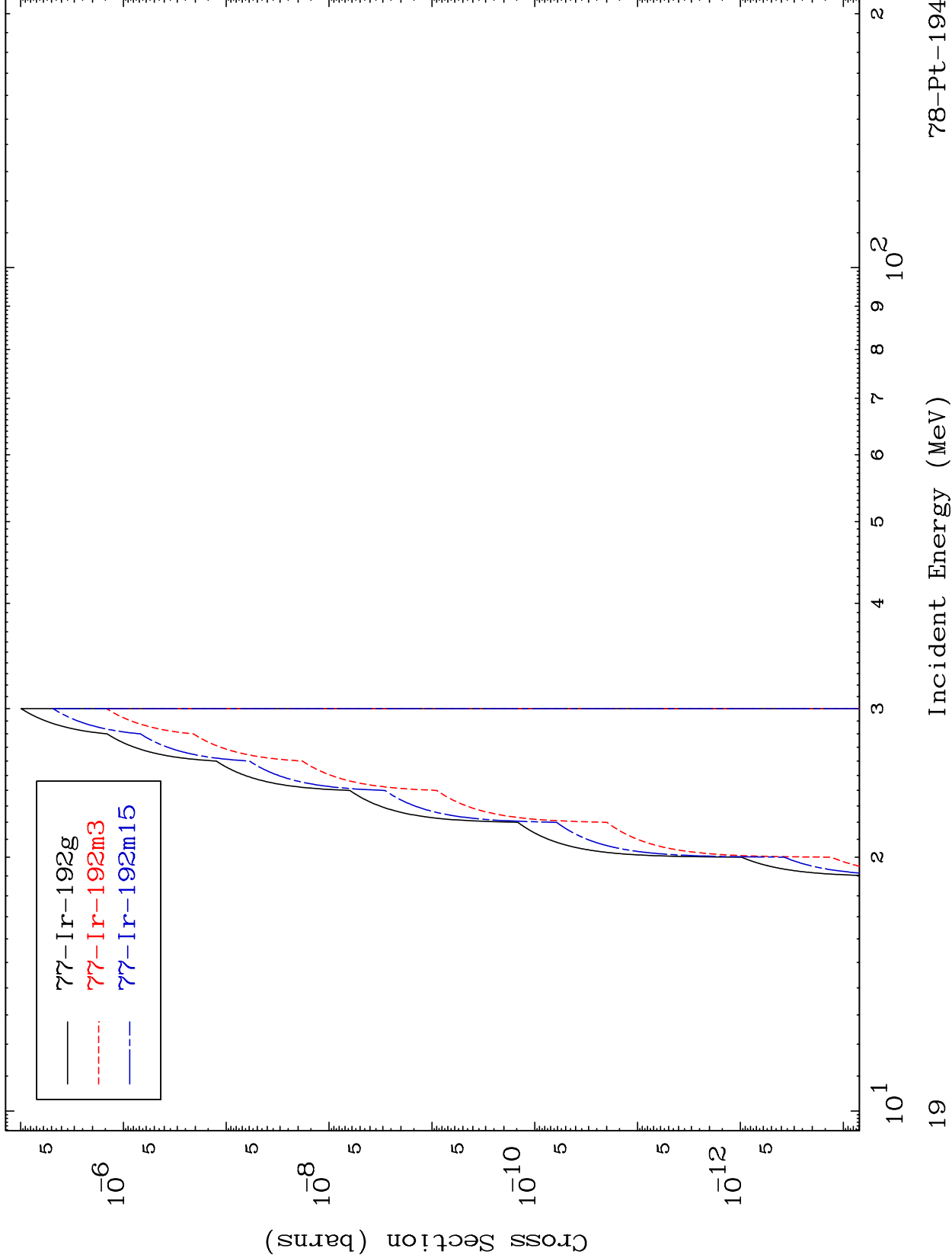
78-Pt-194

MAT 7837

(n,n') He-3

78-Pt-194

Radionuclide Production Cross Section



Legend:
— $^{77}\text{Ir-192g}$
- - - $^{77}\text{Ir-192m3}$
- · - $^{77}\text{Ir-192m15}$

78-Pt-194

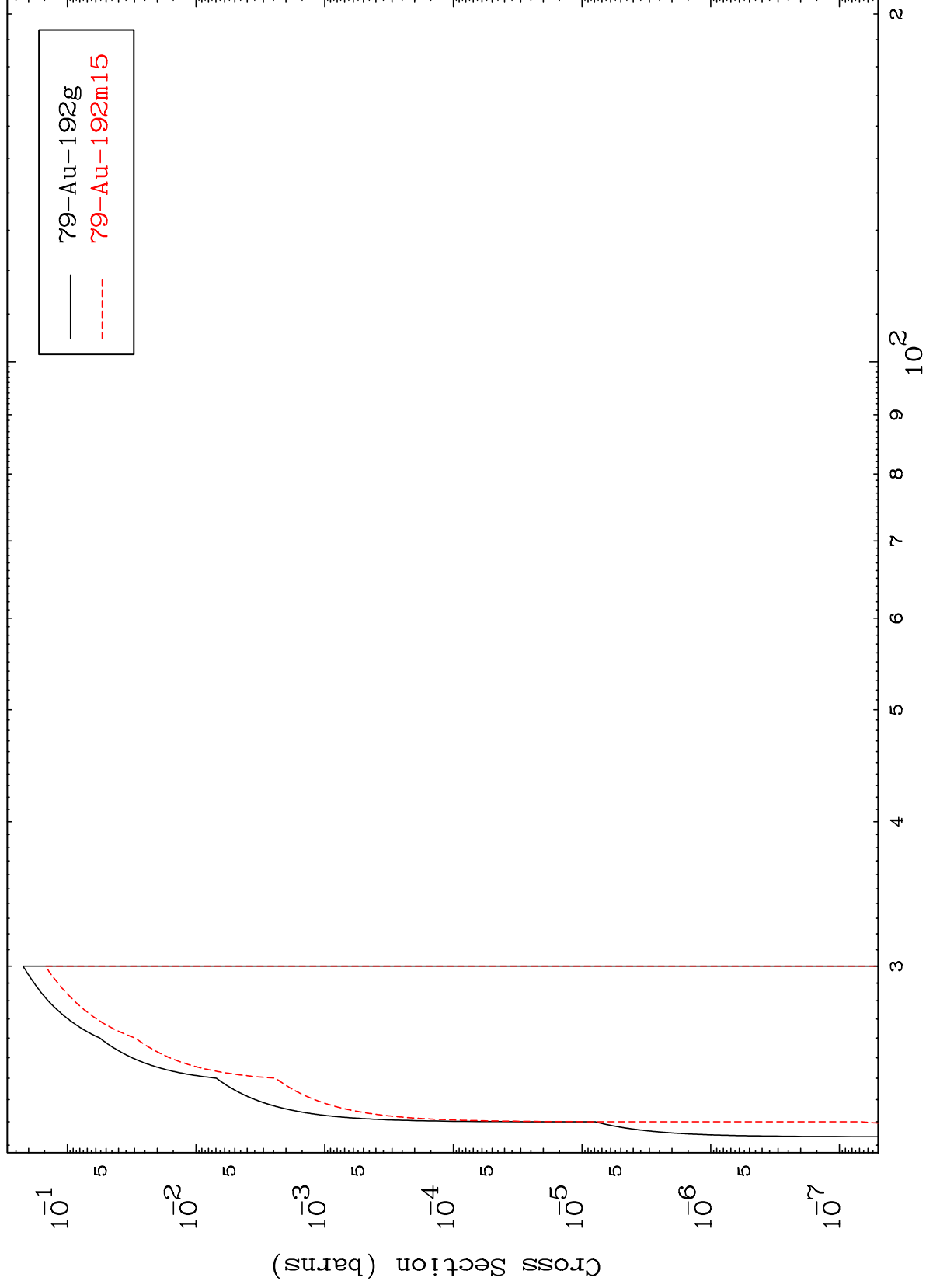
Incident Energy (MeV)

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(n,4n)

