

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

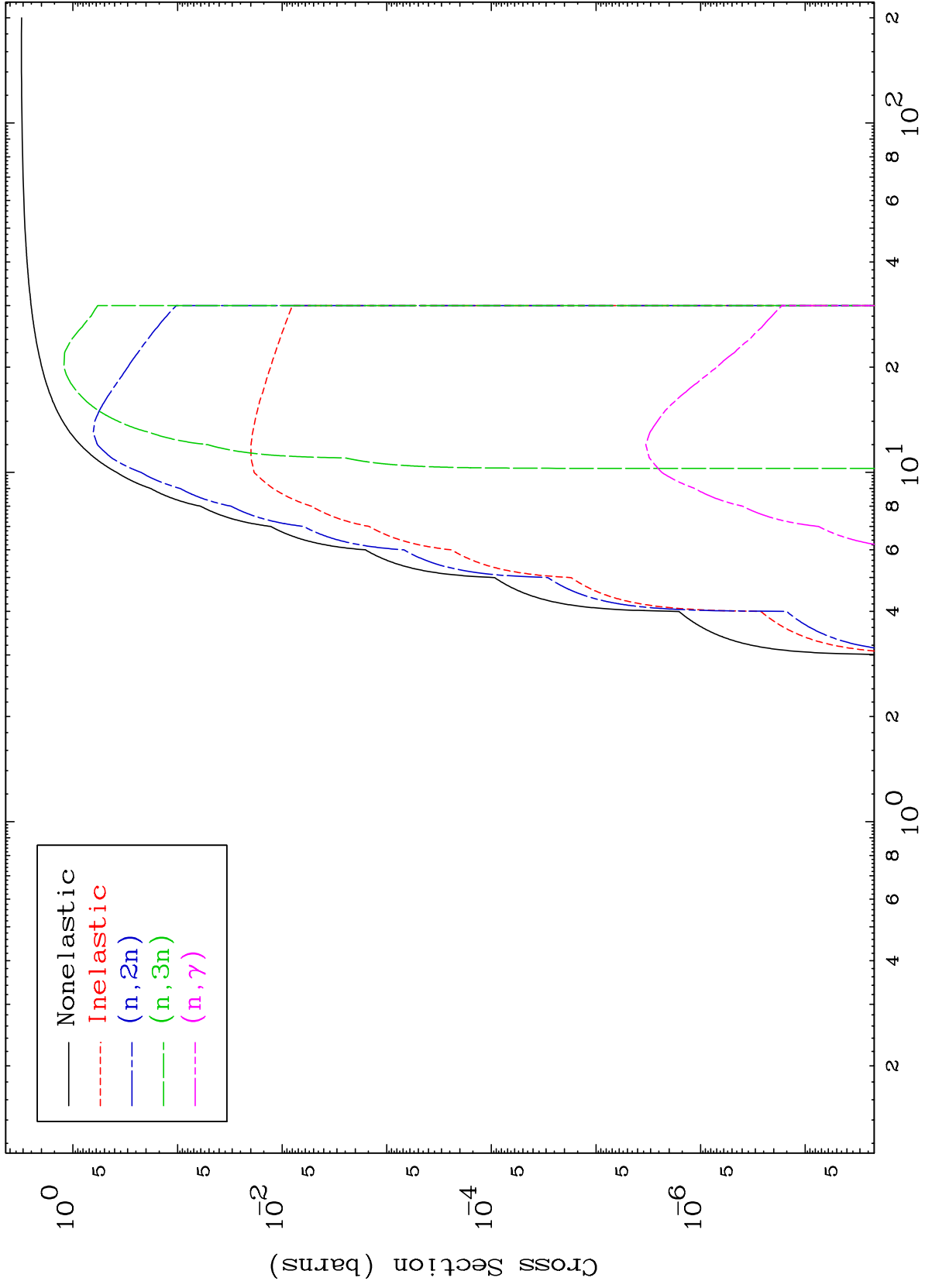
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Web:redcullen1.net/HOMEPAGE.NEW

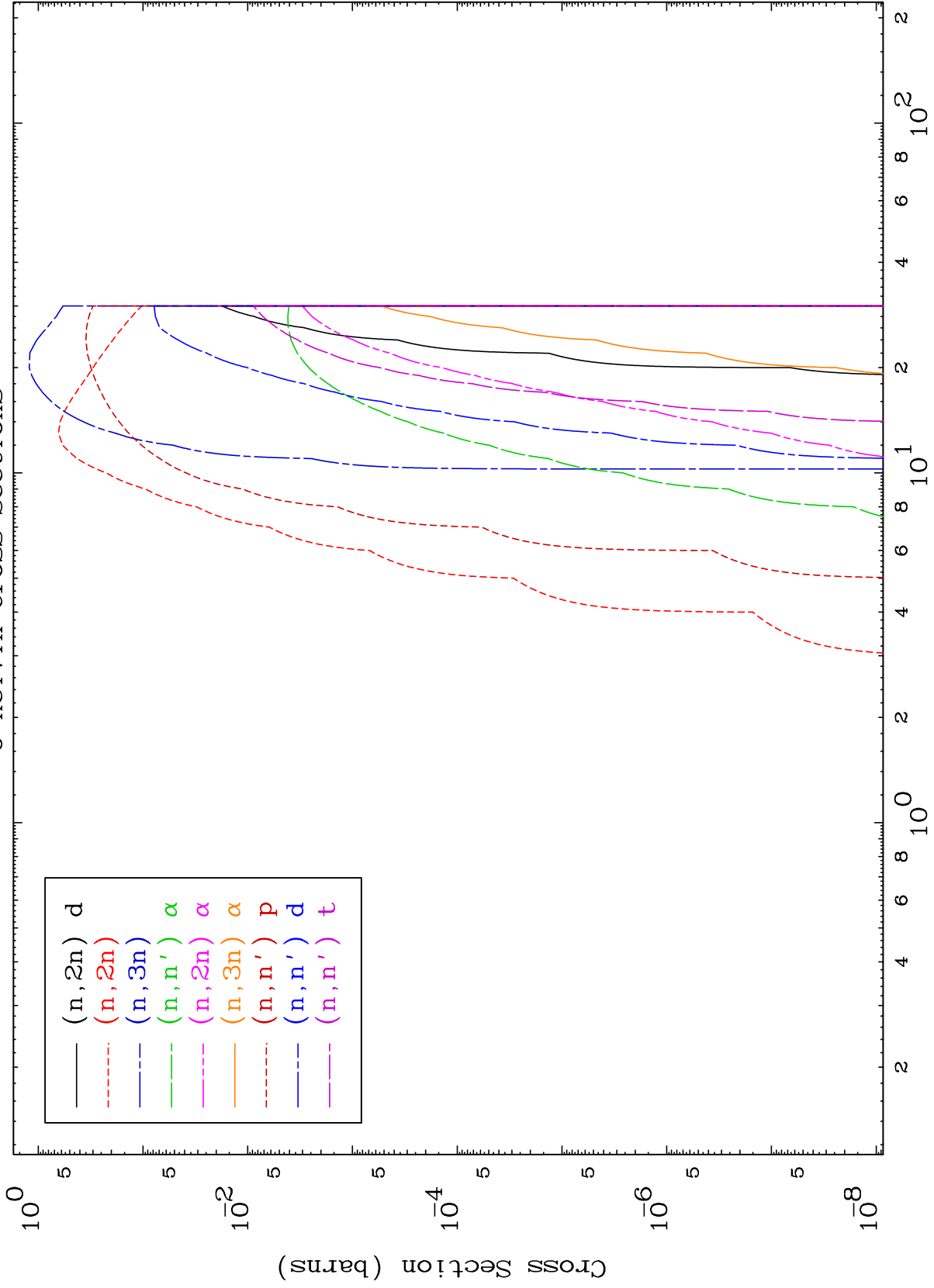
Press Mouse Button to Start



MAT 7729

Deuteron Neutron Absorption
0 Kelvin Cross Sections

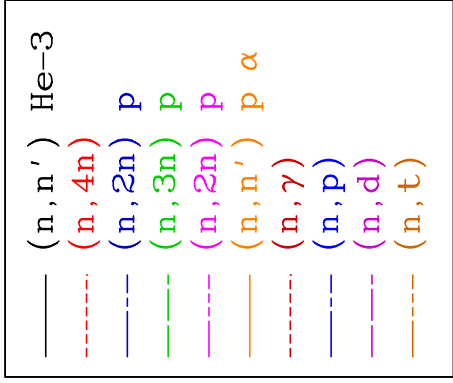
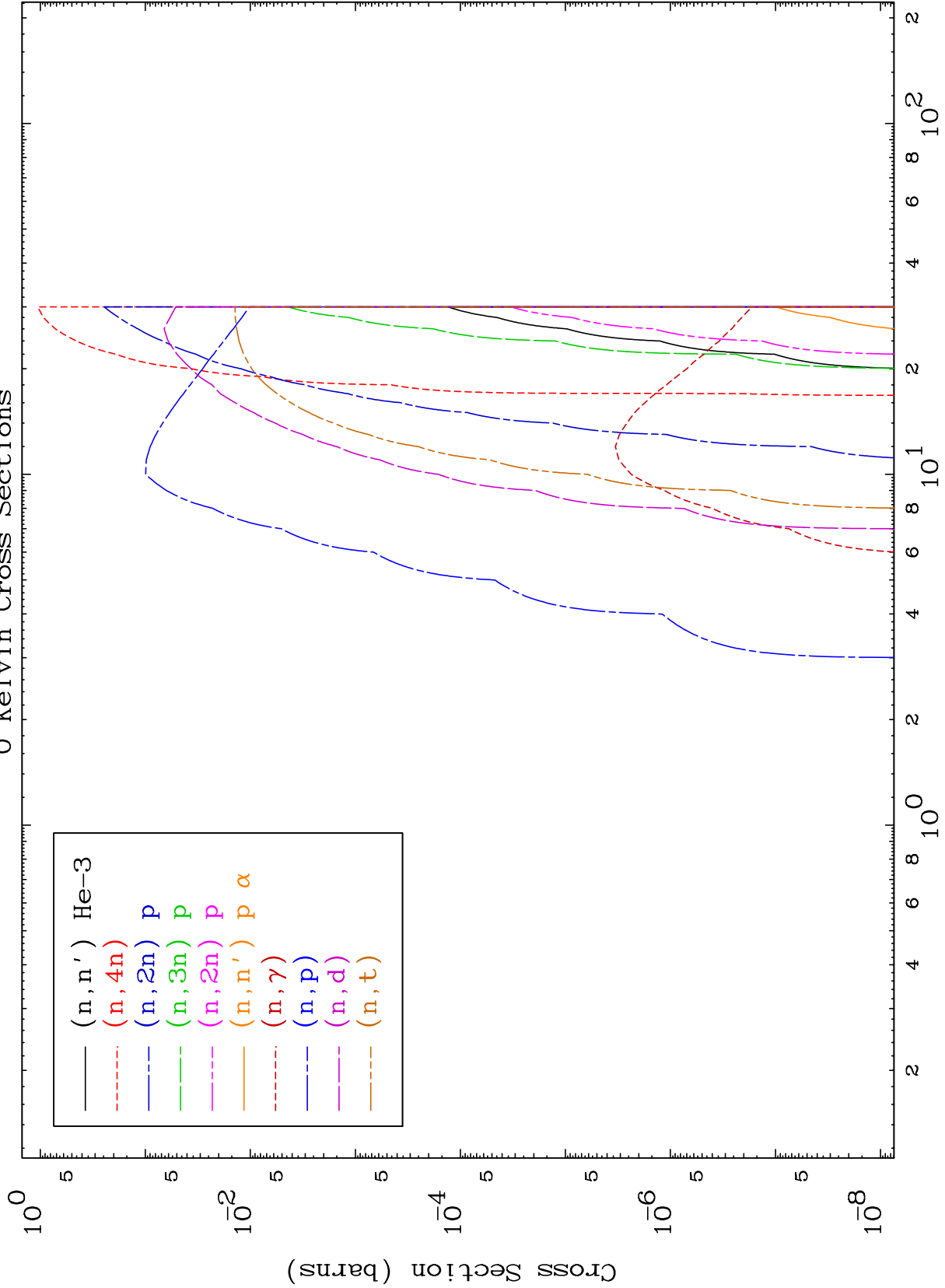
77-Ir-192m



MAT 7729

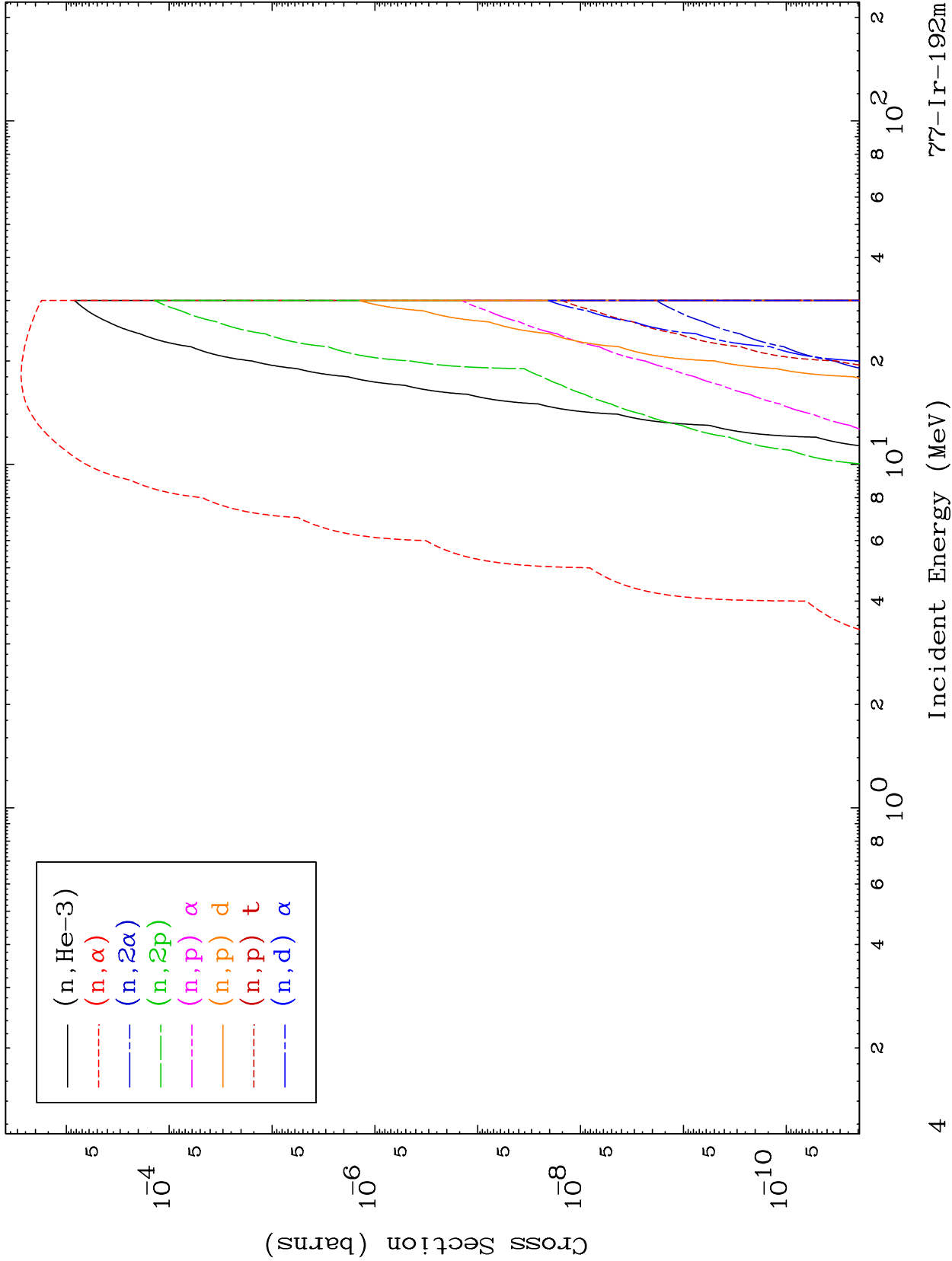
Deuteron Neutron Absorption
0 Kelvin Cross Sections

