

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

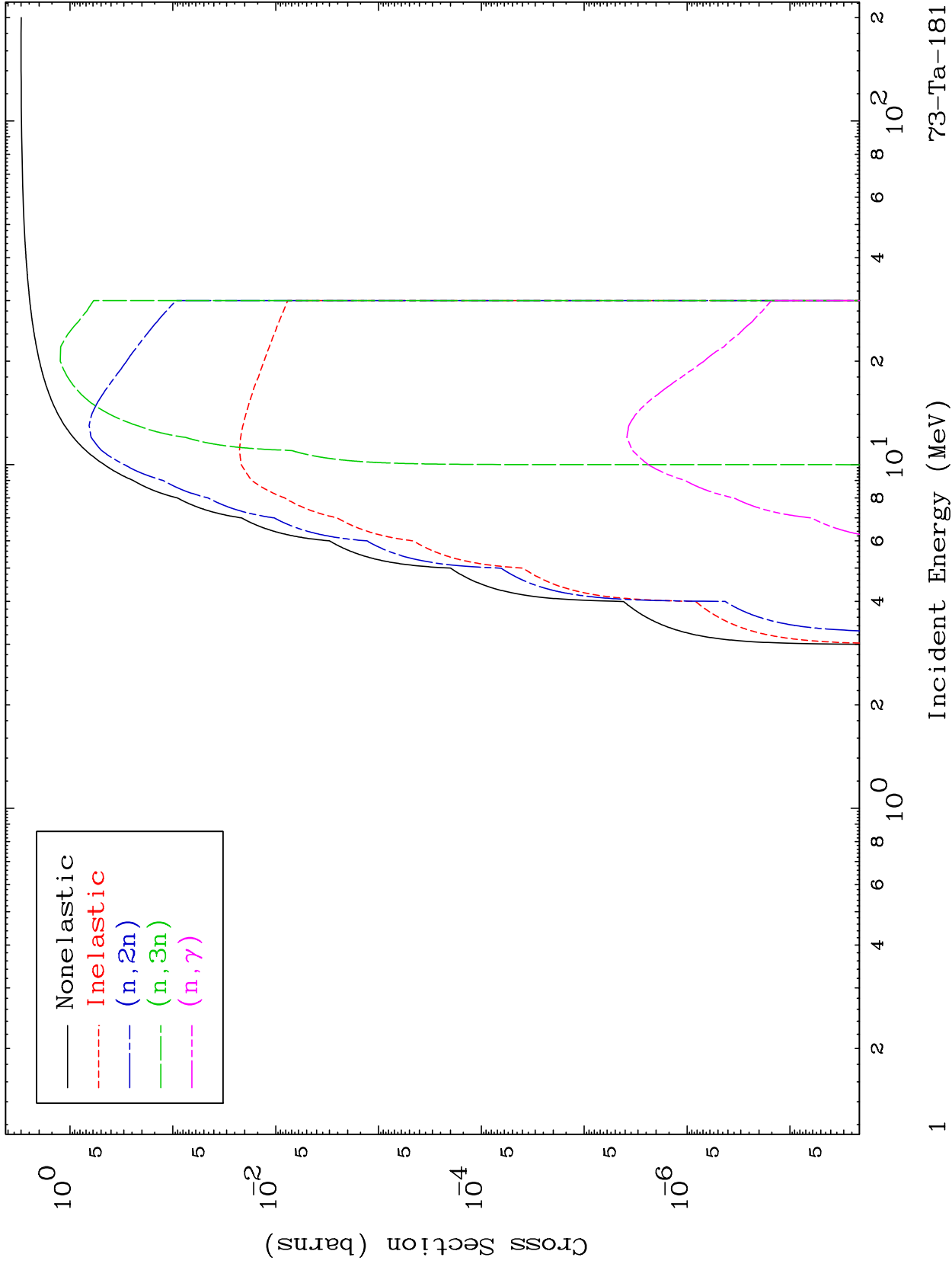
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7328