78-Pt-194

Radionuclide Production Cross Section



20

Incident Energy (MeV)

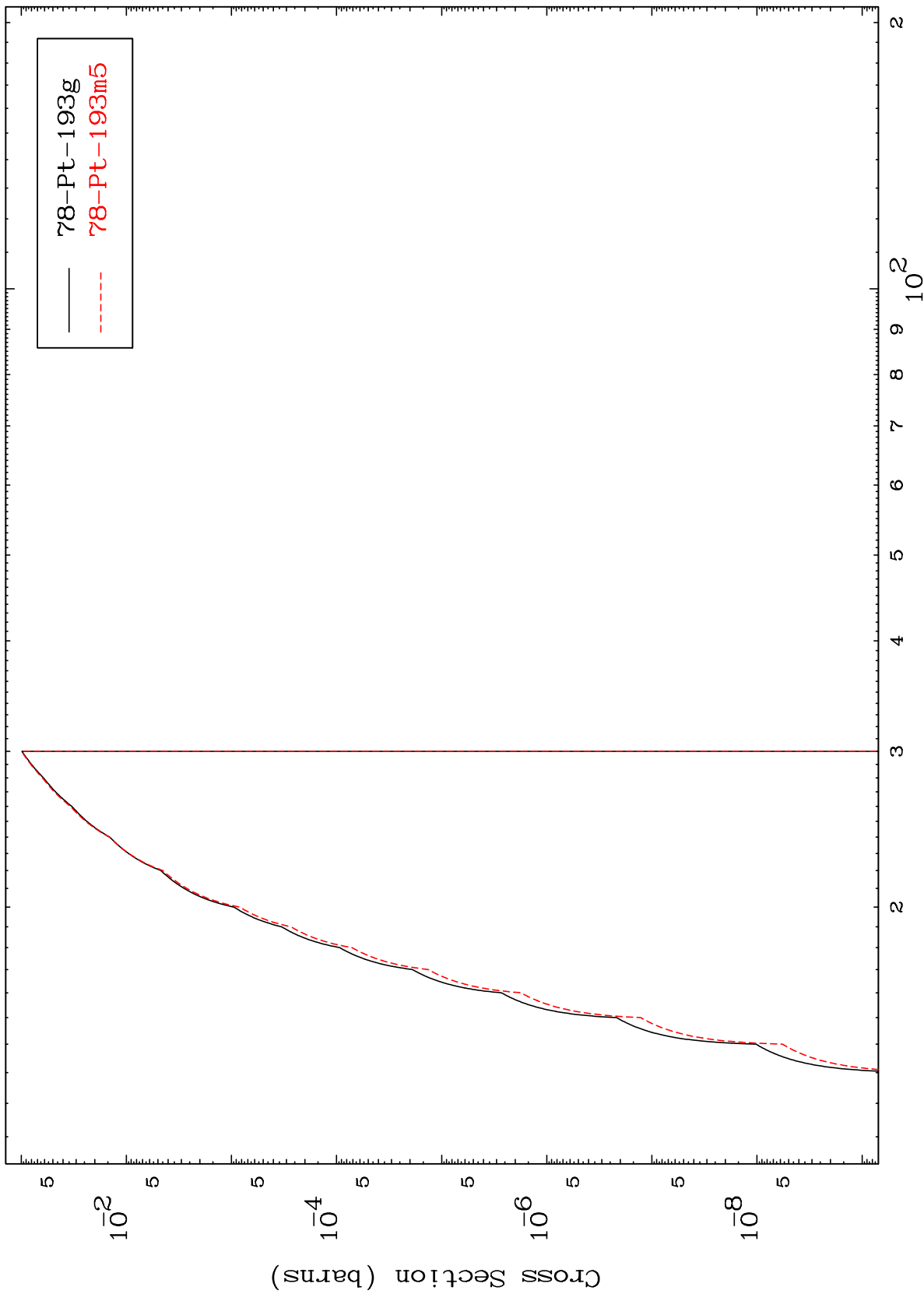
78-Pt-194

MAT 7837

(n,2n) p

78-Pt-194

Radionuclide Production Cross Section

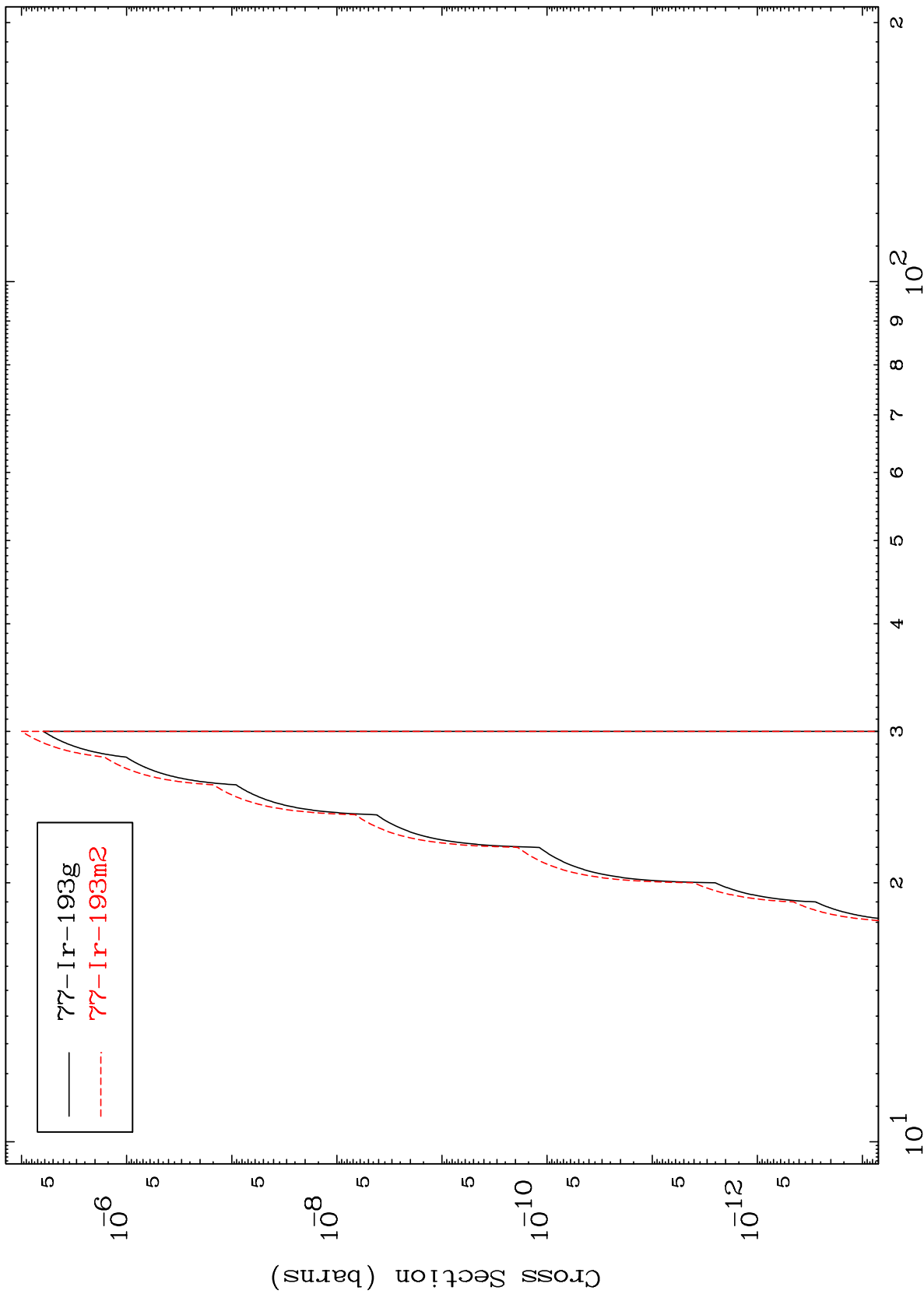


MAT 7837

(n,2n) p

78-Pt-194

Radionuclide Production Cross Section



Incident Energy (MeV)