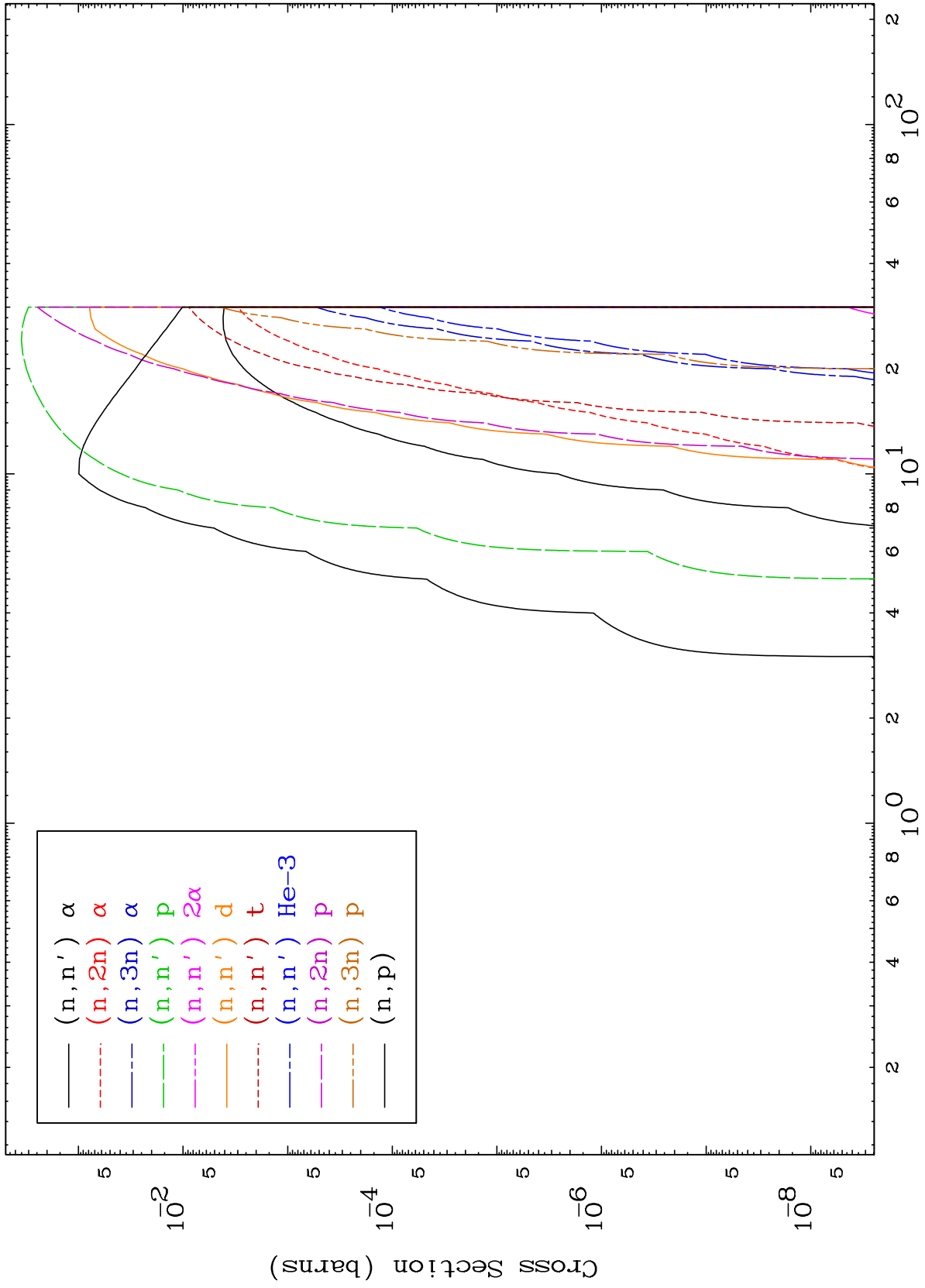
77-Ir-192m

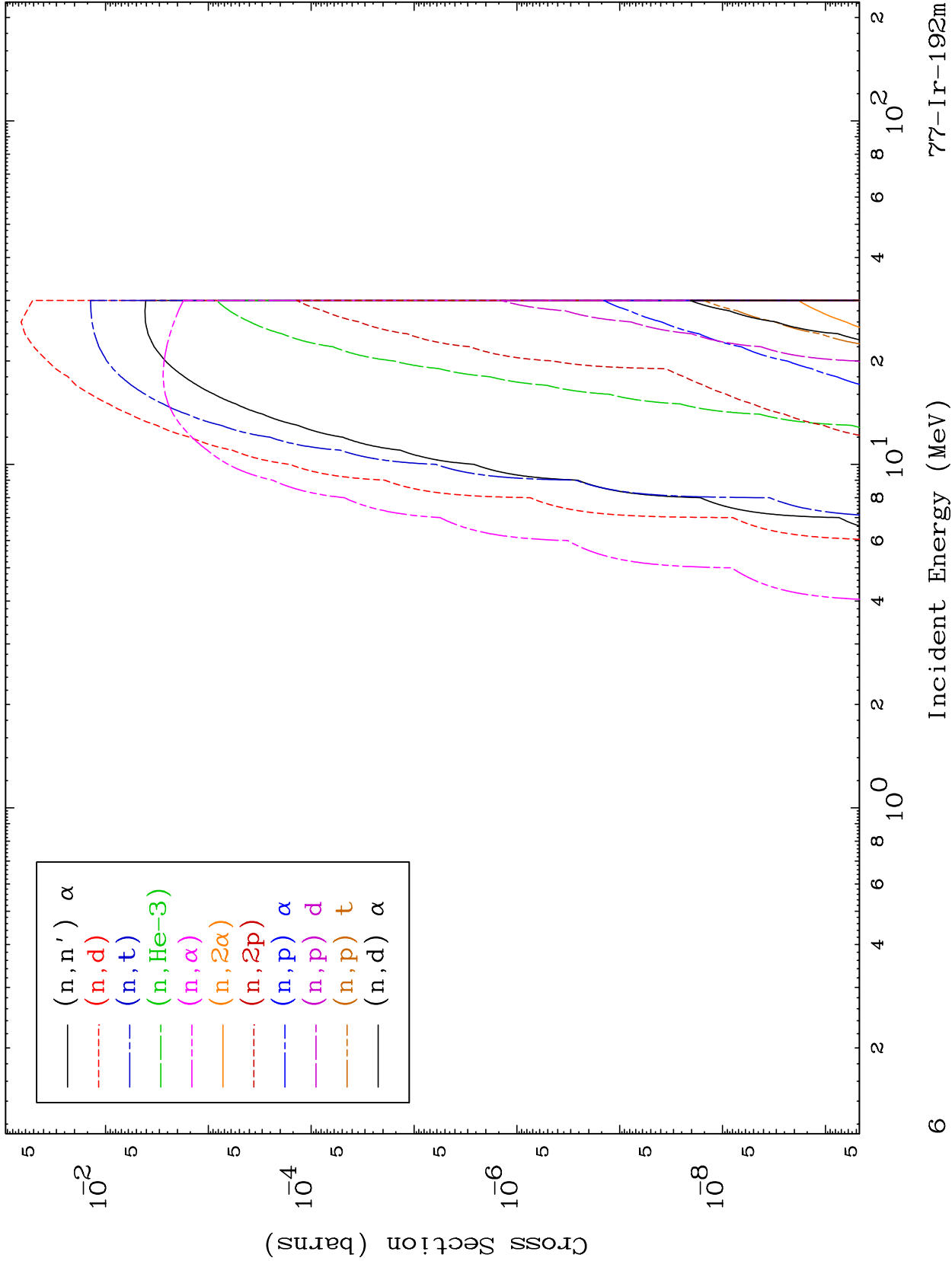


77-Ir-192m

Incident Energy (MeV)