Deuteron Major
0 Kelvin Cross Sections

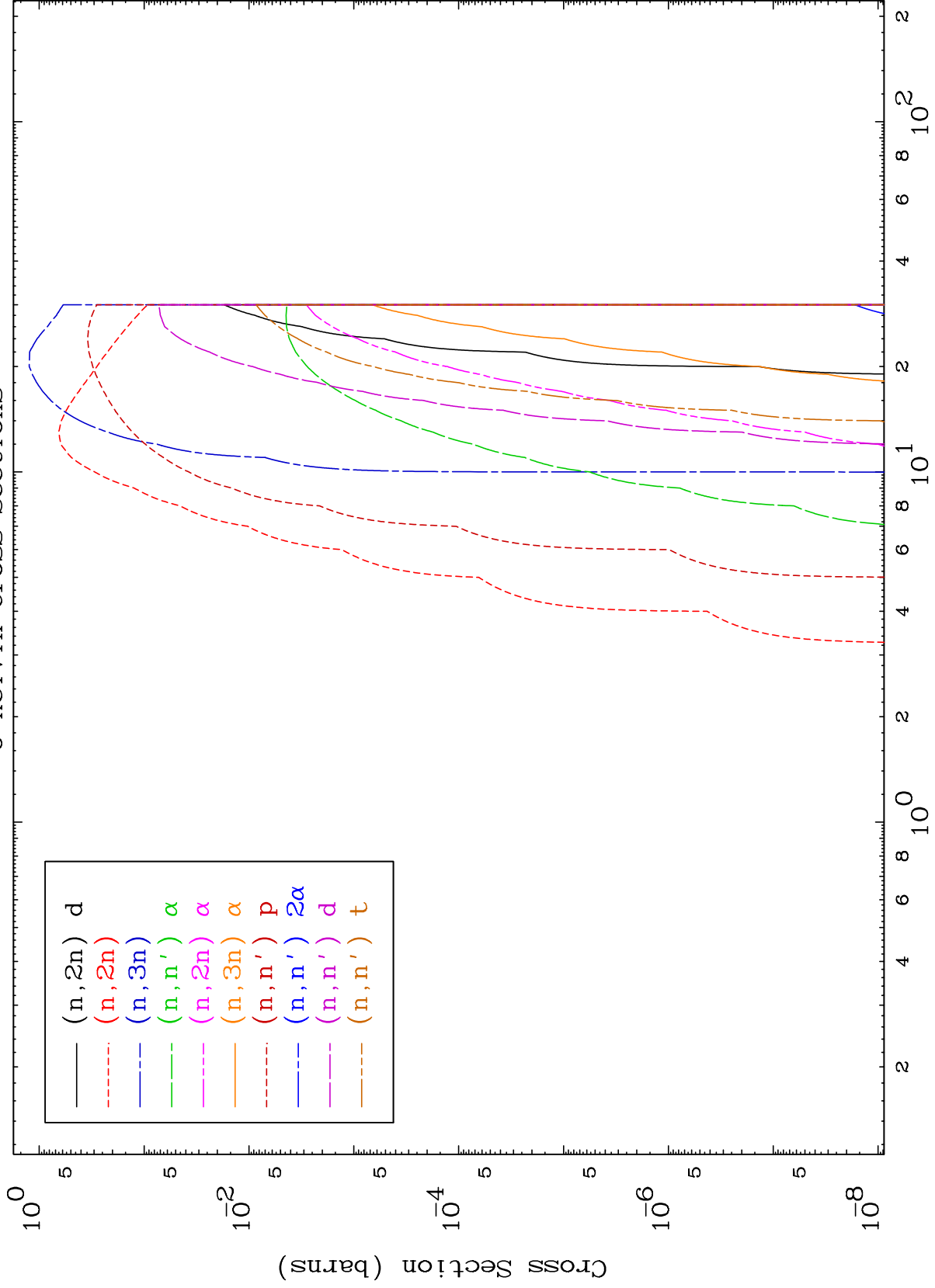
⁷³Ta-181



MAT 7328