78-Pt-194

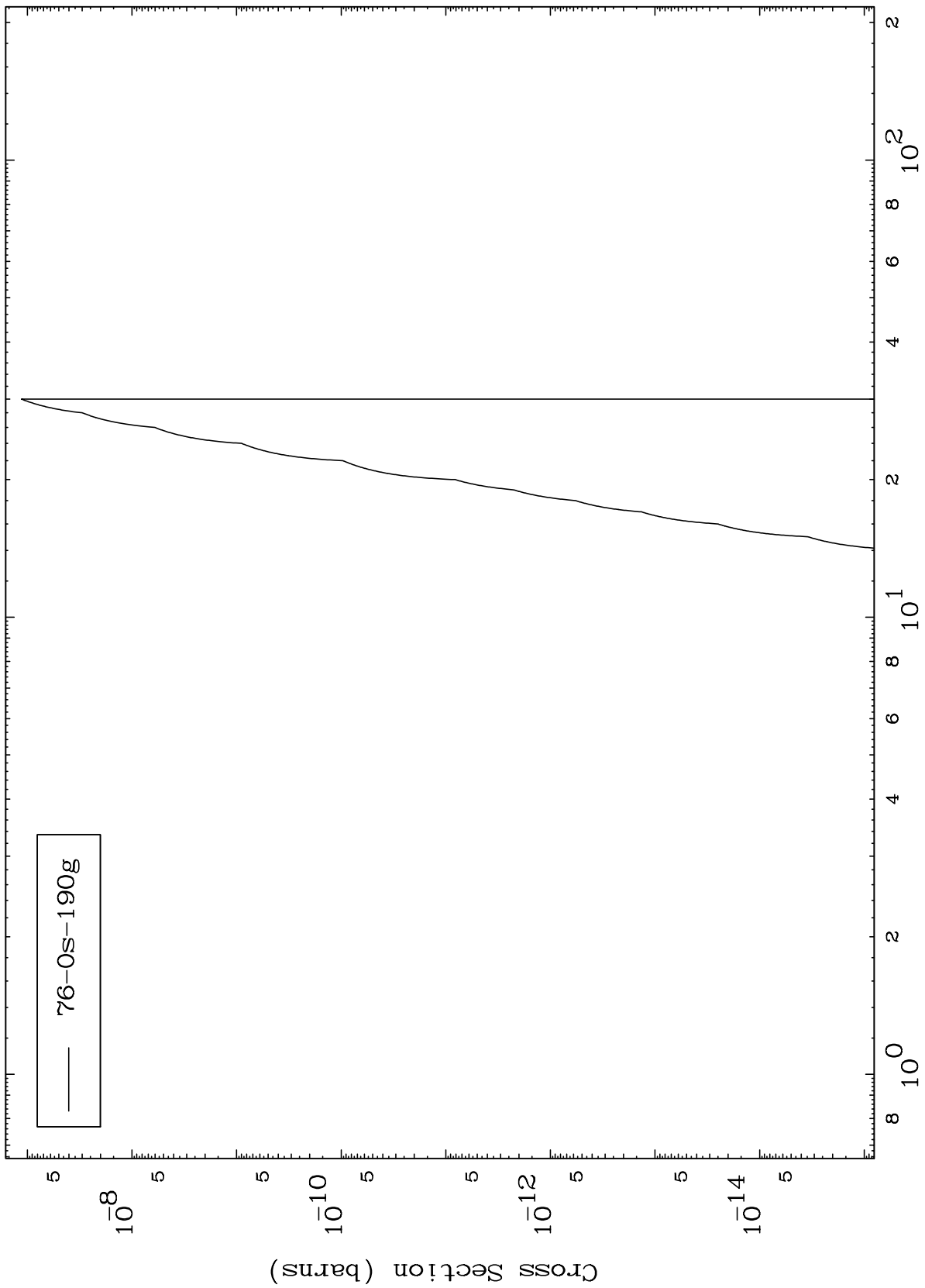
22

MAT 7837

(n,n') p α

78-Pt-194

Radionuclide Production Cross Section



23

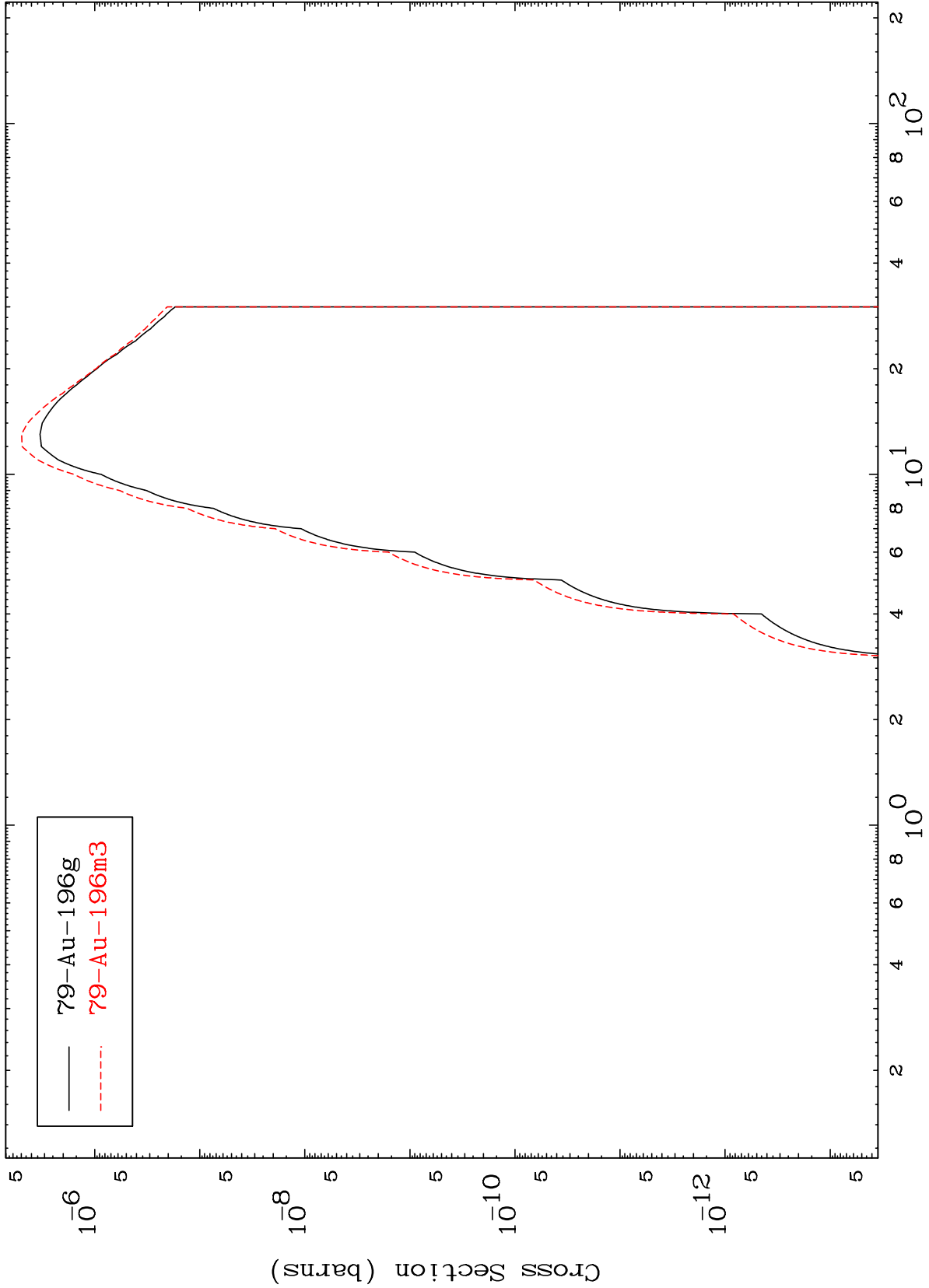
Incident Energy (MeV)