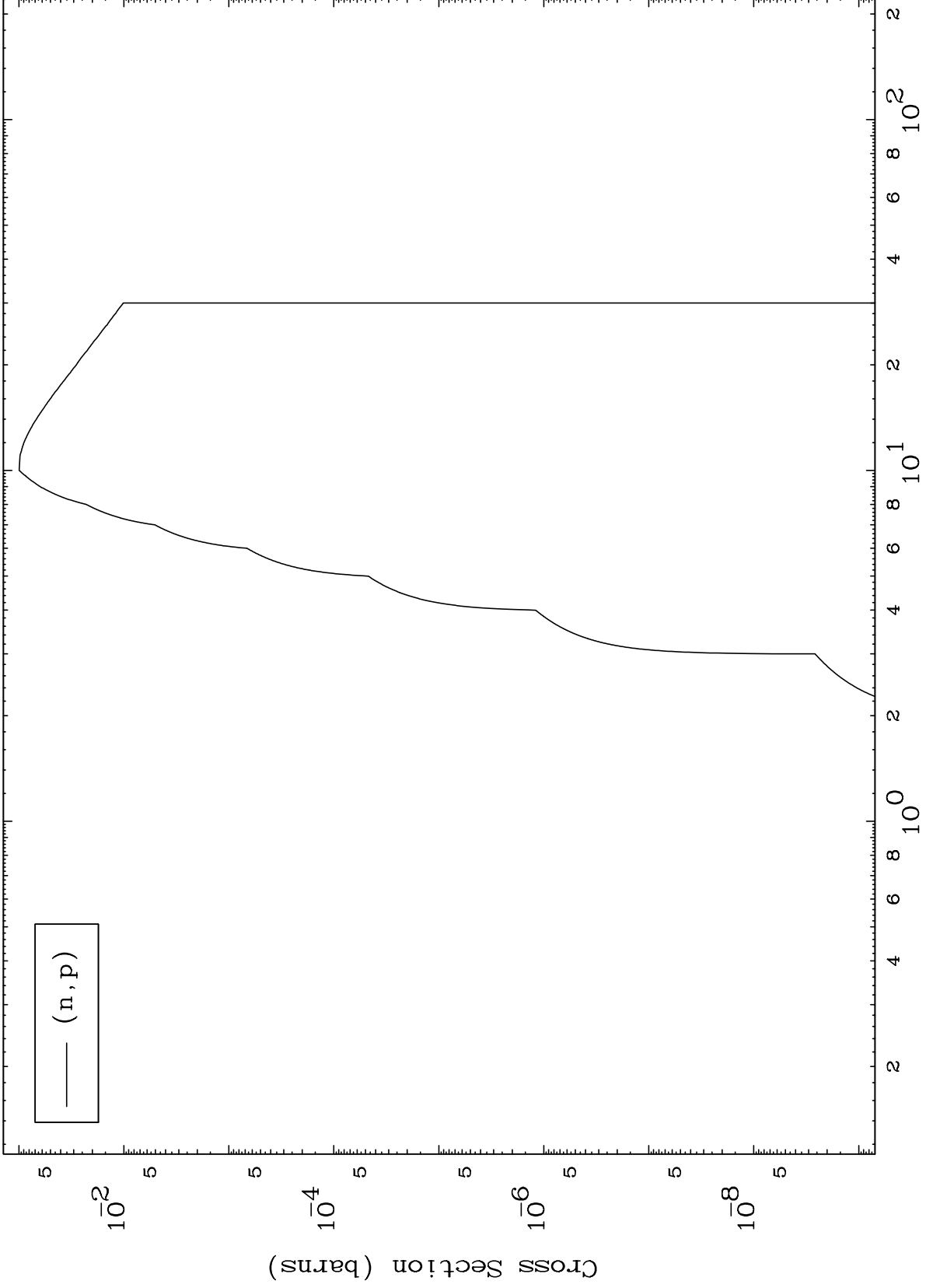


MAT 7729

(d,p) Levels

77-Ir-192m

0 Kelvin Cross Sections

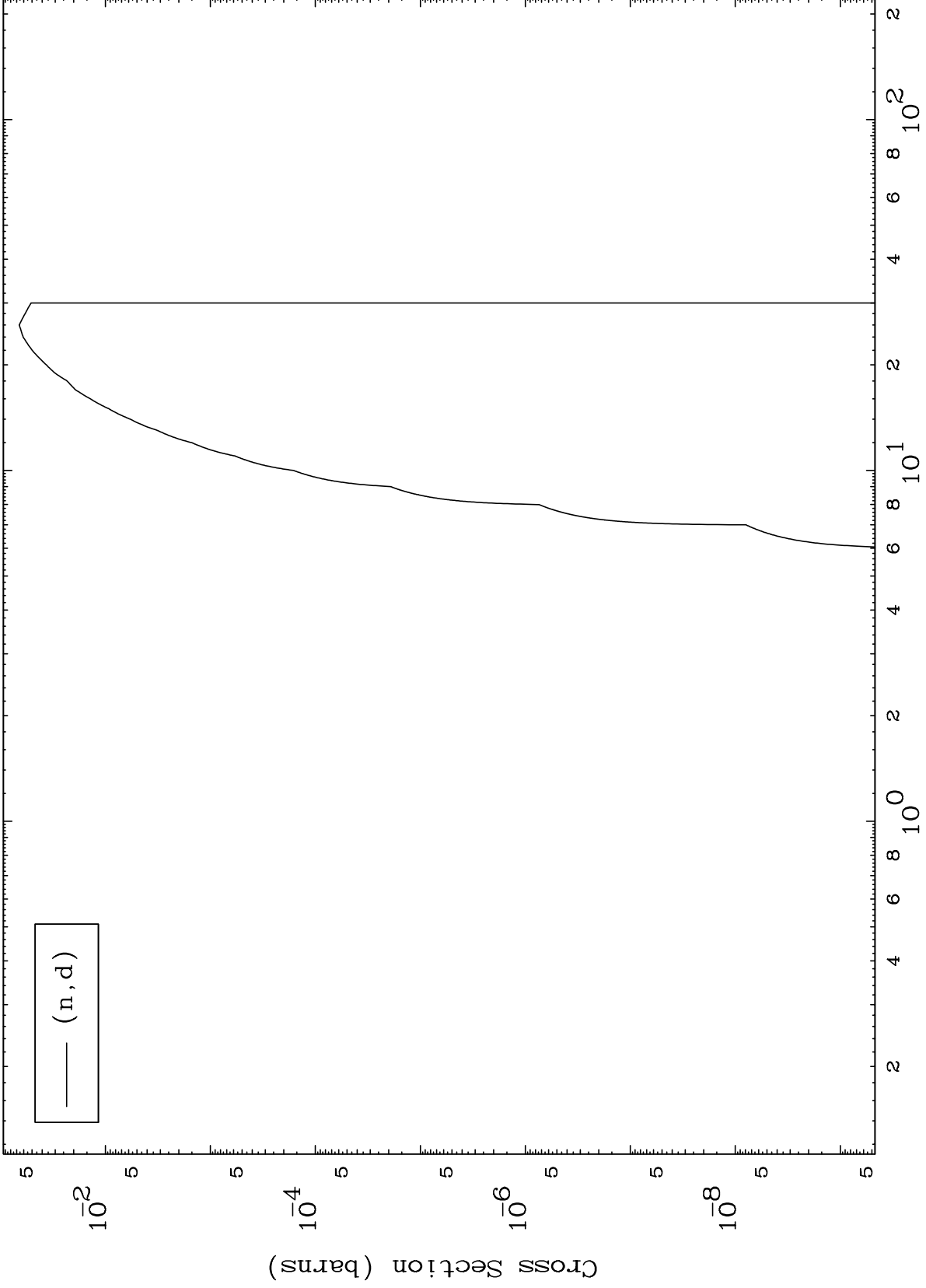


MAT 7729

(d,d) Levels

77-Ir-192m

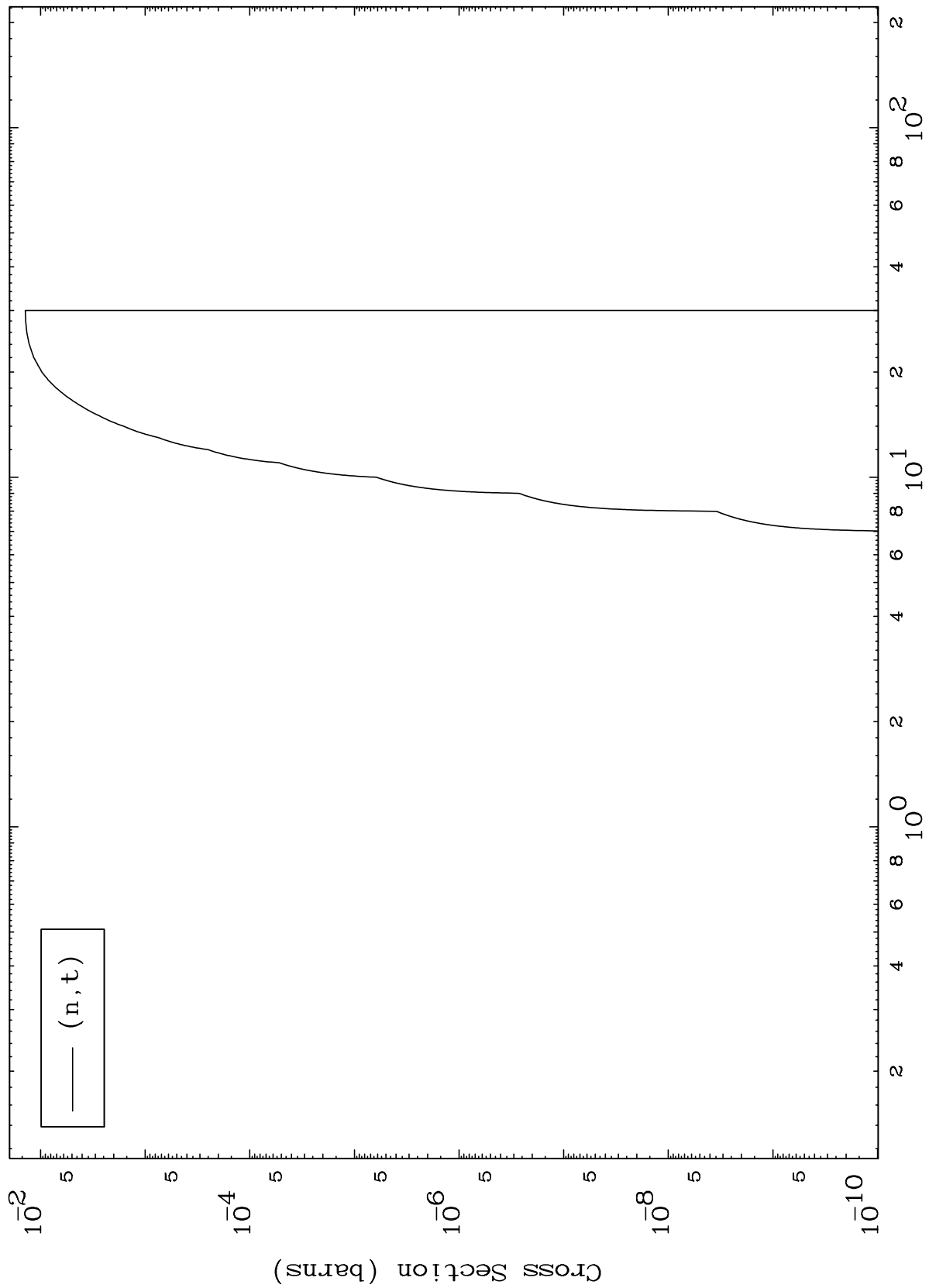
0 Kelvin Cross Sections



MAT 7729

77-Ir-192m

(d,t) Levels
0 Kelvin Cross Sections

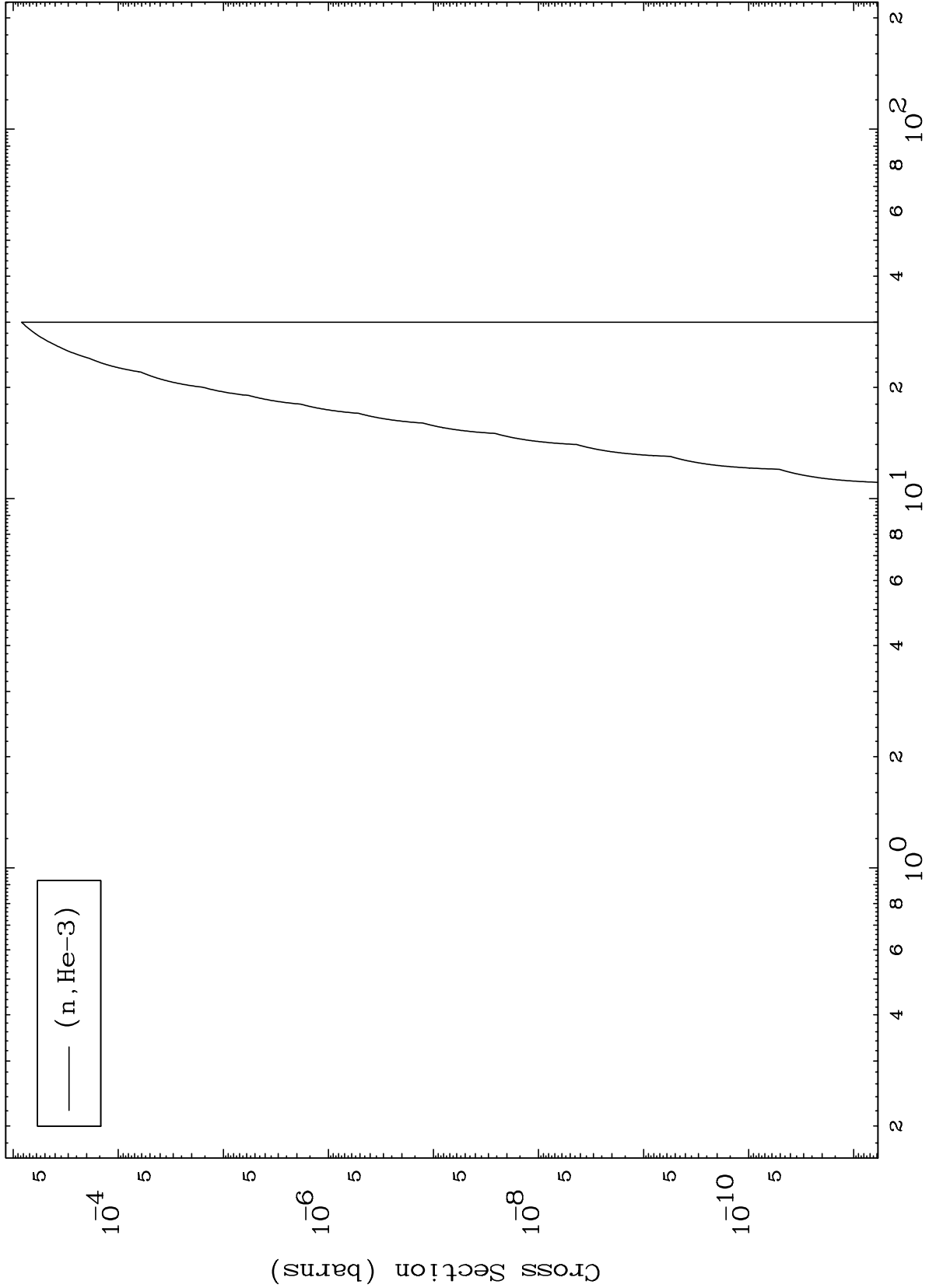


MAT 7729

(d,He3) Levels

77-Ir-192m

0 Kelvin Cross Sections



10

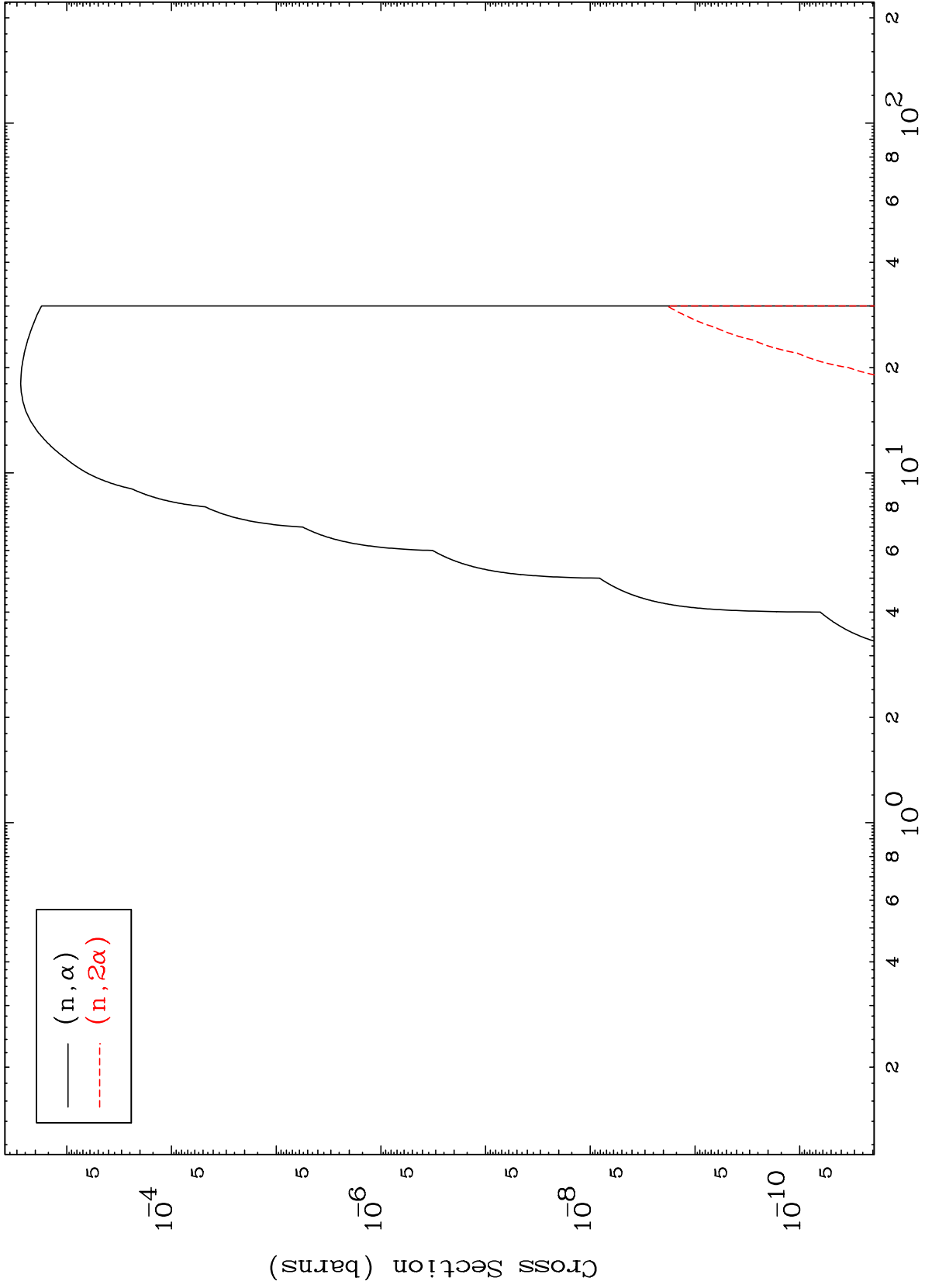
Incident Energy (MeV)