78-Pt-194

MAT 7837

78-Pt-194

(n, γ)
Radionuclide Production Cross Section



78-Pt-194

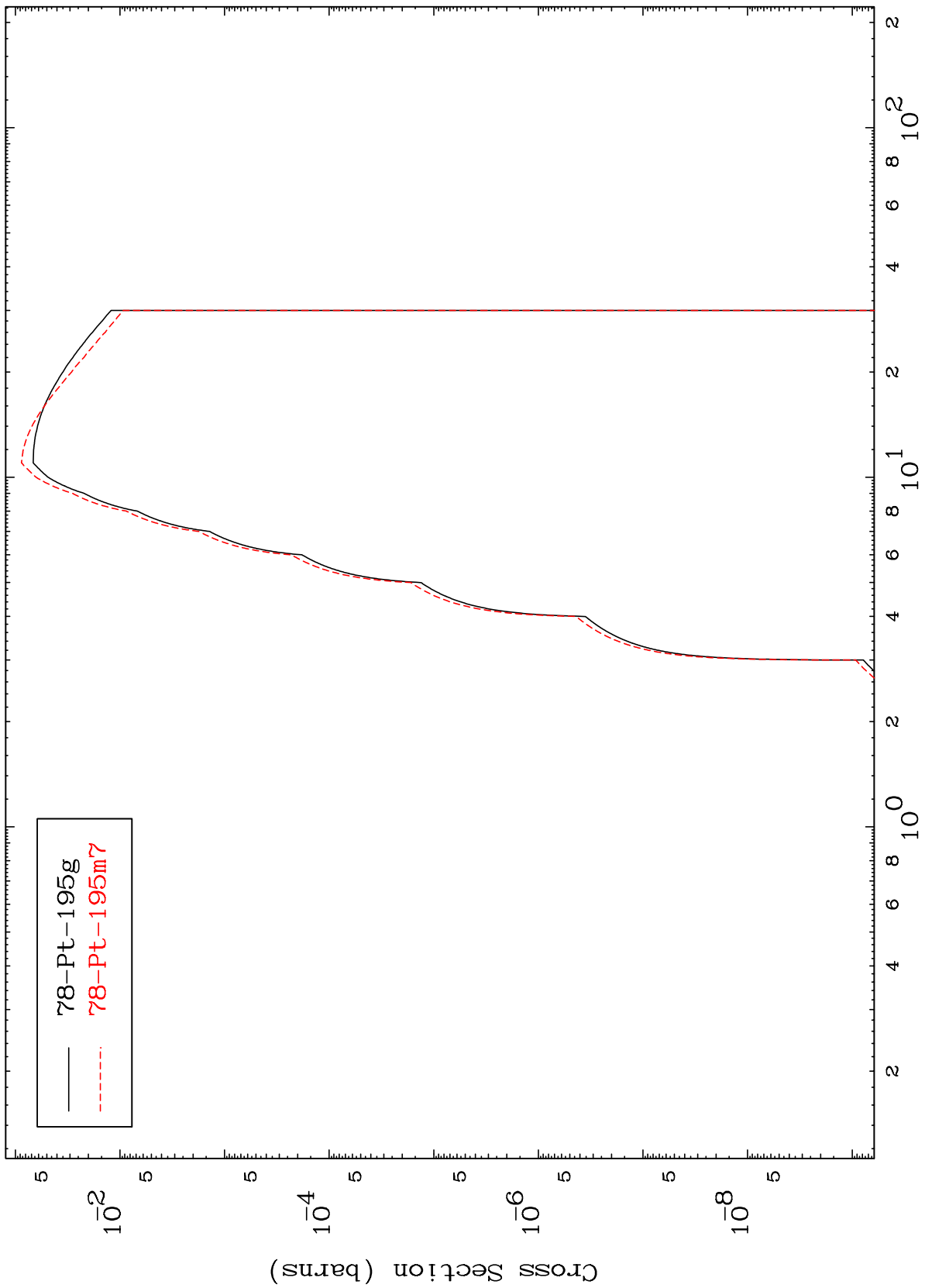
Incident Energy (MeV)

24

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78-Pt-194

(n,p)
Radionuclide Production Cross Section



78-Pt-195g
78-Pt-195m7

78-Pt-194

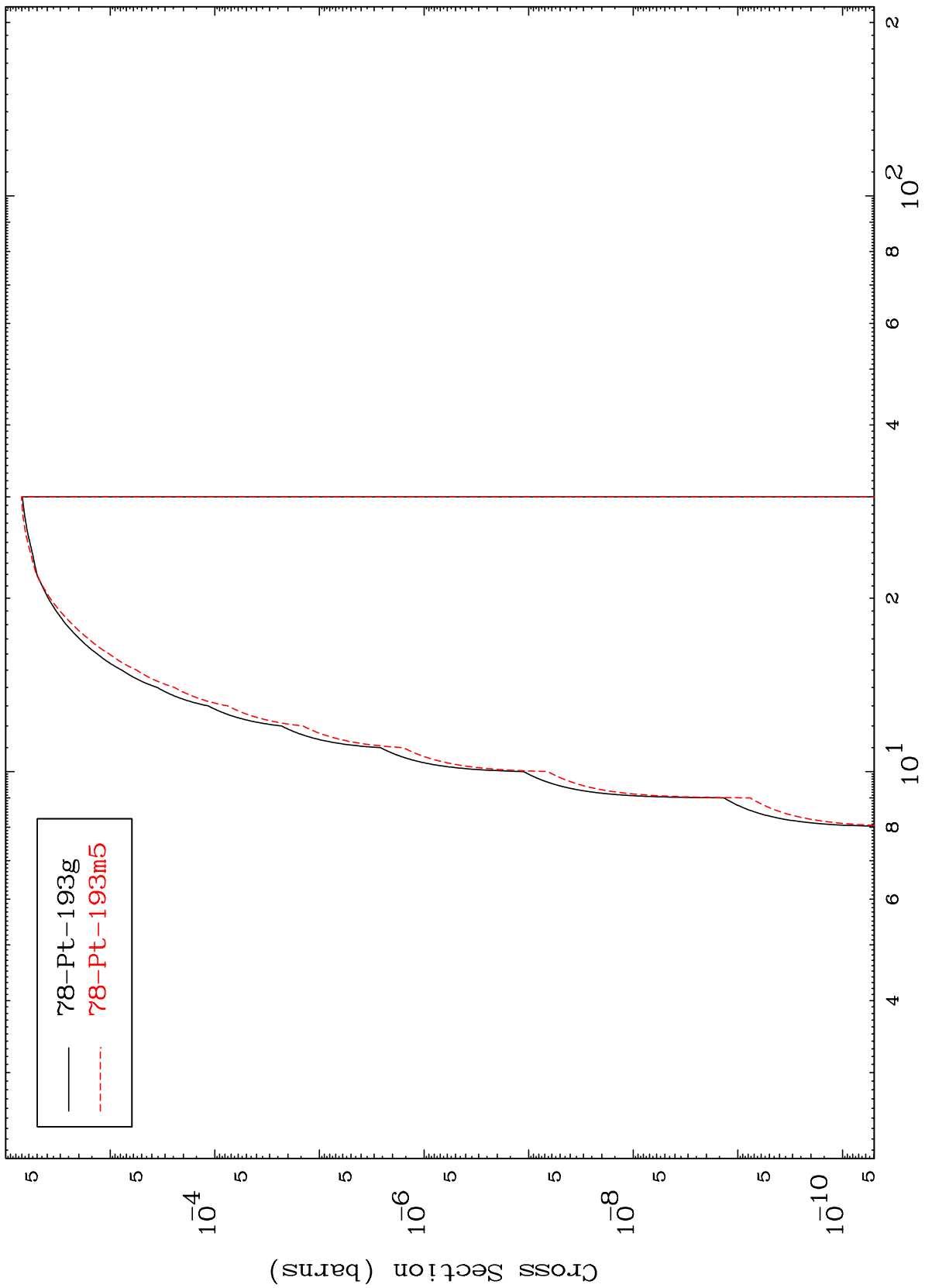
Incident Energy (MeV)

25

MAT 7837

78-Pt-194

Radionuclide Production Cross Section



78-Pt-193g
78-Pt-193m5

Incident Energy (MeV)

78-Pt-194

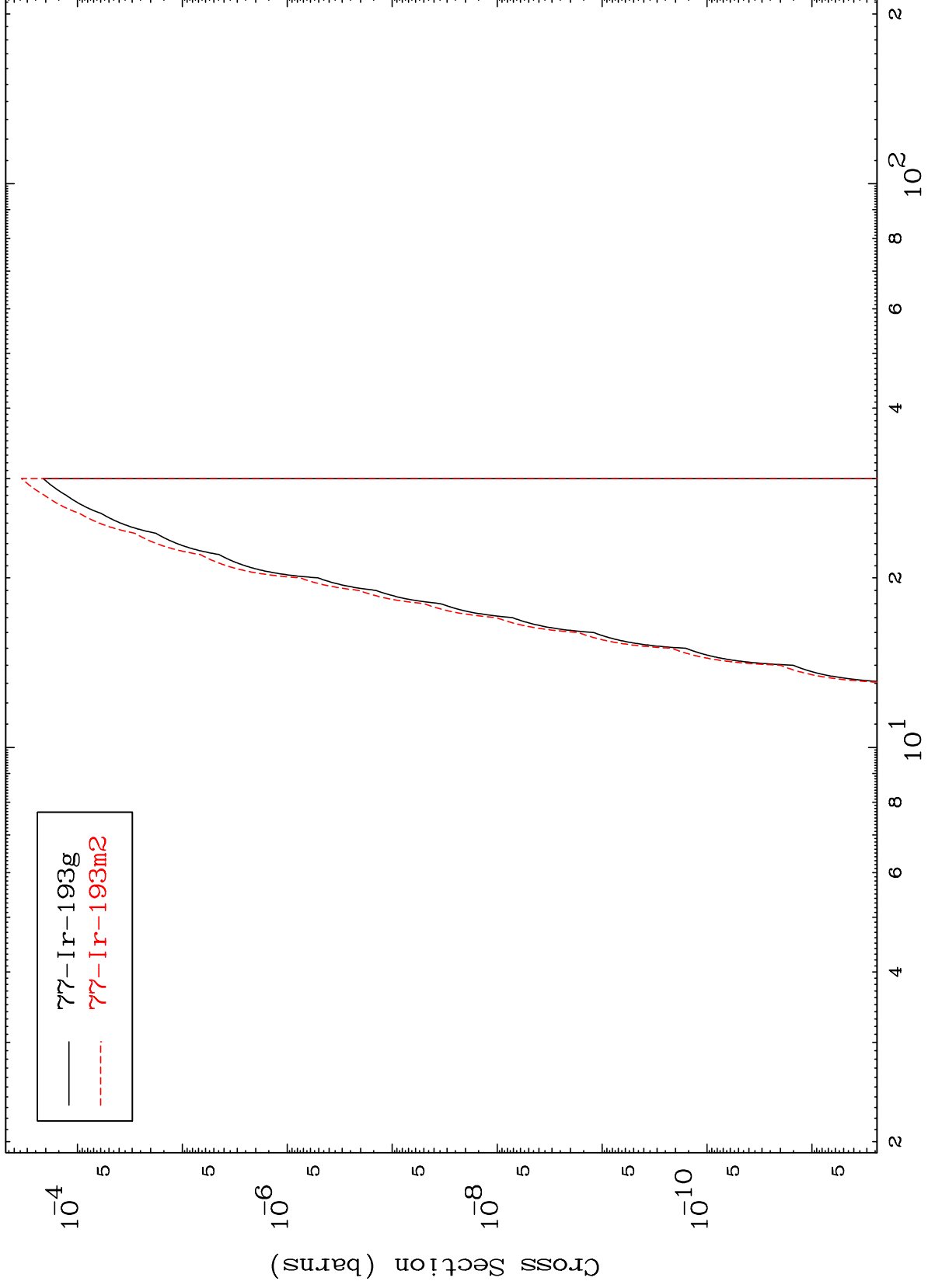
26

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(n,He-3)

78-Pt-194

Radionuclide Production Cross Section



27

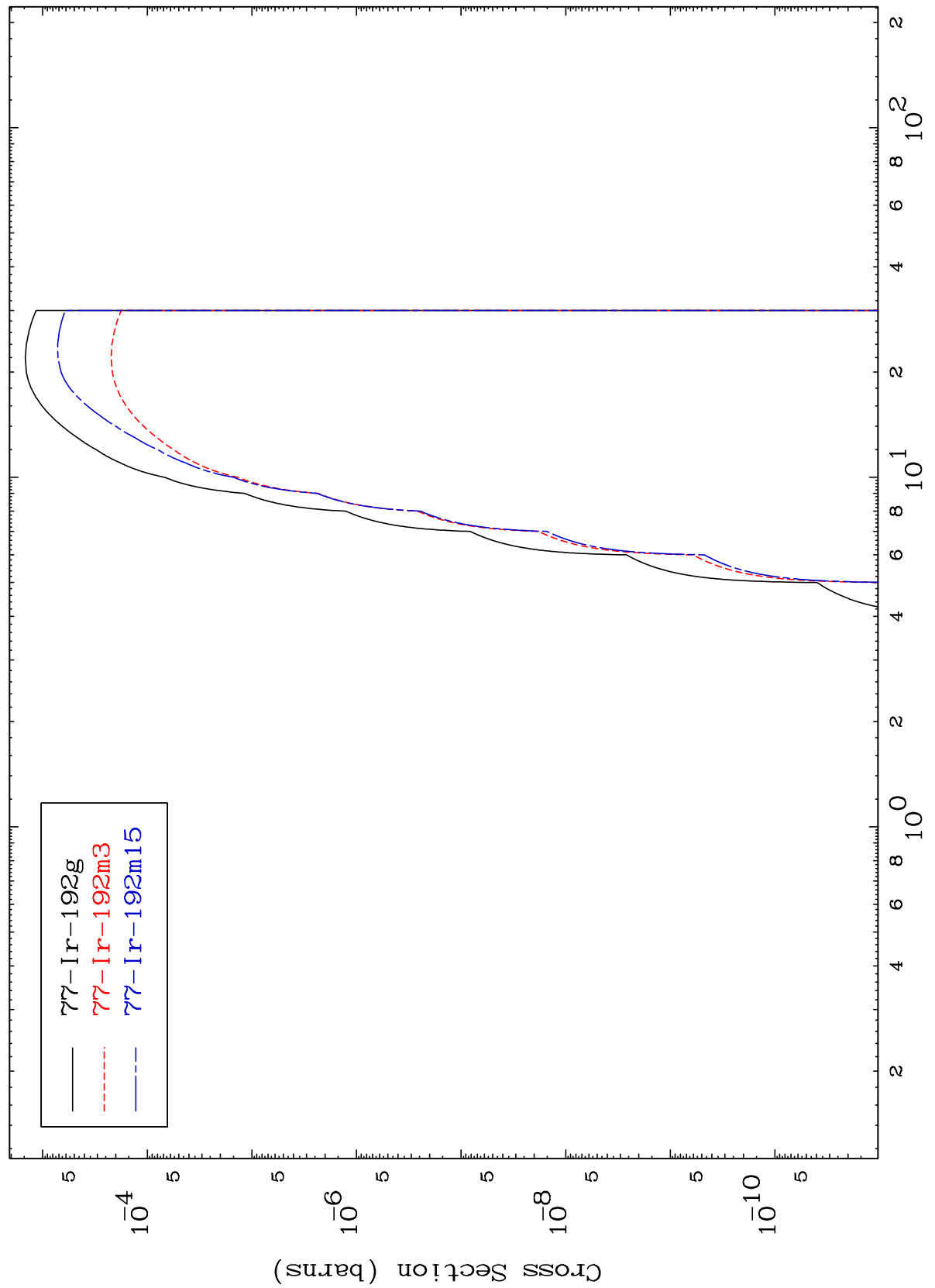
Incident Energy (MeV)