77-Ir-192m

MAT 7729

(d, α) Levels
0 Kelvin Cross Sections

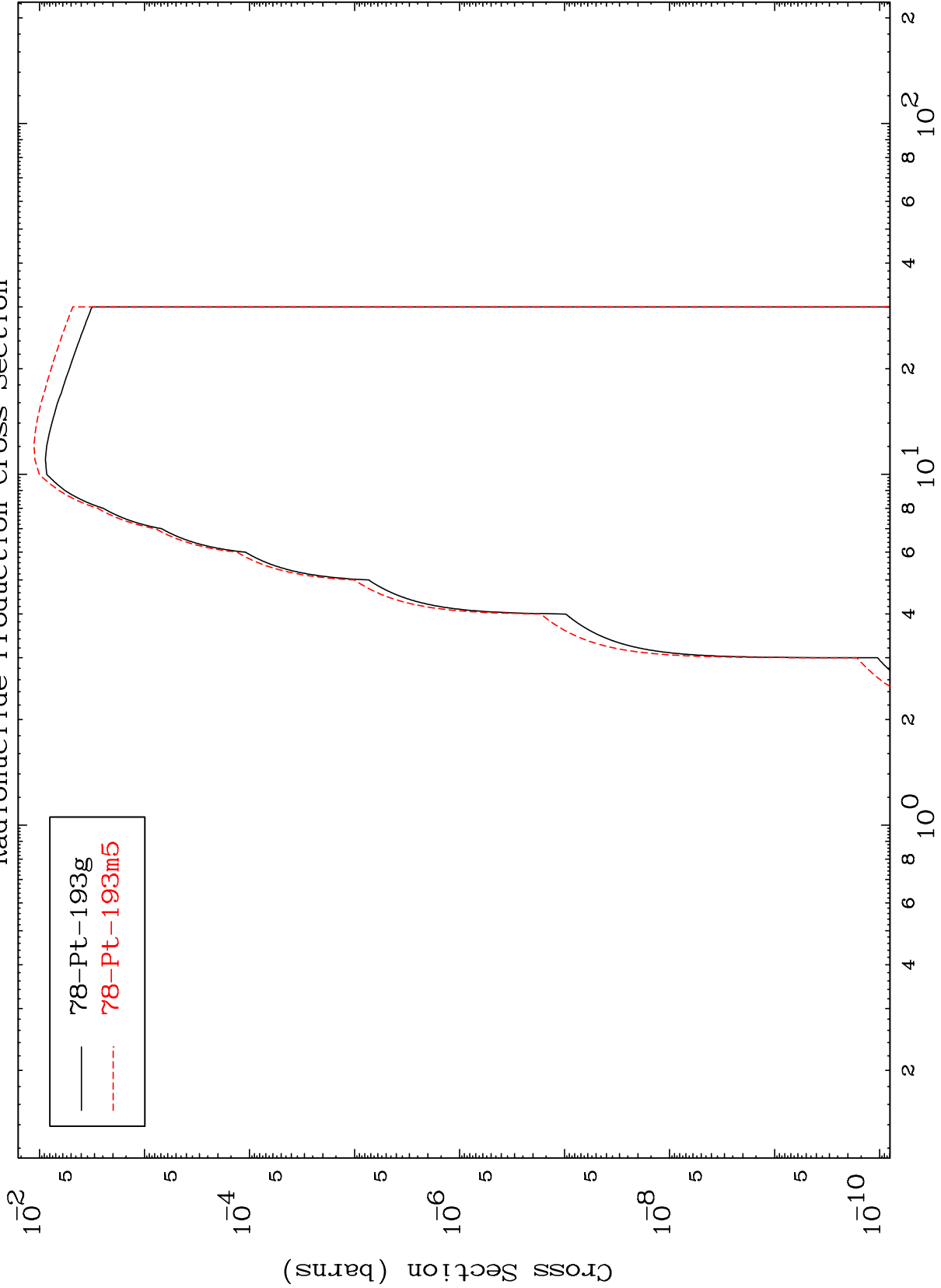
77-Ir-192m



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77-Ir-192m

Inelastic
Radionuclide Production Cross Section



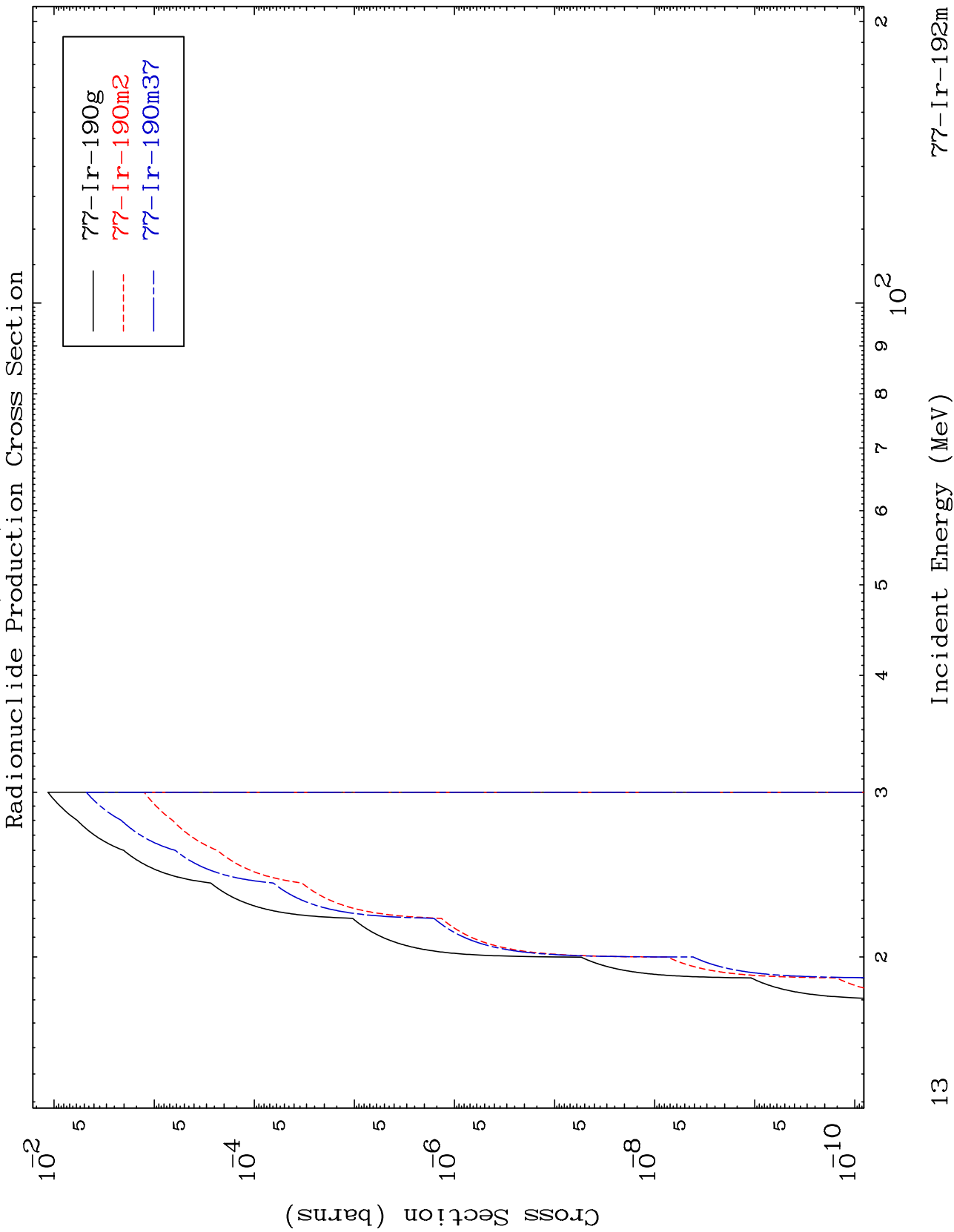
77-Ir-192m

Incident Energy (MeV)

MAT 7729

(n,2n) d

77-Ir-192m



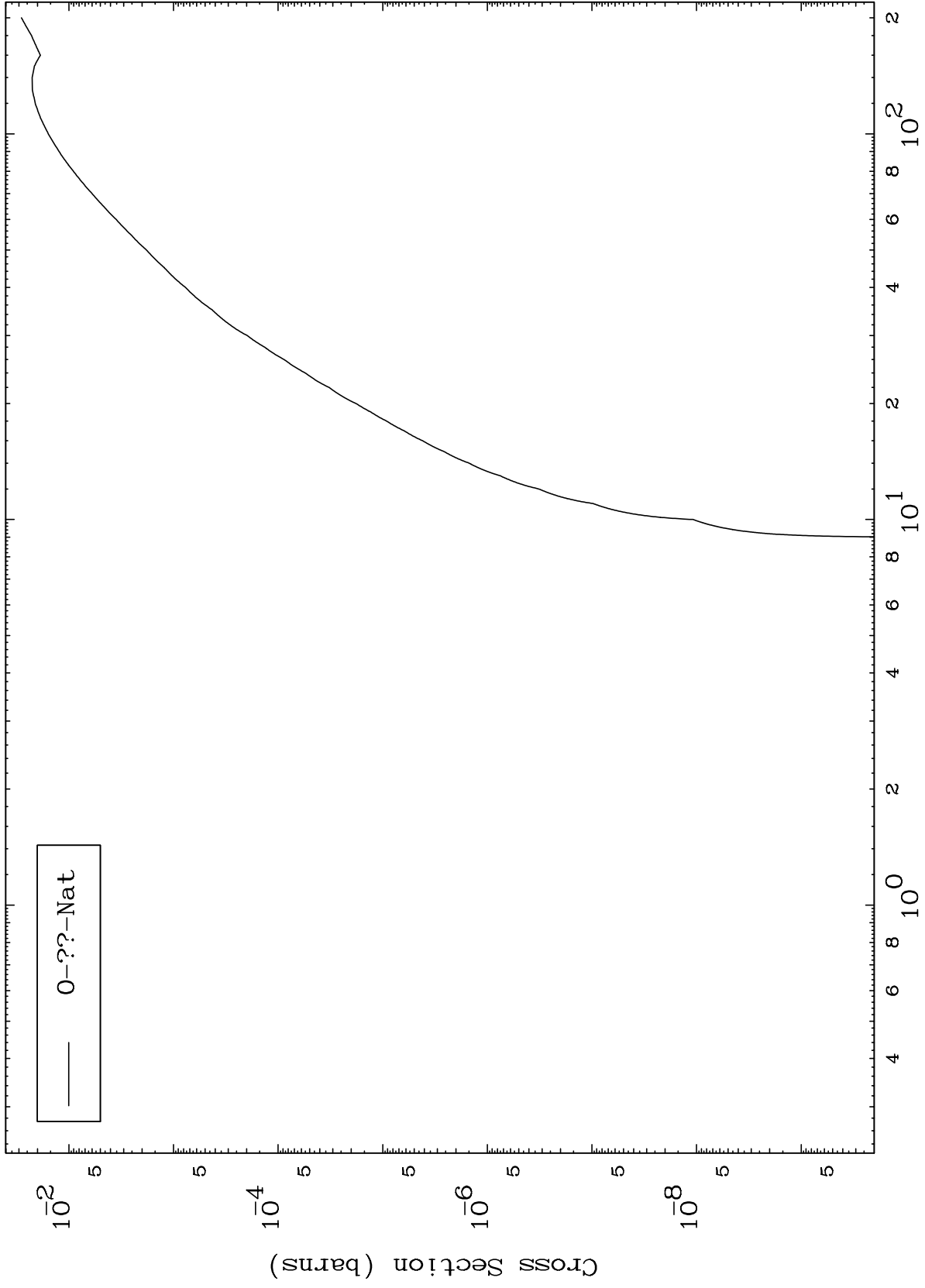
13

77-Ir-192m

MAT 7729

Fission
Radionuclide Production Cross Section

77-Ir-192m



14

Incident Energy (MeV)

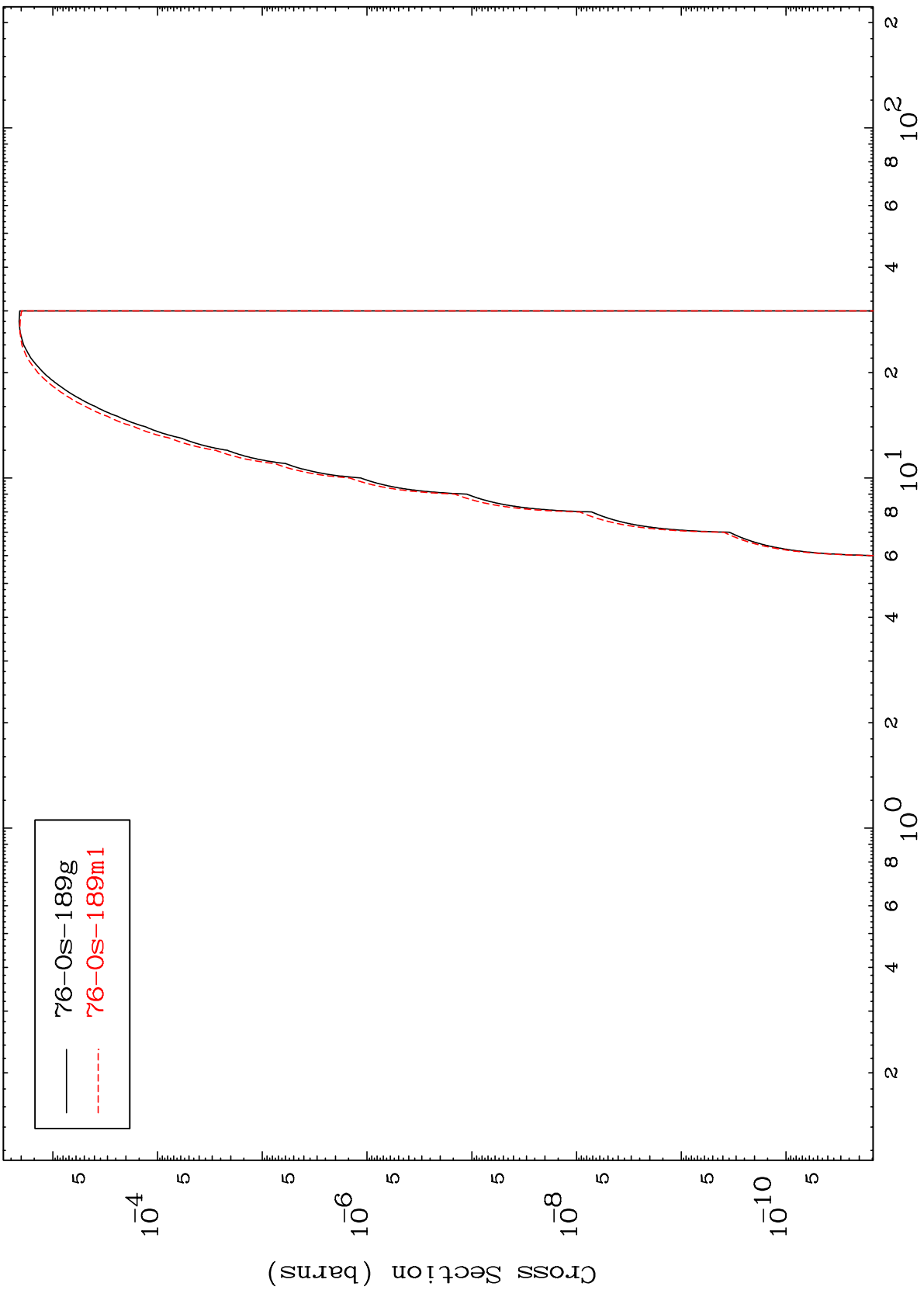
77-Ir-192m

MAT 7729

$(n, n') \alpha$

77-Ir-192m

Radionuclide Production Cross Section

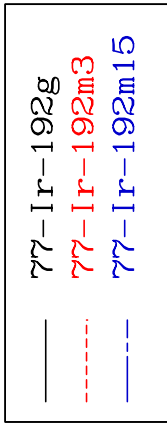
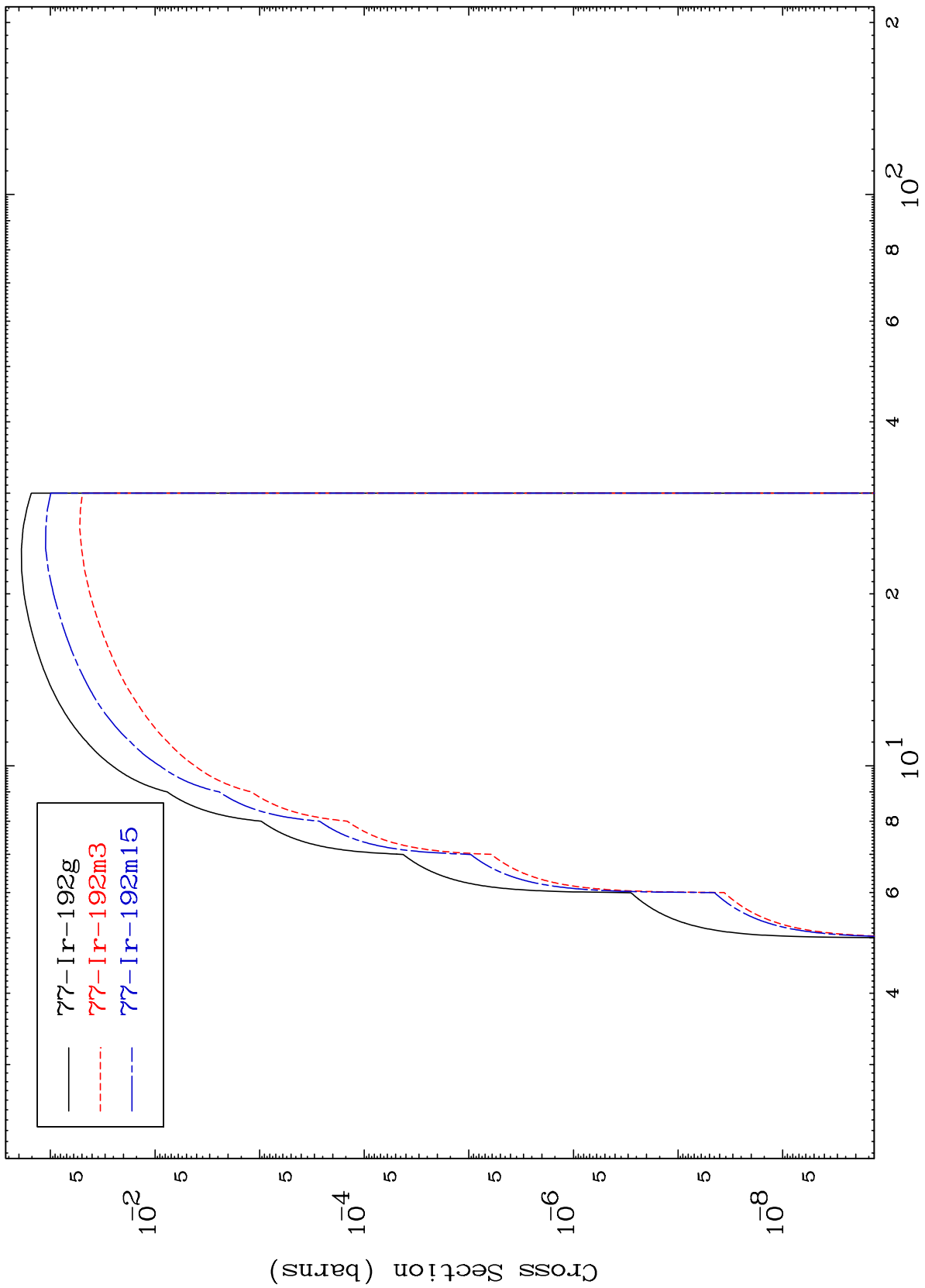


MAT 7729

(n,n') p

⁷⁷Ir-192m

Radionuclide Production Cross Section

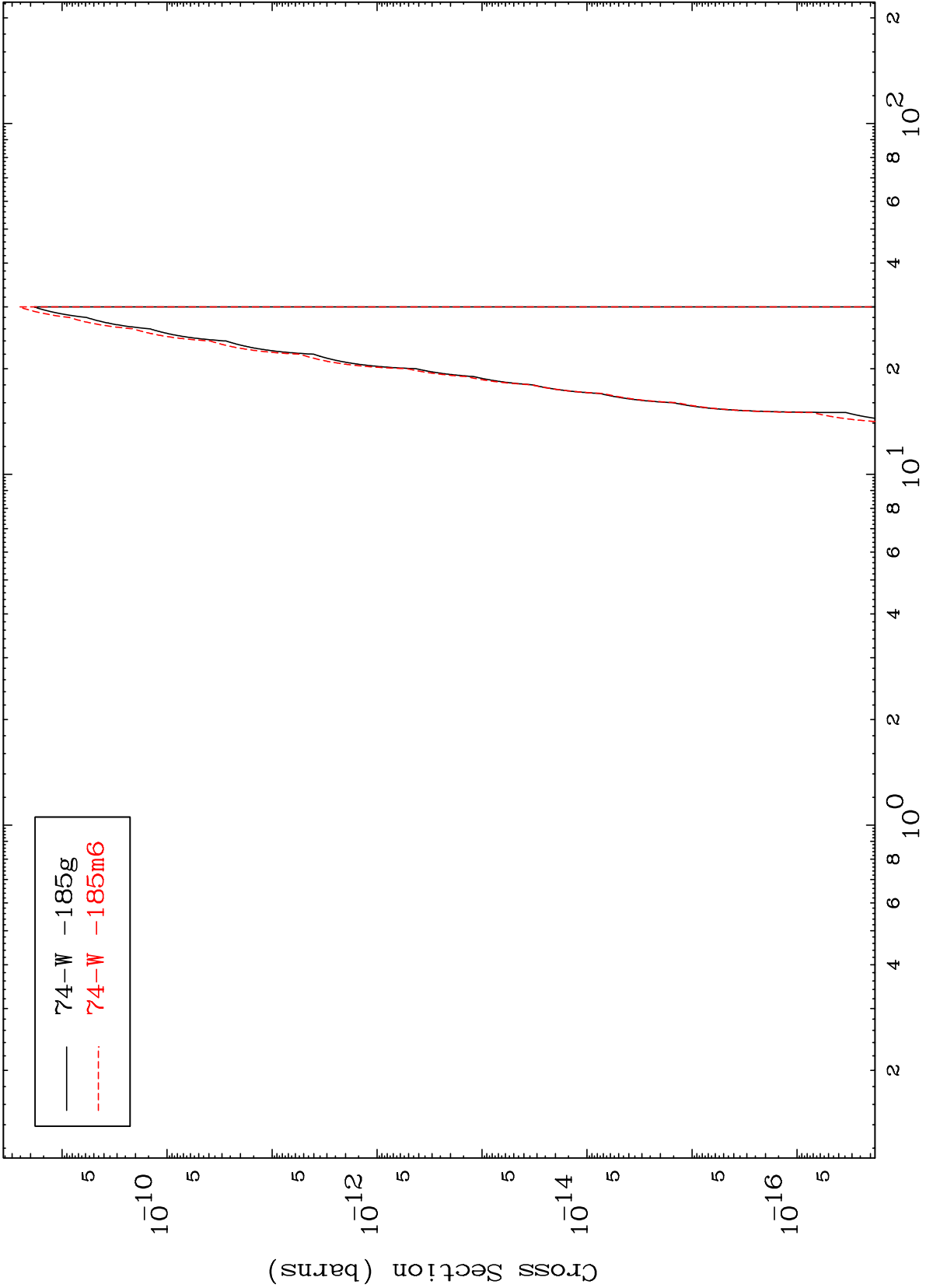


MAT 7729

(n,n') 2 α

77-Ir-192m

Radionuclide Production Cross Section



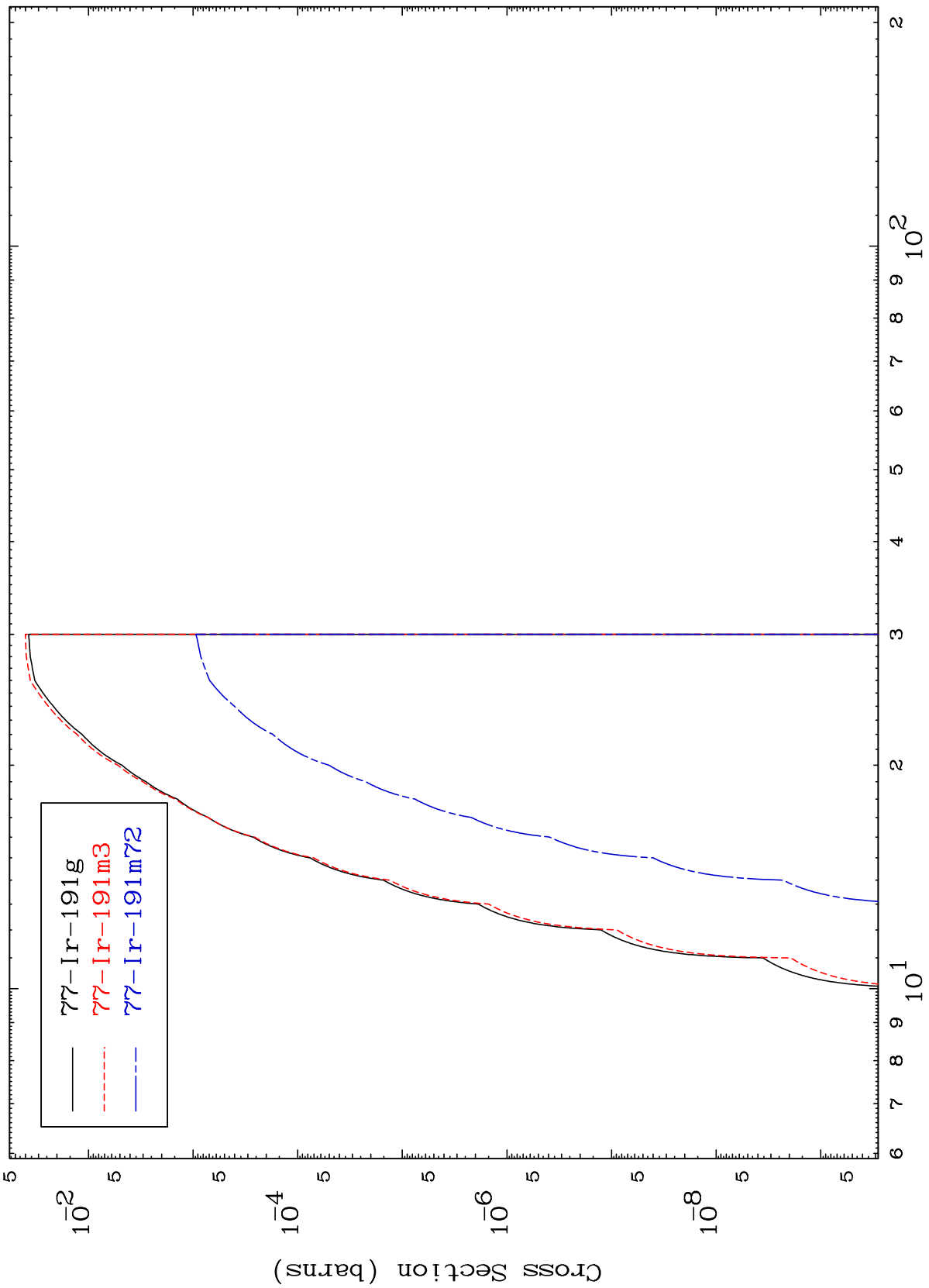
74-W-185g
74-W-185m6

MAT 7729

(n,n') d

77-Ir-192m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

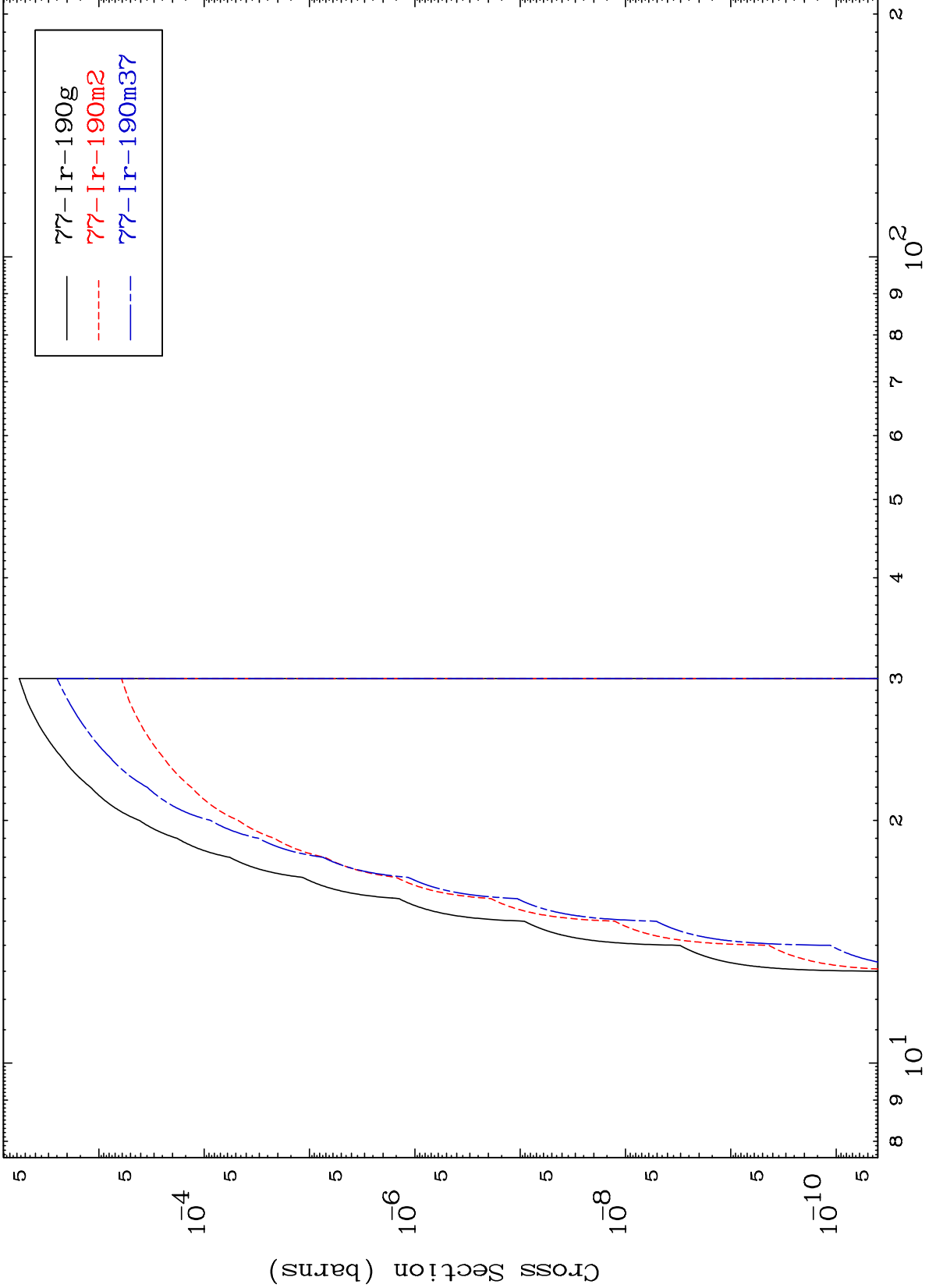
77-Ir-192m

MAT 7729

(n,n') t

77-Ir-192m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

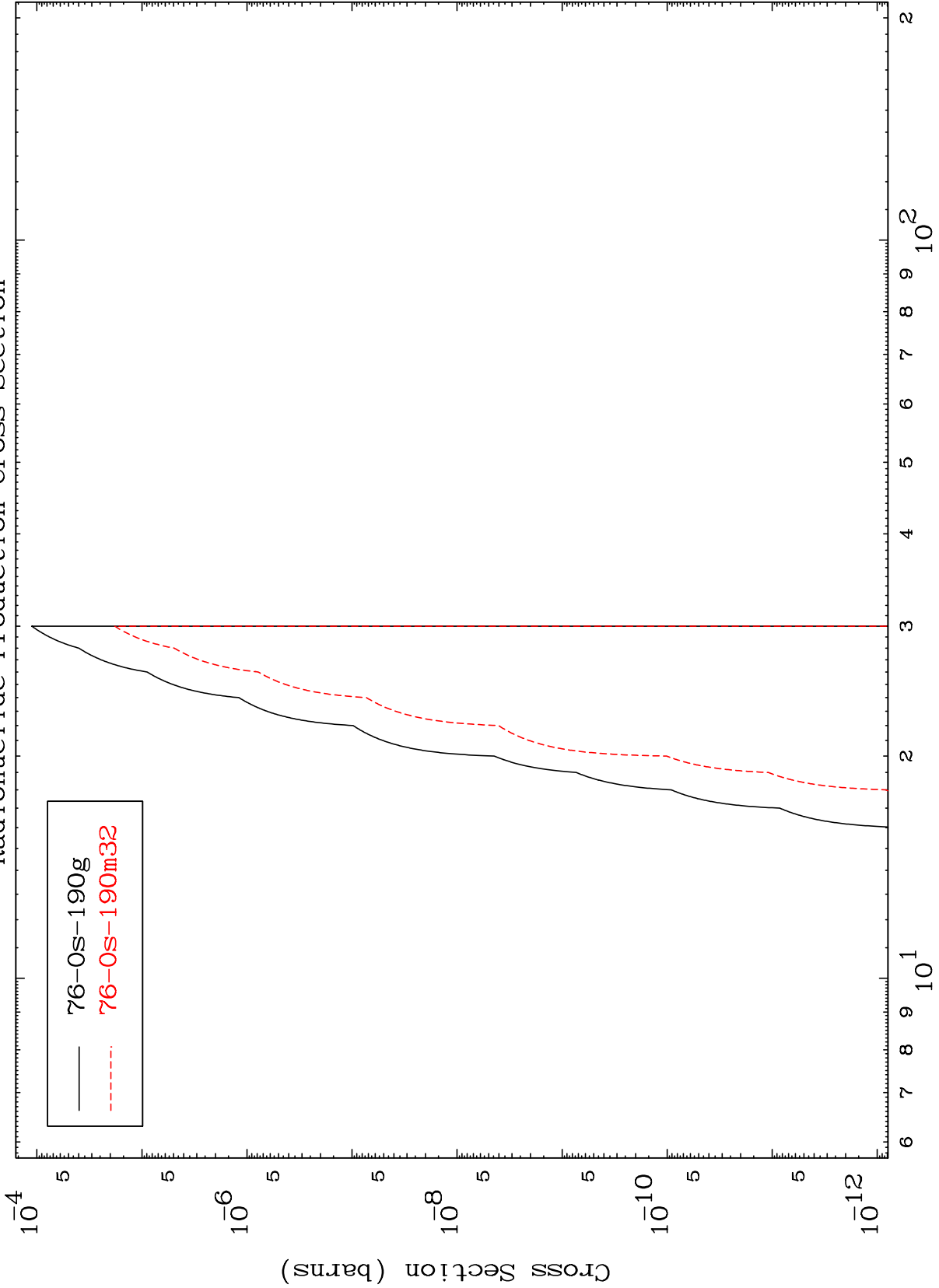
77-Ir-192m

MAT 7729

(n,n') He-3

77-Ir-192m

Radionuclide Production Cross Section



76-Os-190g
76-Os-190m32

20

Incident Energy (MeV)