78-Pt-194

MAT 7837

78-Pt-194

Radionuclide Production Cross Section
(n, α)



78-Pt-194

Incident Energy (MeV)

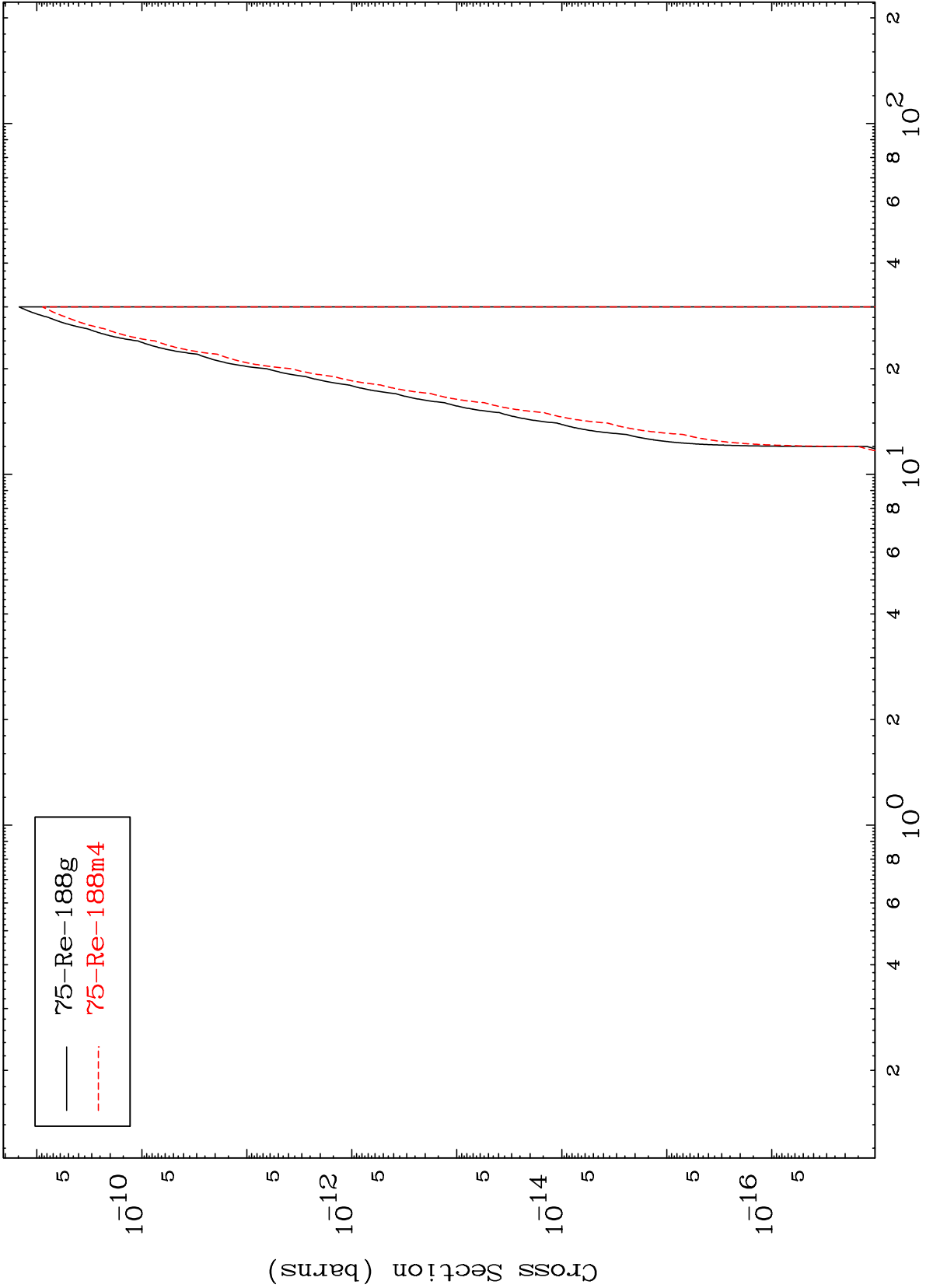
28

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(n,2α)

78-Pt-194

Radionuclide Production Cross Section

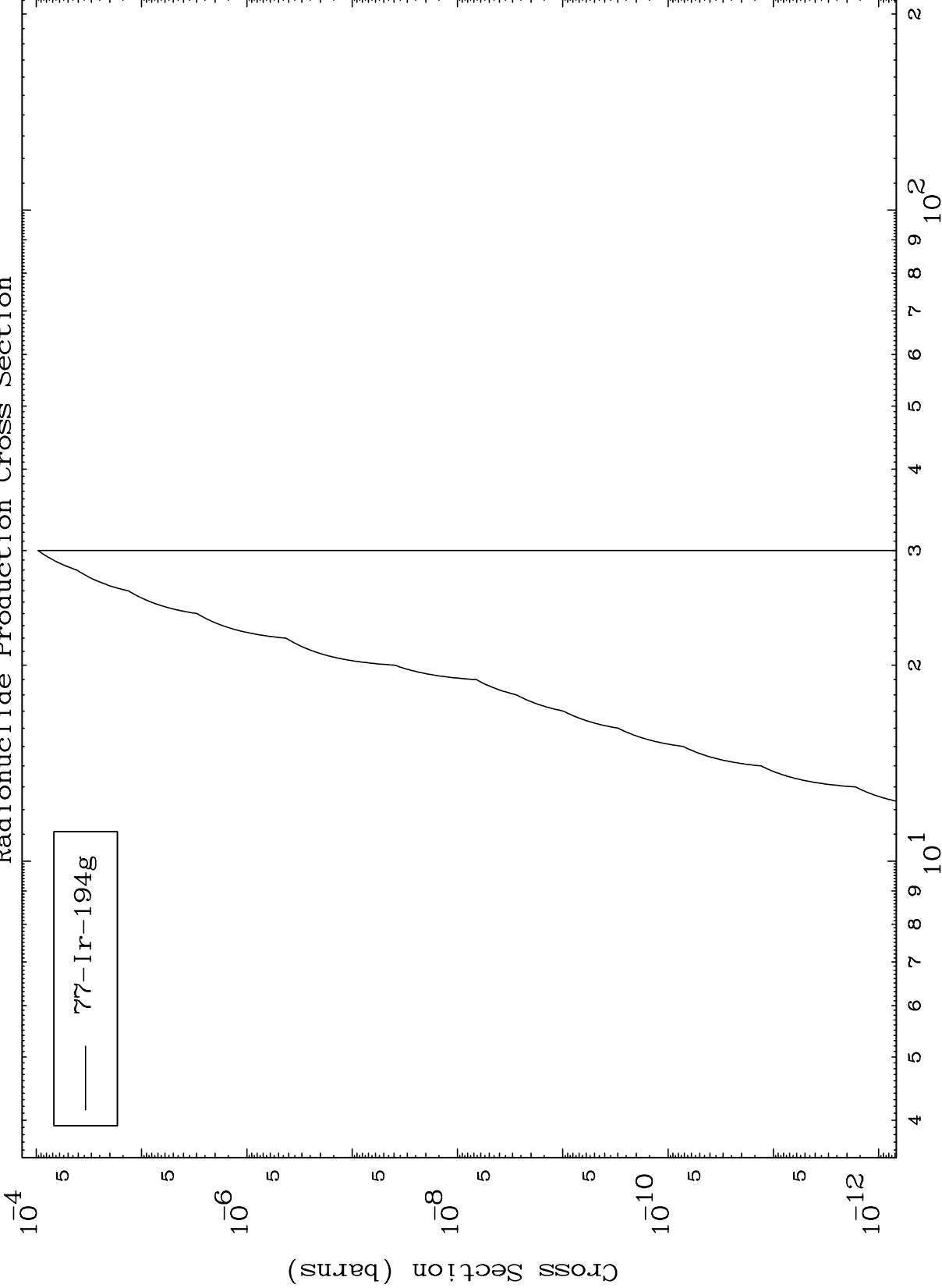


75-Re-188g
75-Re-188m4

MAT 7837

78-Pt-194

(n,2p)
Radionuclide Production Cross Section



30

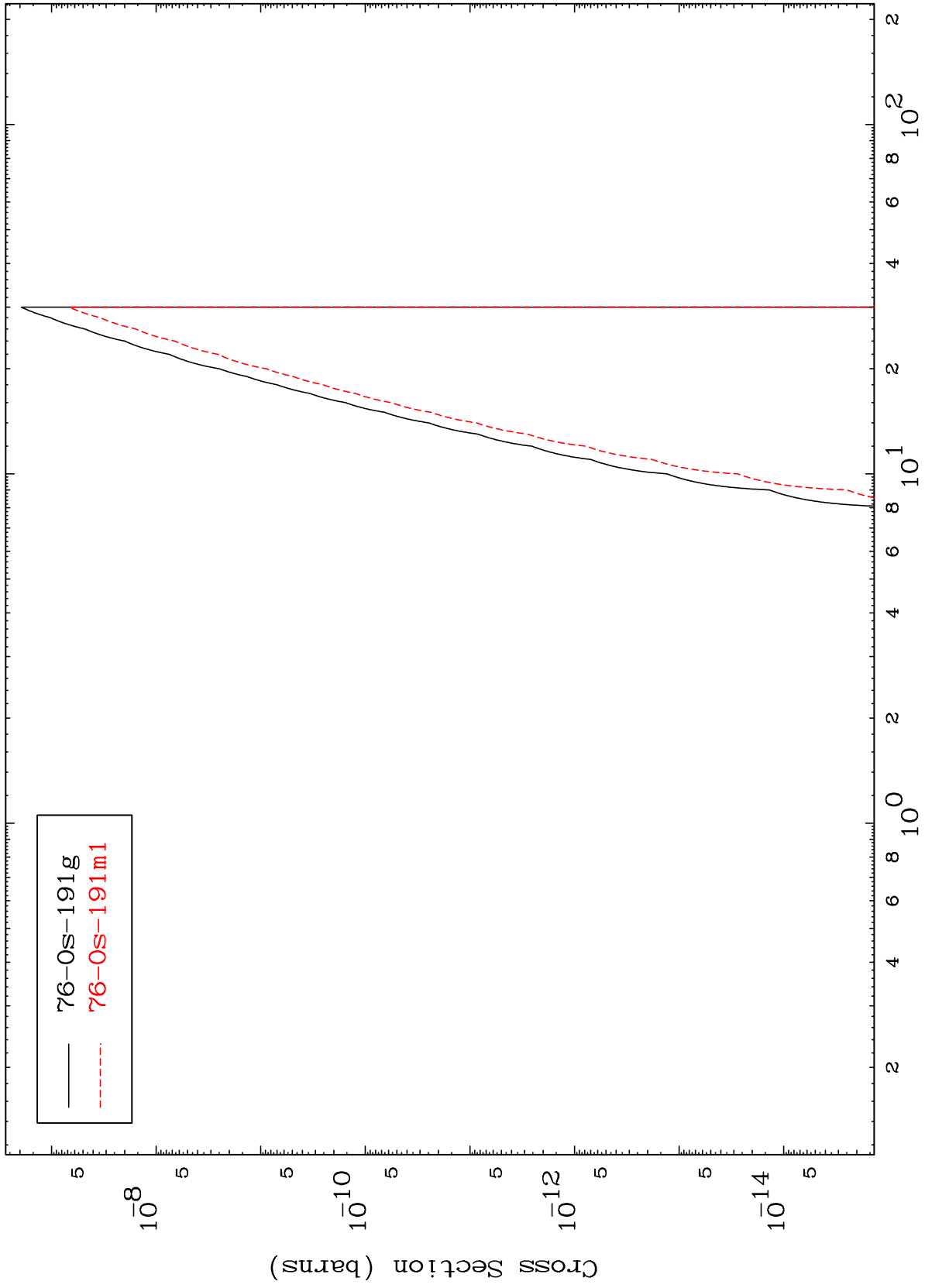
78-Pt-194

MAT 7837

(n,p) α

78-Pt-194

Radionuclide Production Cross Section

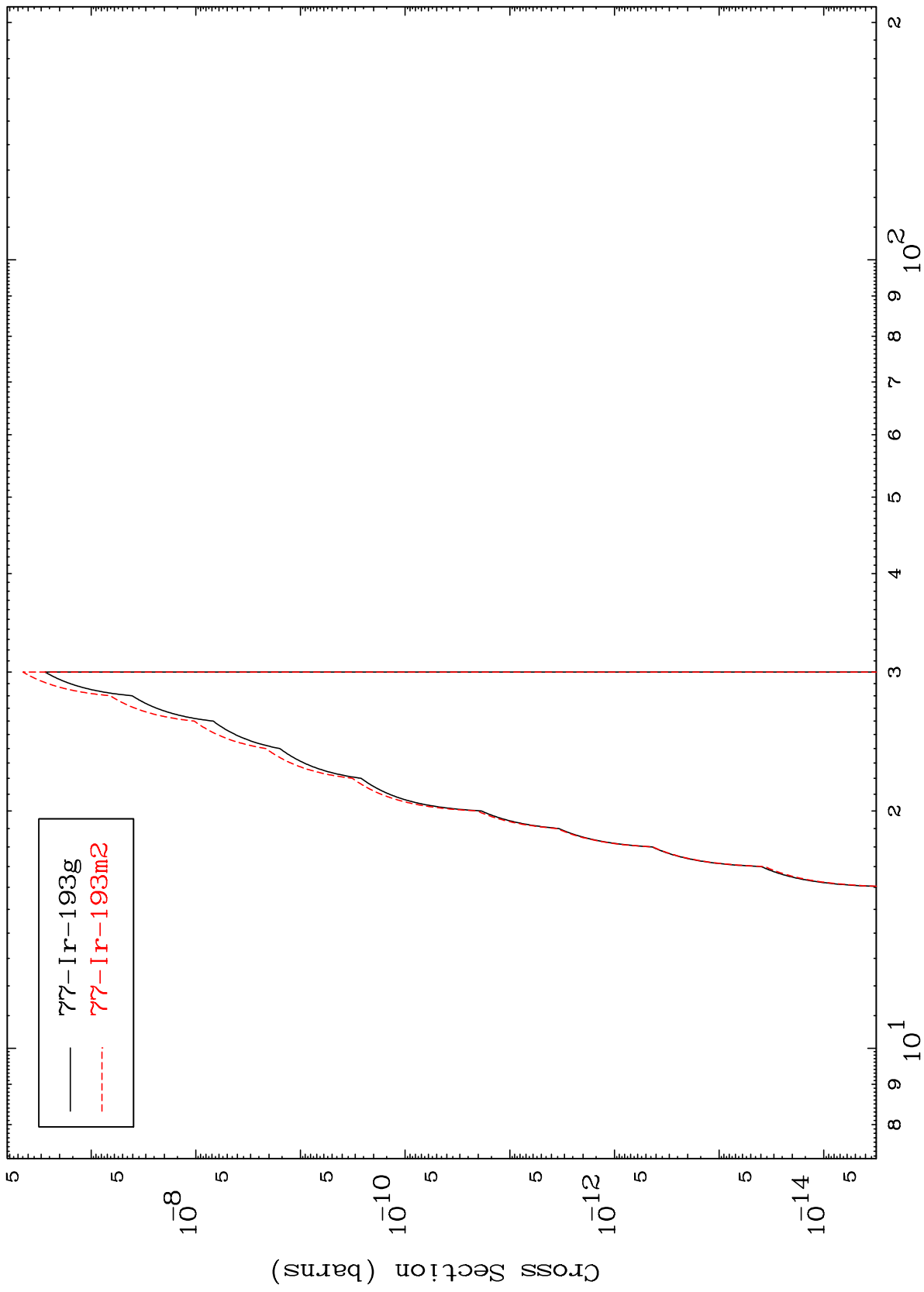


MAT 7837