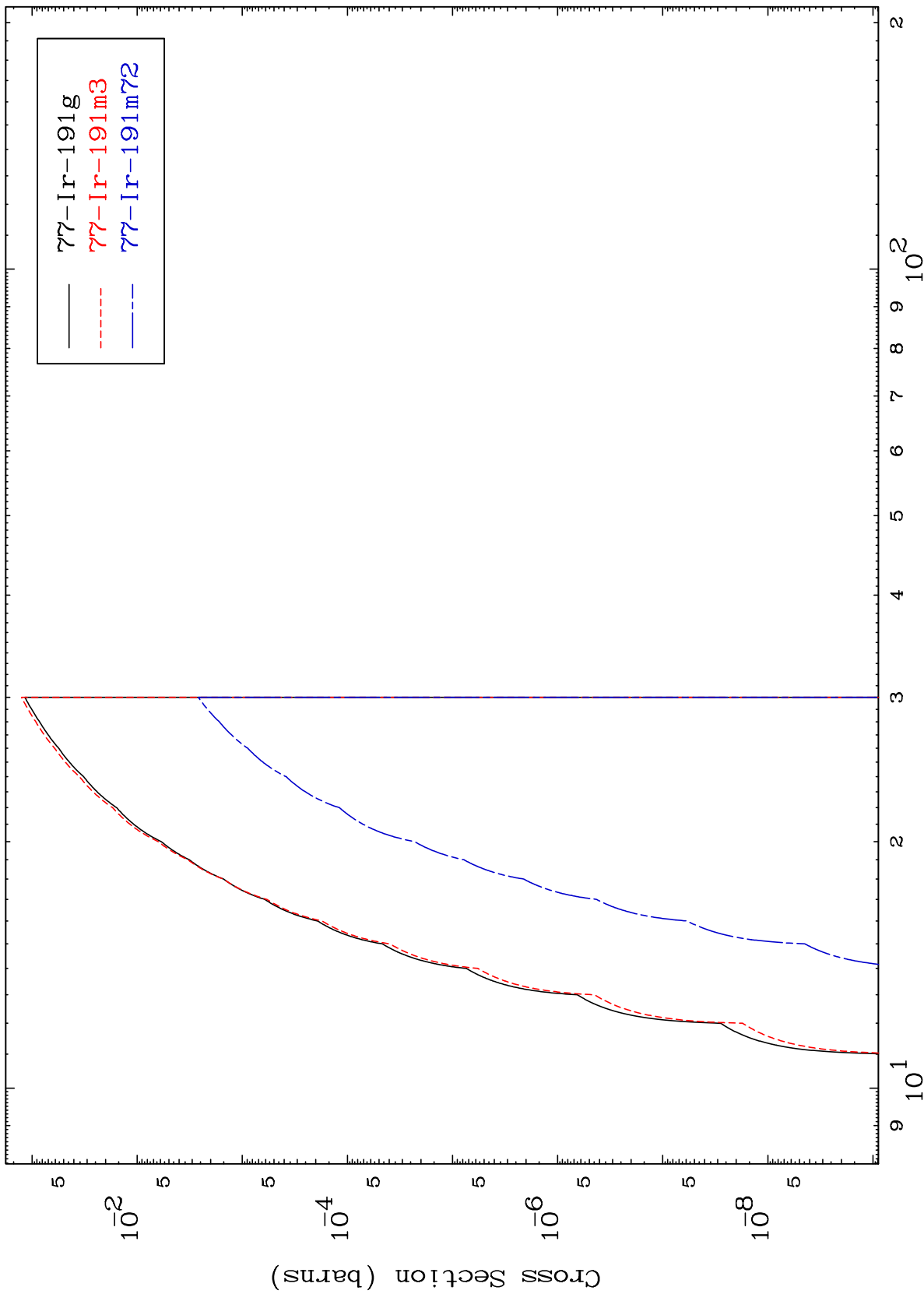
77-Ir-192m

MAT 7729

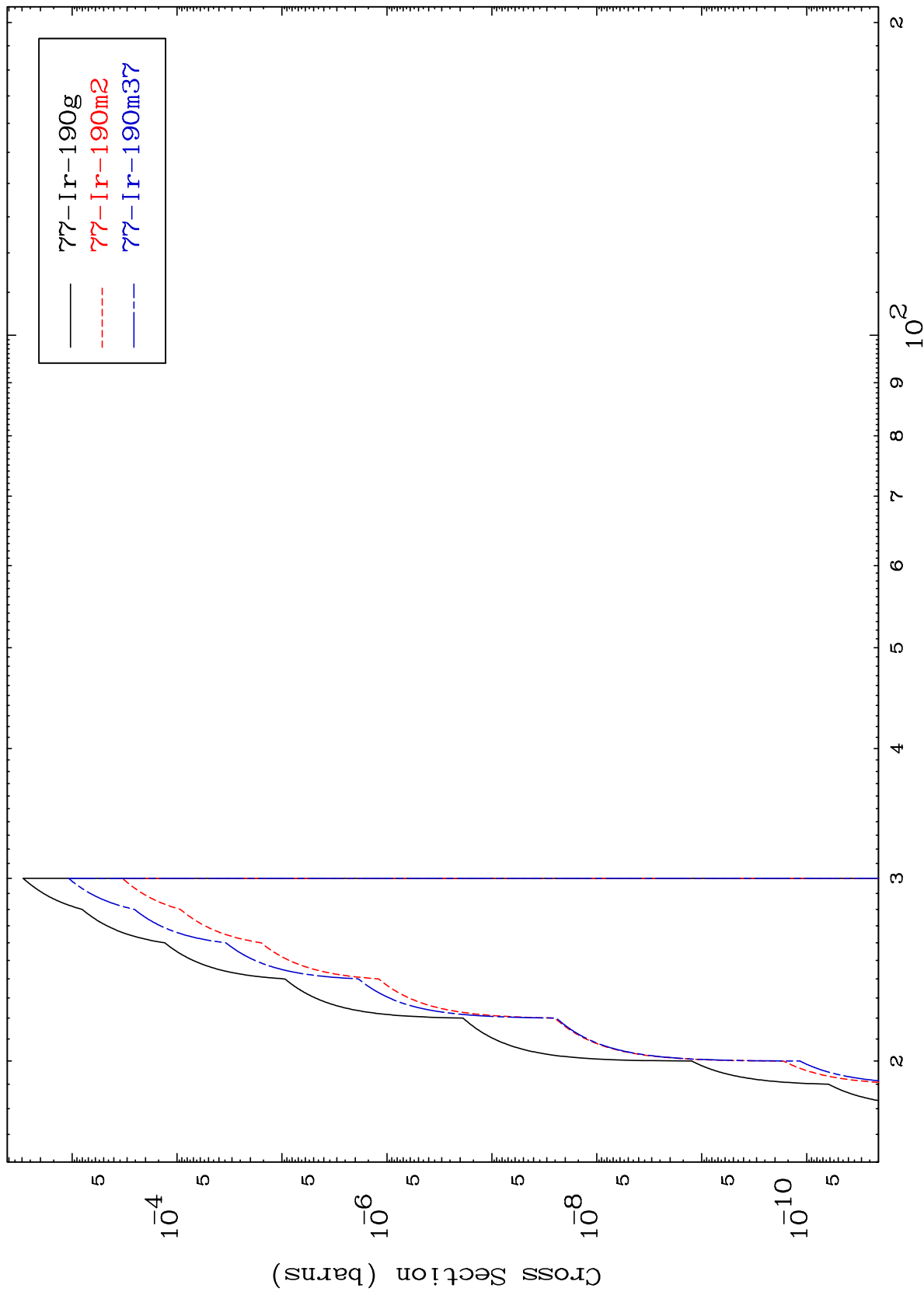
(n,2n) p

77-Ir-192m

Radionuclide Production Cross Section



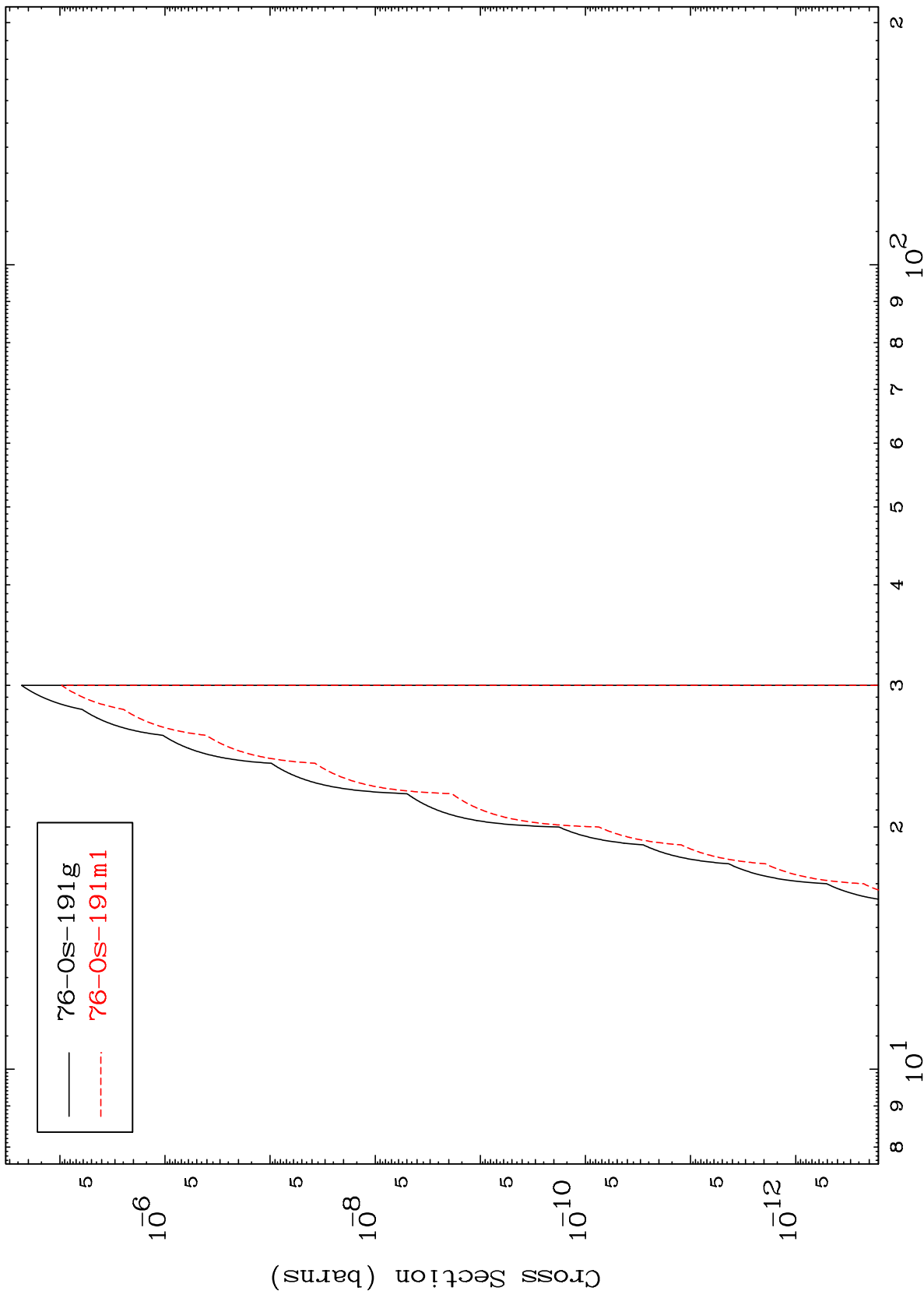
Radionuclide Production Cross Section



MAT 7729

77-Ir-192m

(n,2n) p
Radionuclide Production Cross Section



77-Ir-192m

Incident Energy (MeV)

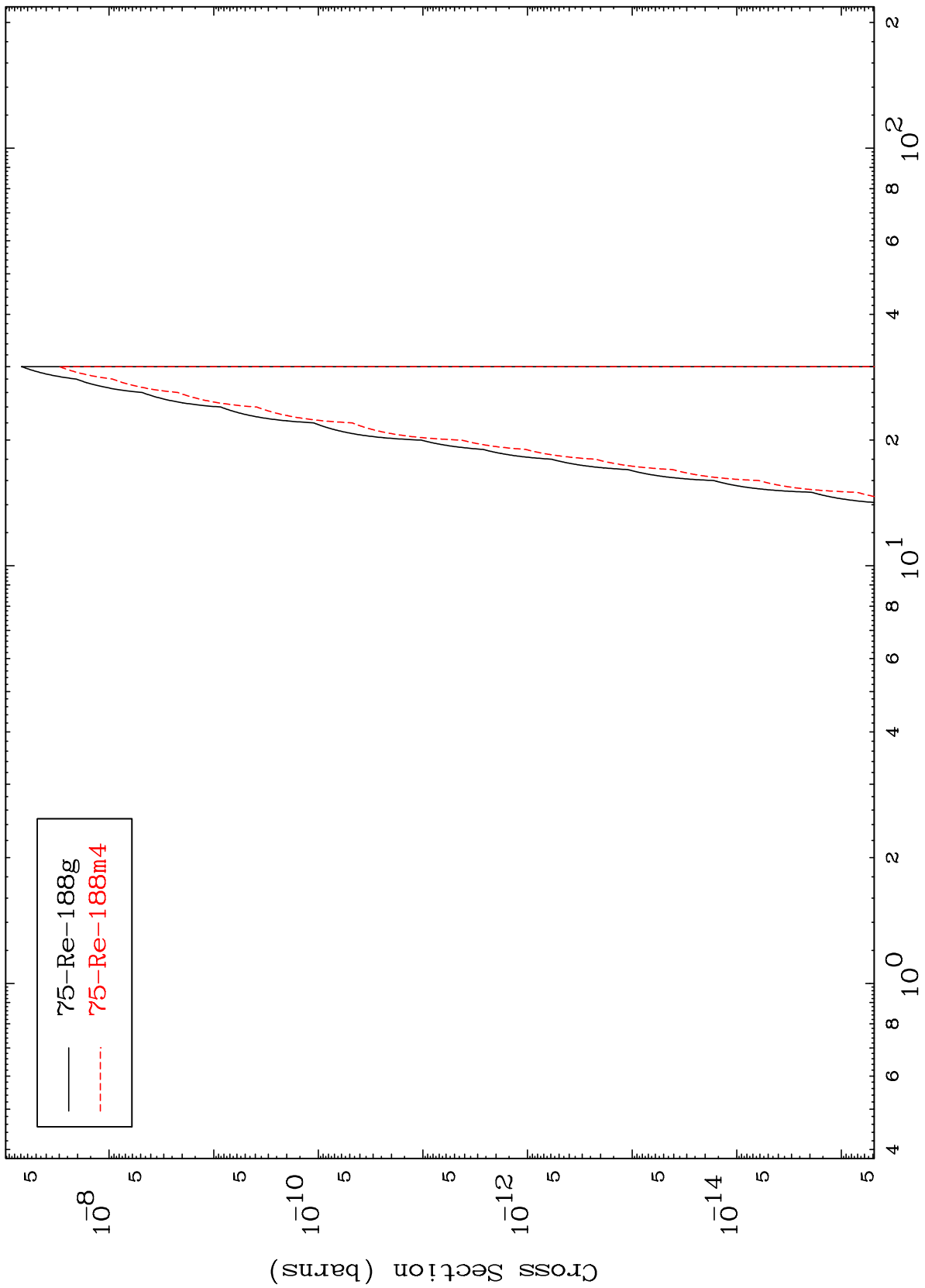
23

MAT 7729

(n,n') p α

77-Ir-192m

Radionuclide Production Cross Section



— 75-Re-188g
- - - 75-Re-188m4

Cross Section (barns)

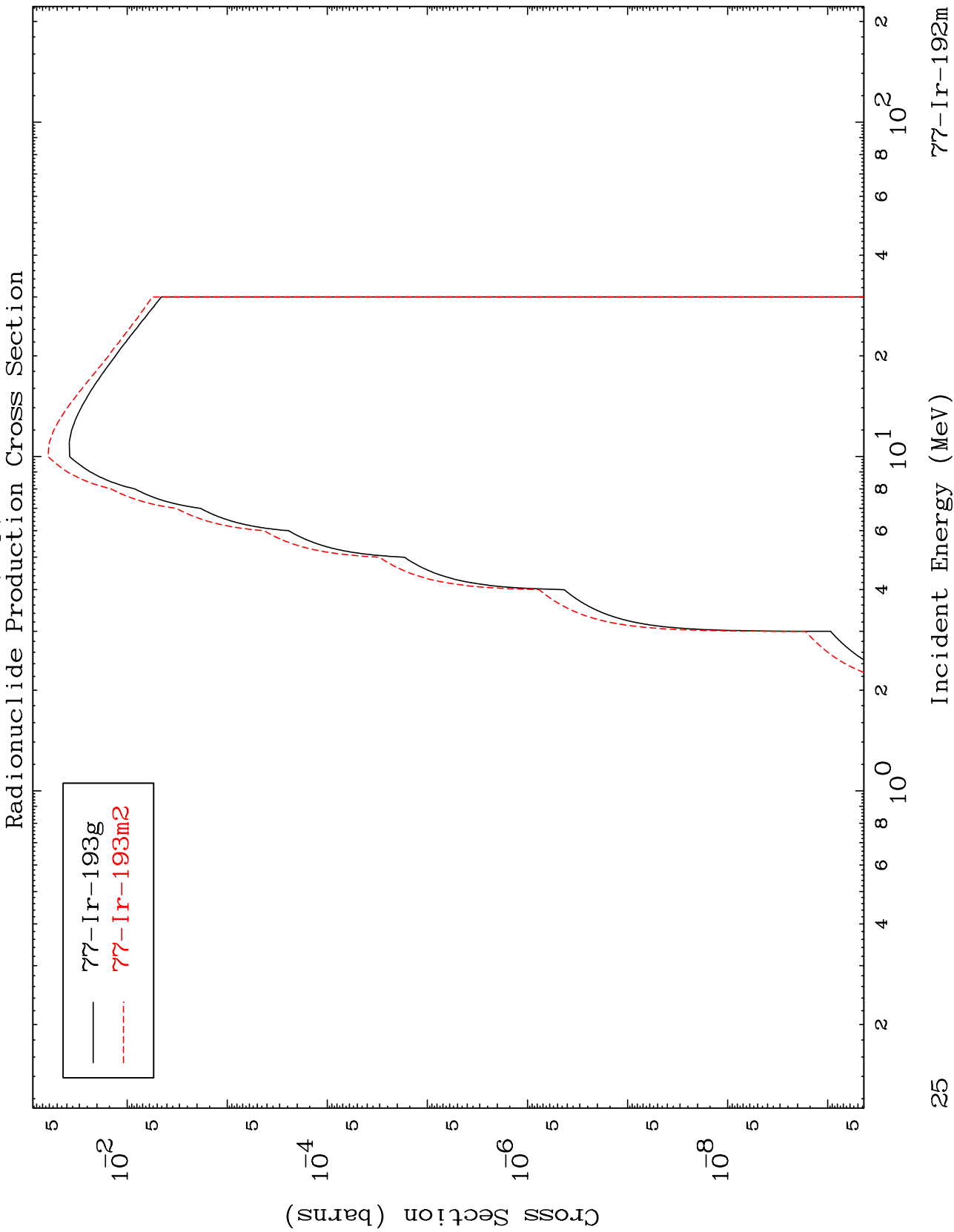
Incident Energy (MeV)

77-Ir-192m

24

MAT 7729

77-Ir-192m

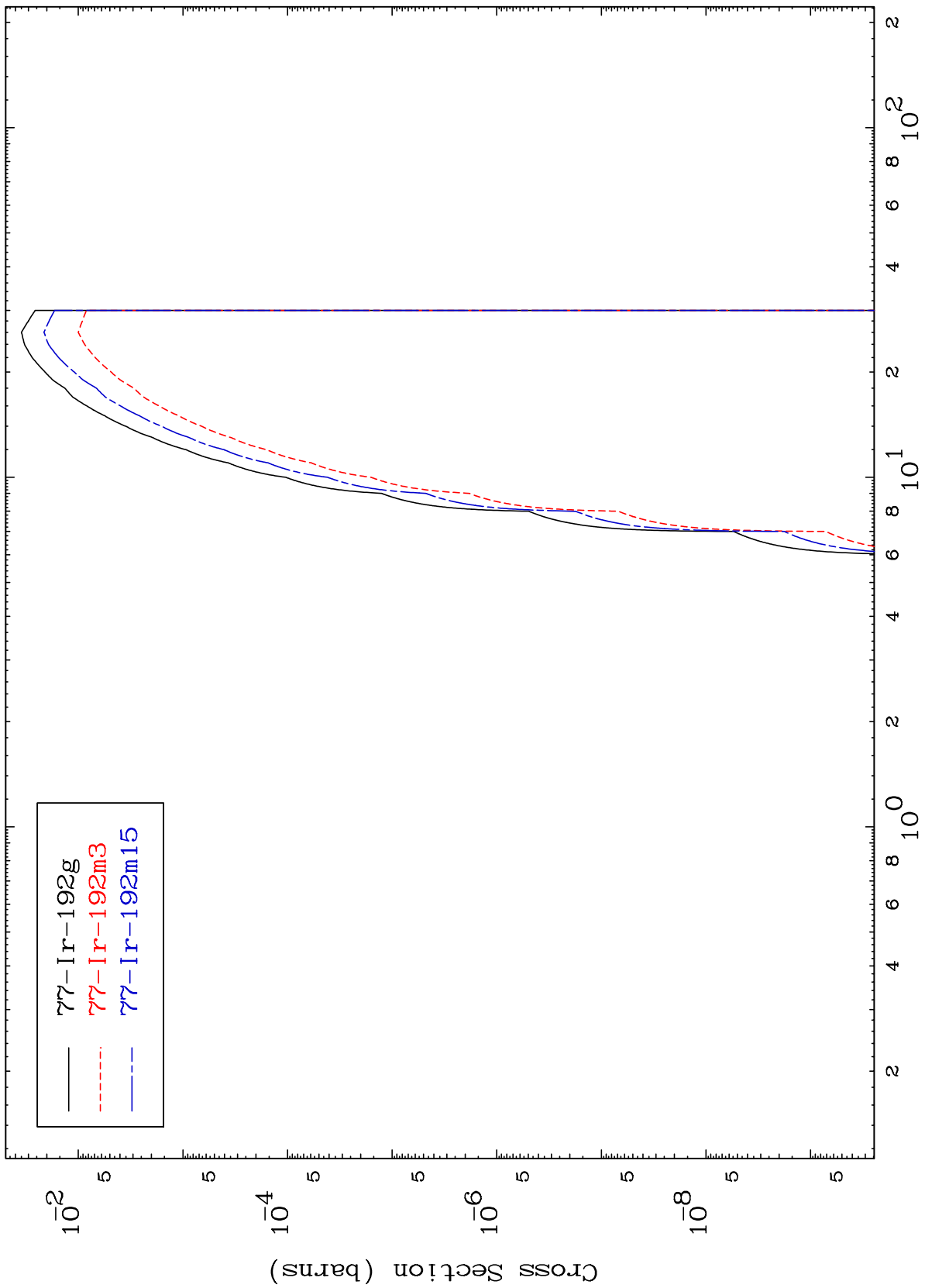


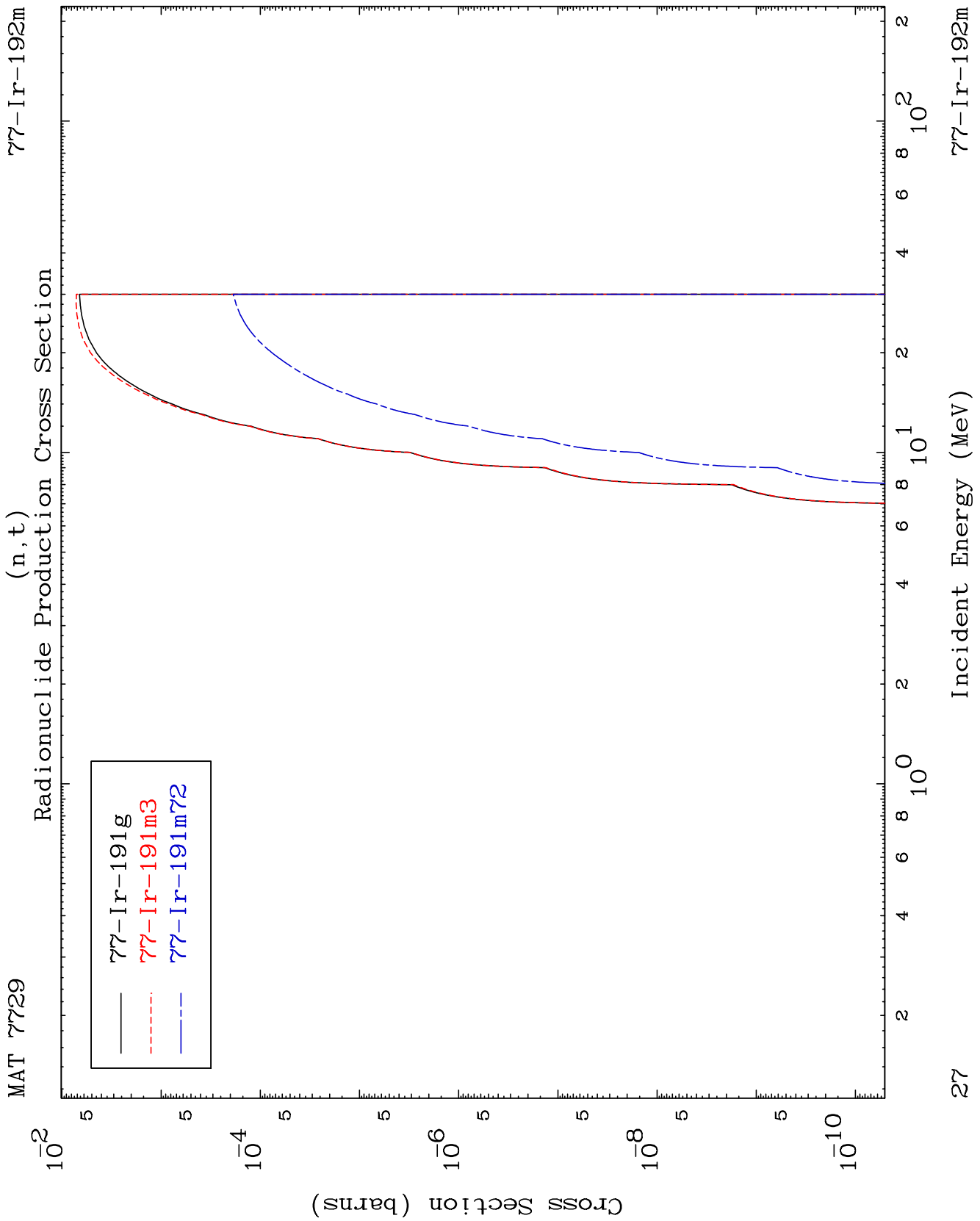
MAT 7729

(n, d)

⁷⁷Ir-¹⁹²m

Radionuclide Production Cross Section



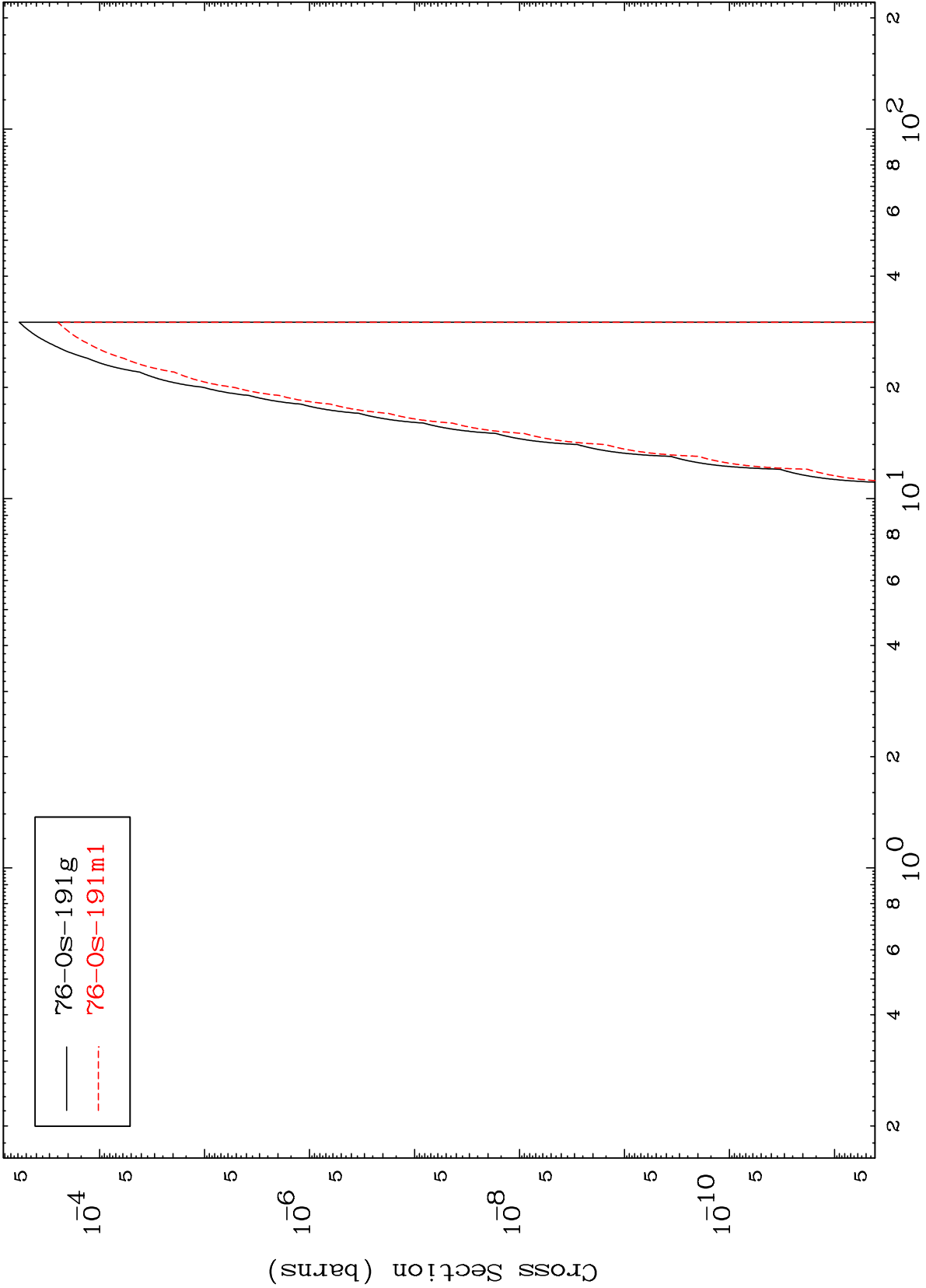


MAT 7729

(n,He-3)

77-Ir-192m

Radionuclide Production Cross Section



Incident Energy (MeV)