(n,p) d

78-Pt-194

Radionuclide Production Cross Section



32

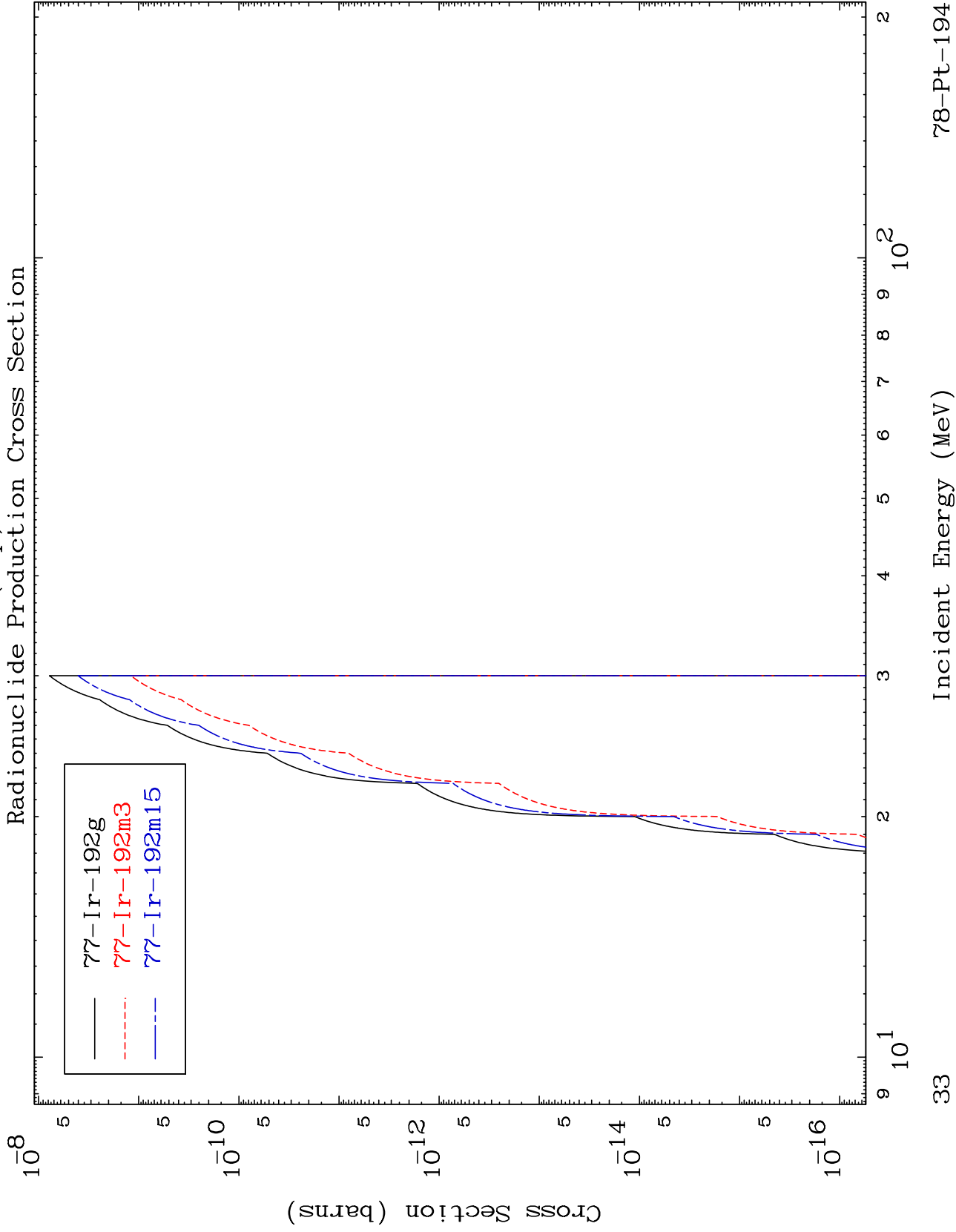
Incident Energy (MeV)

78-Pt-194

MAT 7837

(n,p) t

78-Pt-194



33

Incident Energy (MeV)

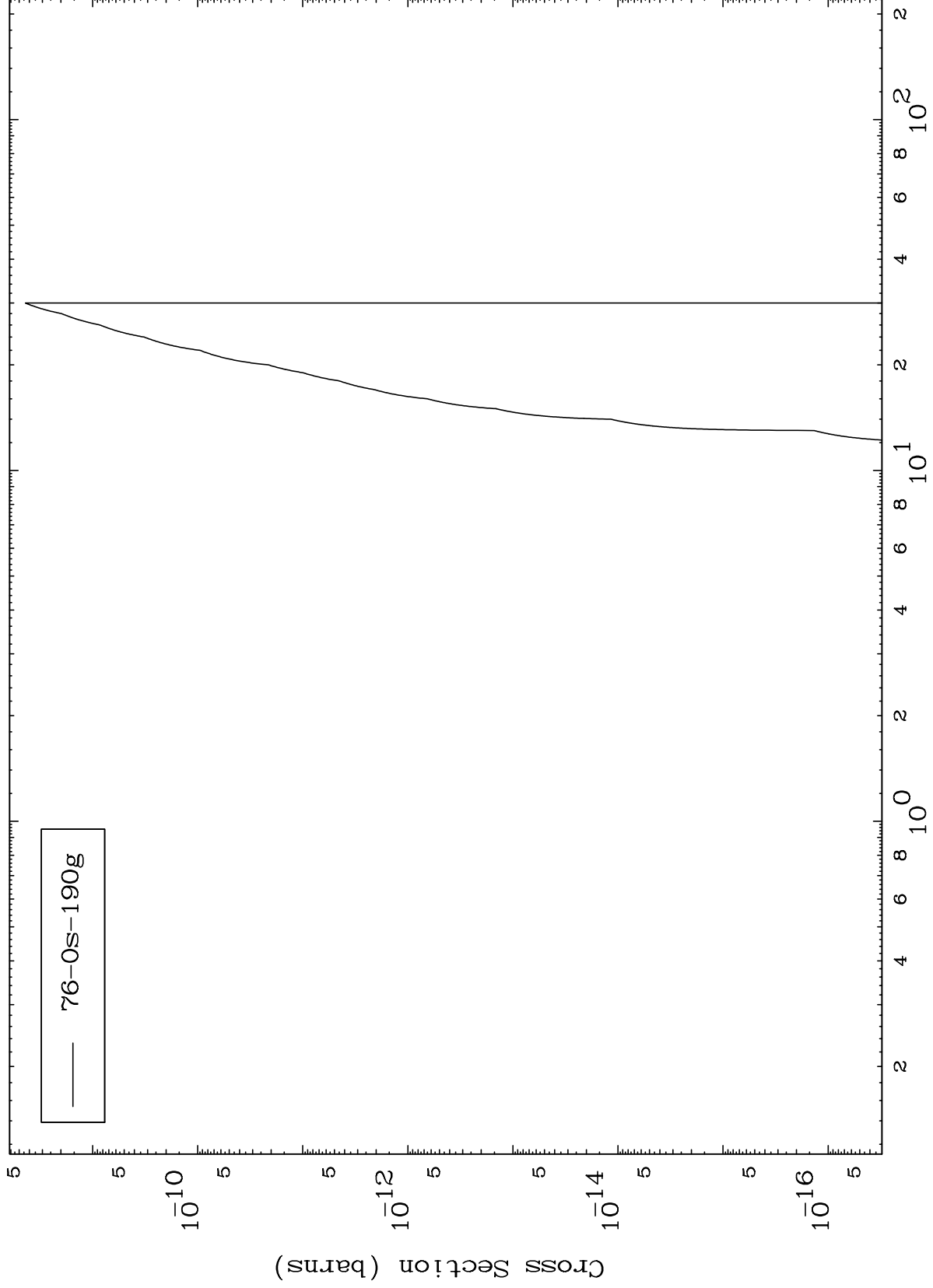
78-Pt-194

MAT 7837

(n,d) α

78-Pt-194

Radionuclide Production Cross Section



34

Incident Energy (MeV)

78-Pt-194