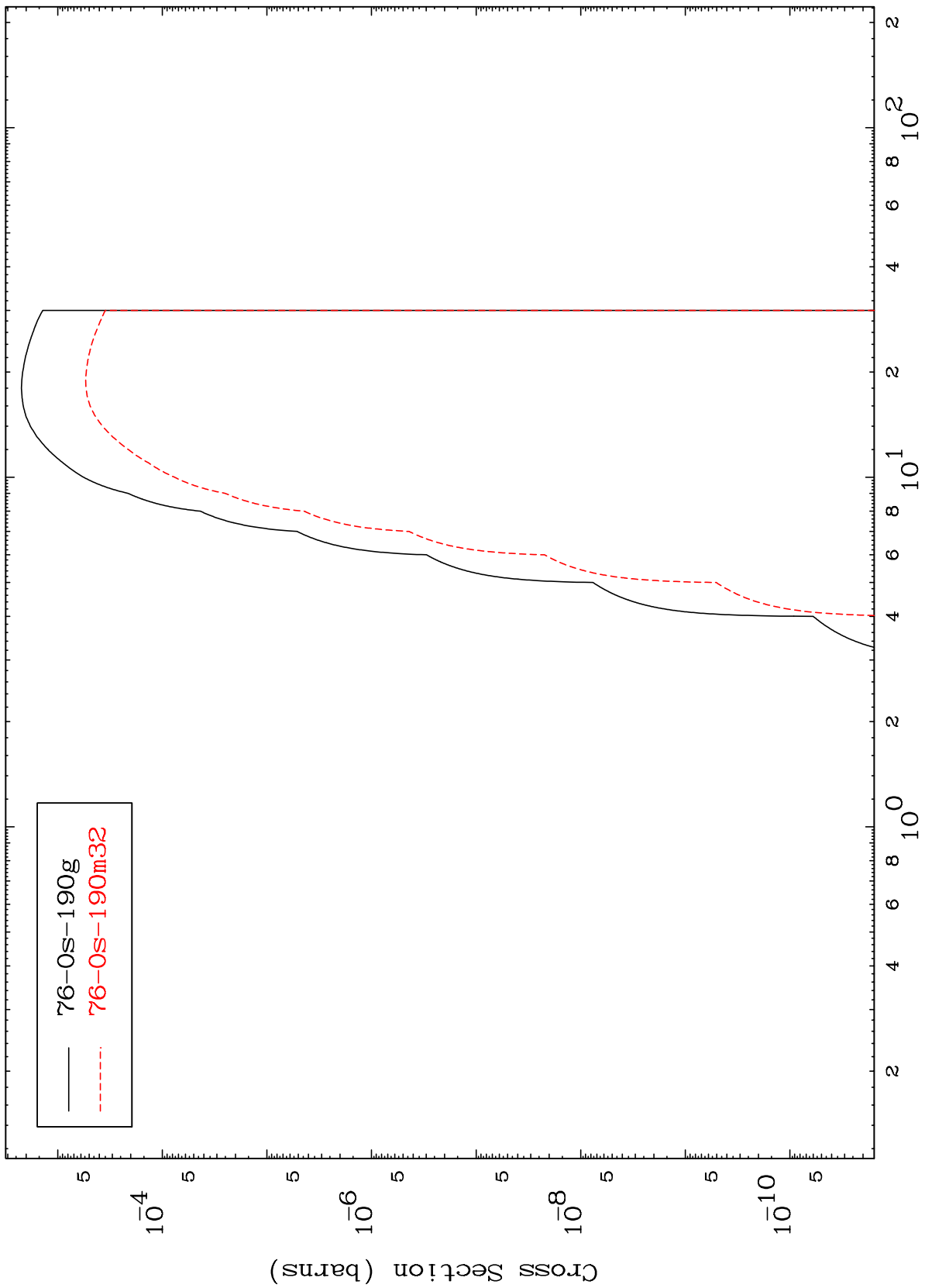
77-Ir-192m

28

MAT 7729

77-Ir-192m

Radionuclide Production Cross Section

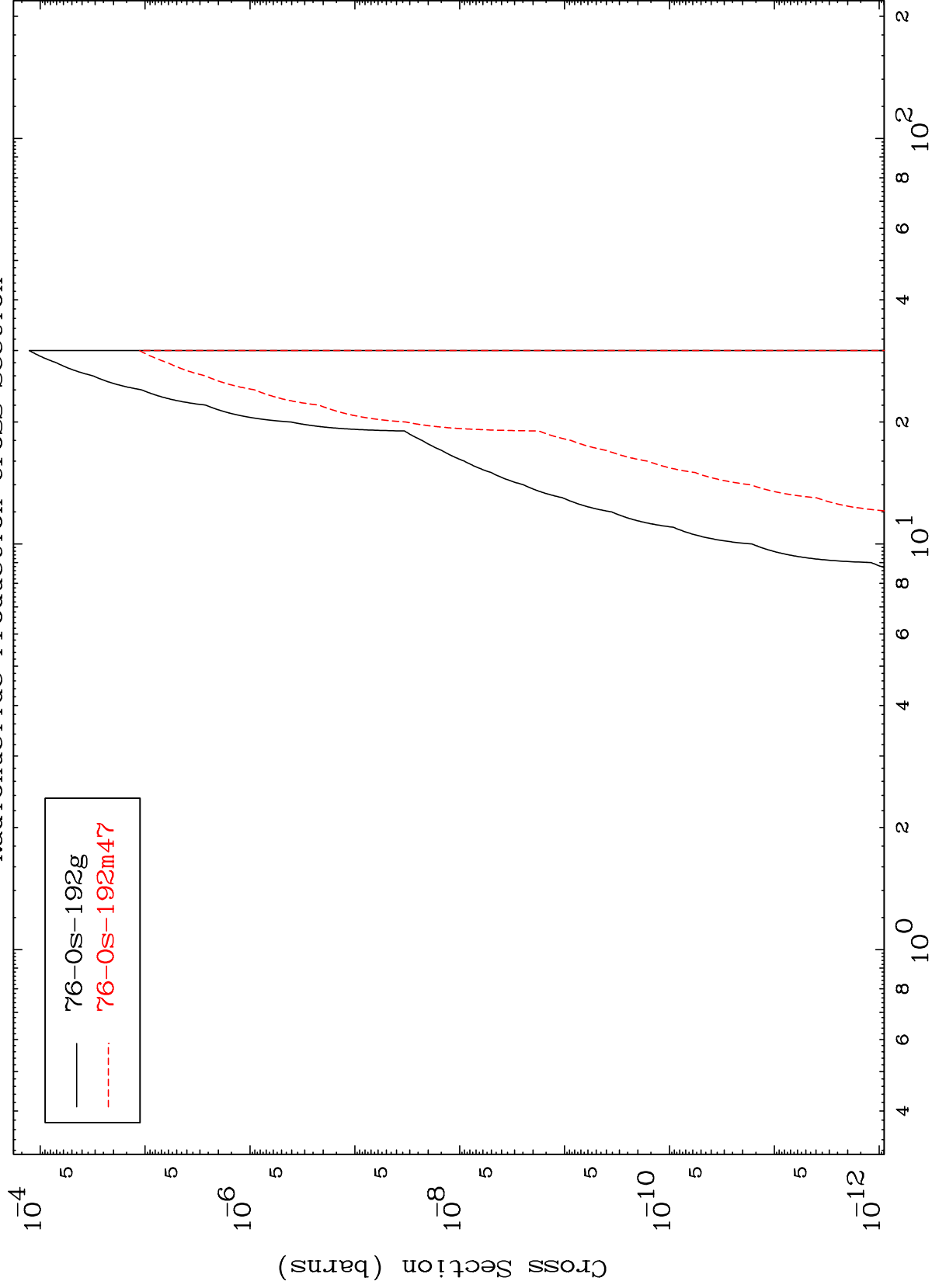


MAT 7729

(n,2p)

⁷⁷Ir-192m

Radionuclide Production Cross Section



30

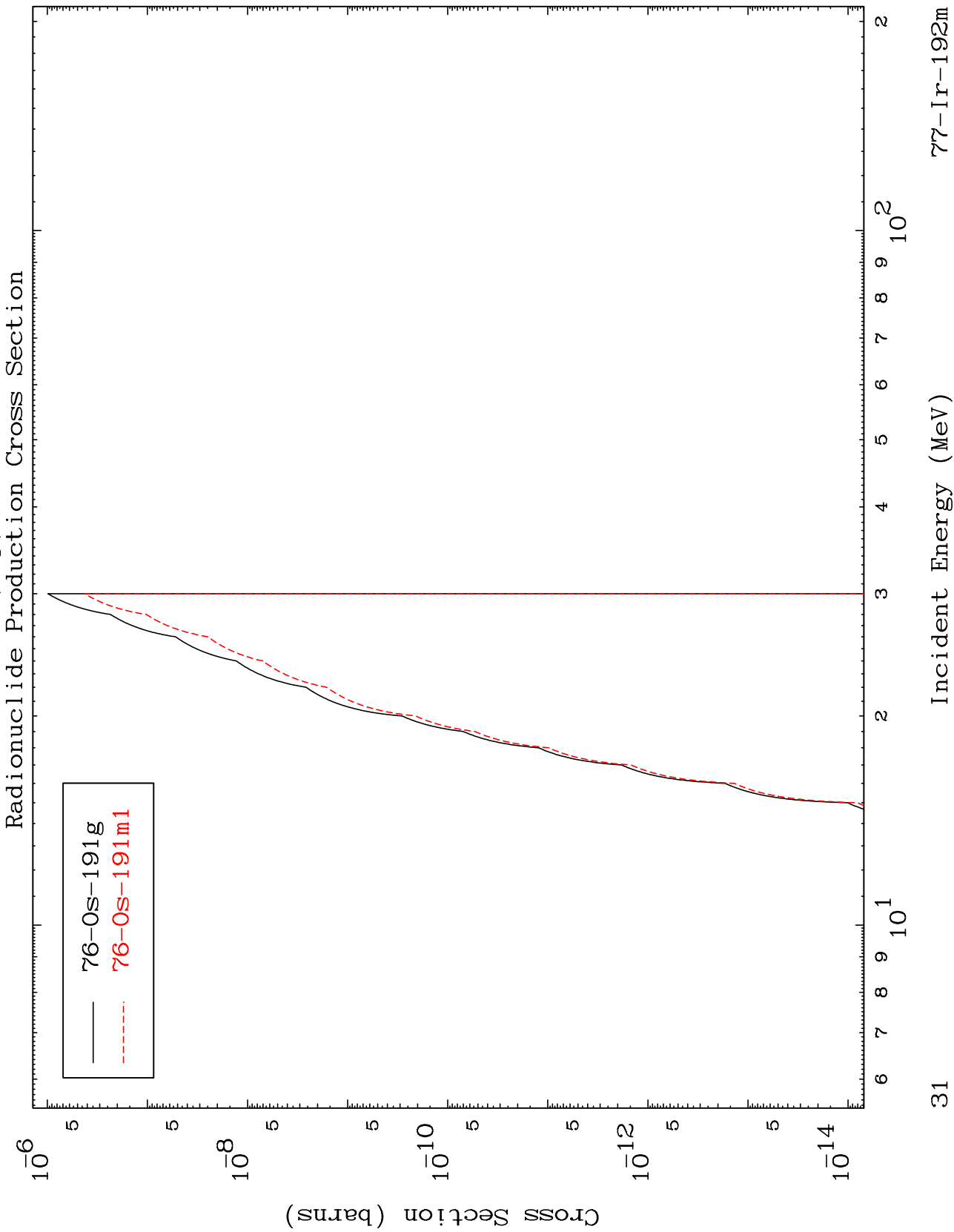
Incident Energy (MeV)

⁷⁷Ir-192m

MAT 7729

(n,p) d

77-Ir-192m

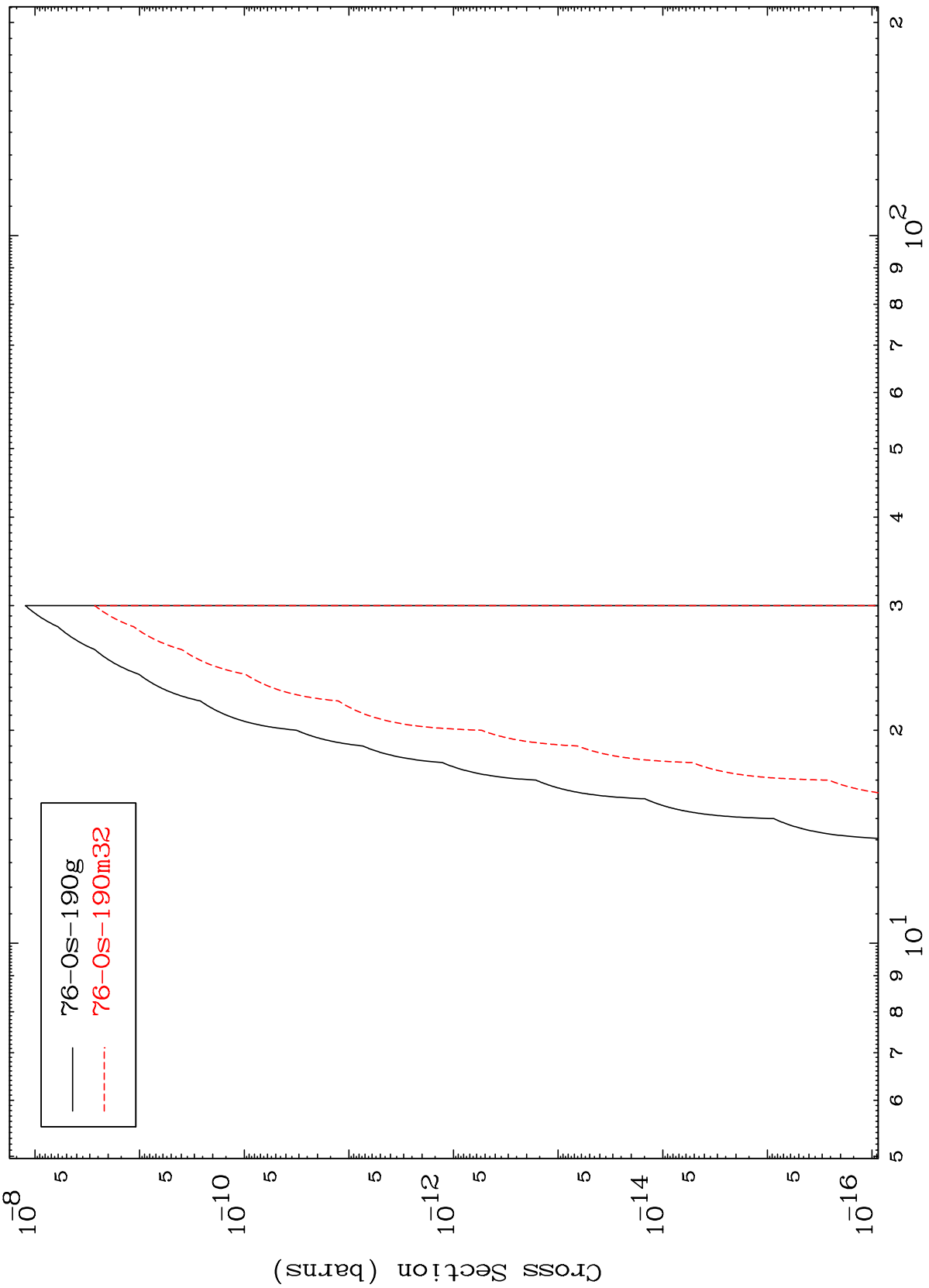


MAT 7729

(n,p) t

77-Ir-192m

Radionuclide Production Cross Section



76-Os-190g
76-Os-190m32

32

Incident Energy (MeV)

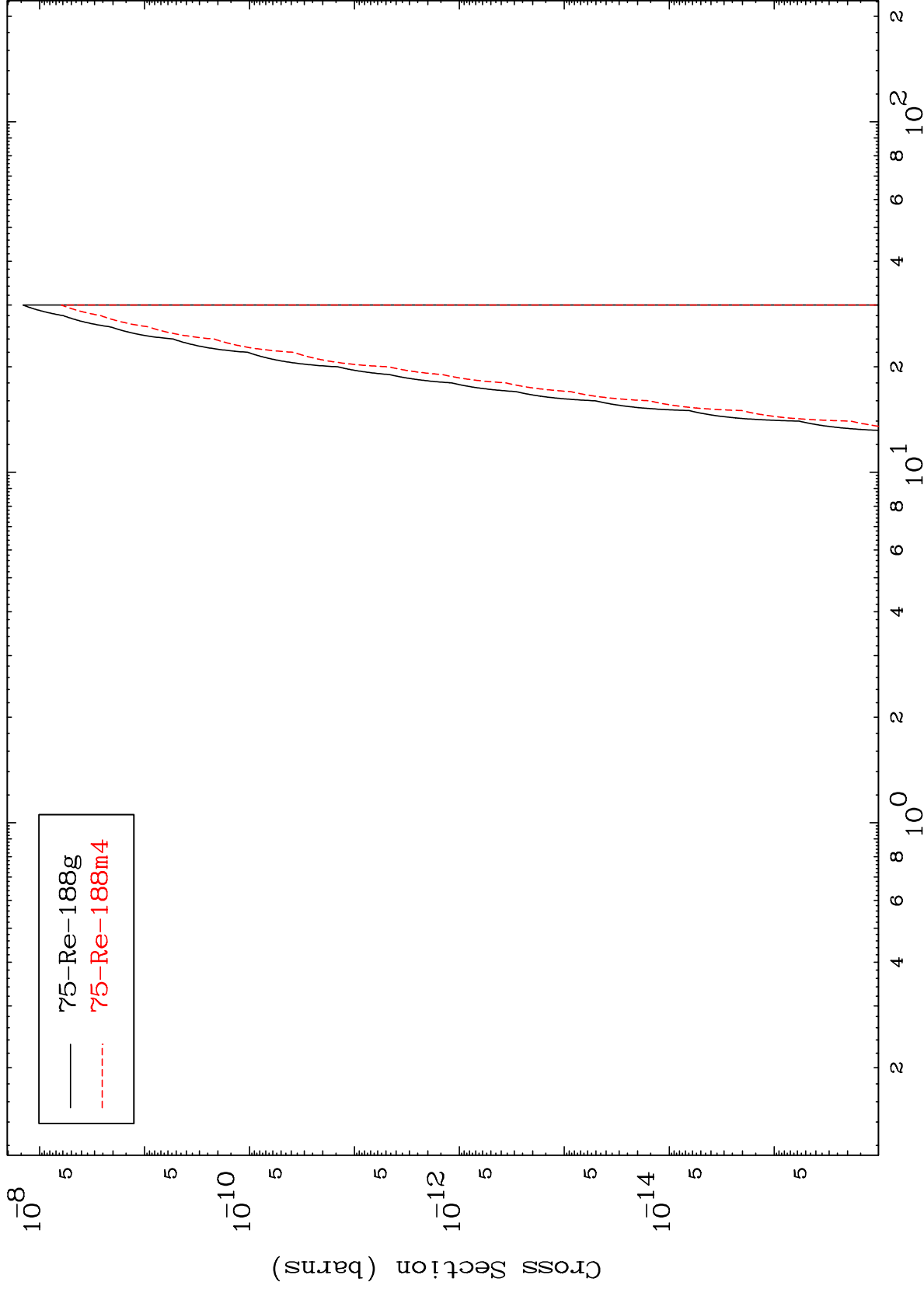
77-Ir-192m

MAT 7729

(n,d) α

77-Ir-192m

Radionuclide Production Cross Section



Incident Energy (MeV)

77-Ir-192m