Deuteron Neutron Absorption
0 Kelvin Cross Sections

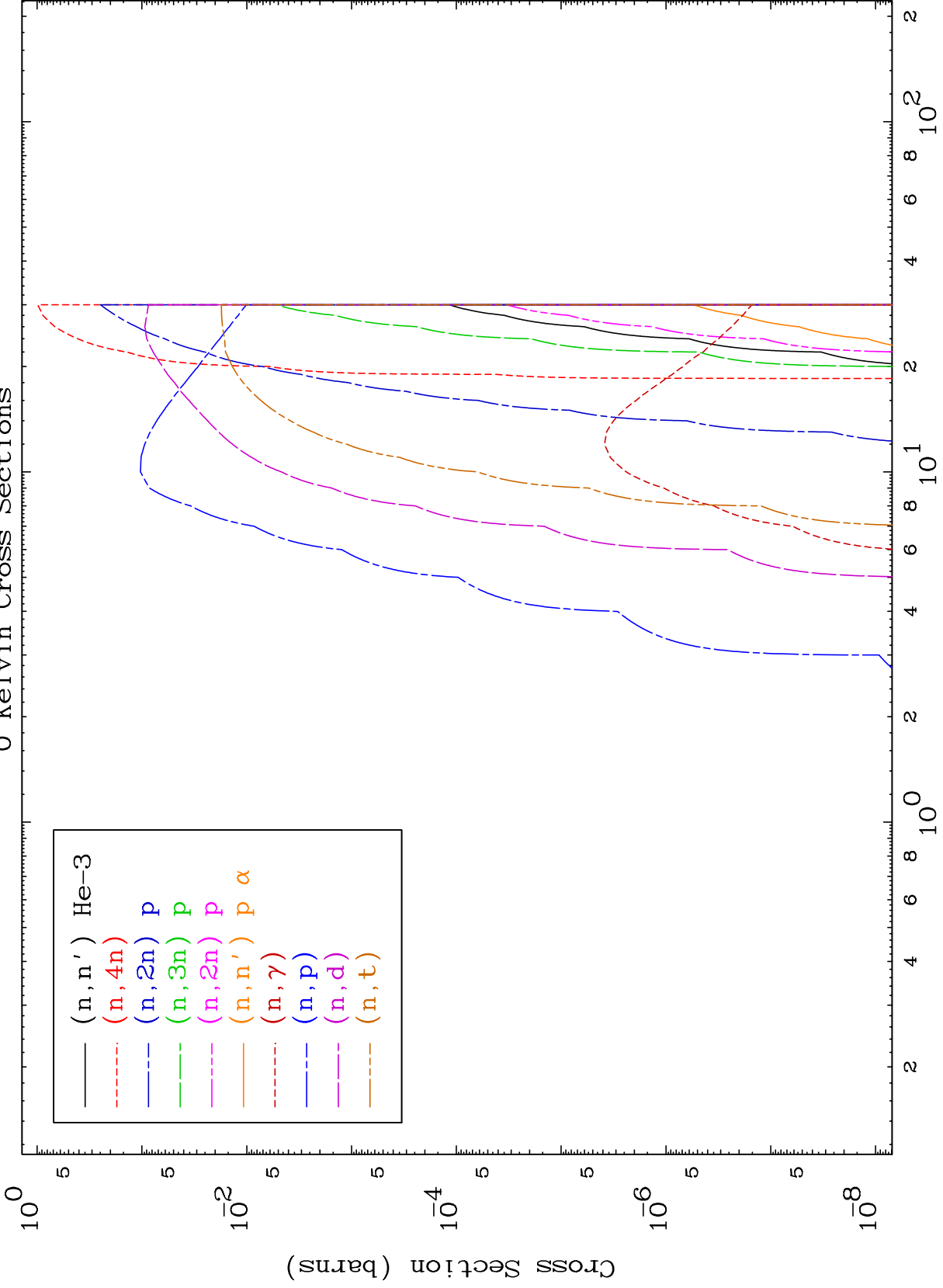
73-Ta-181

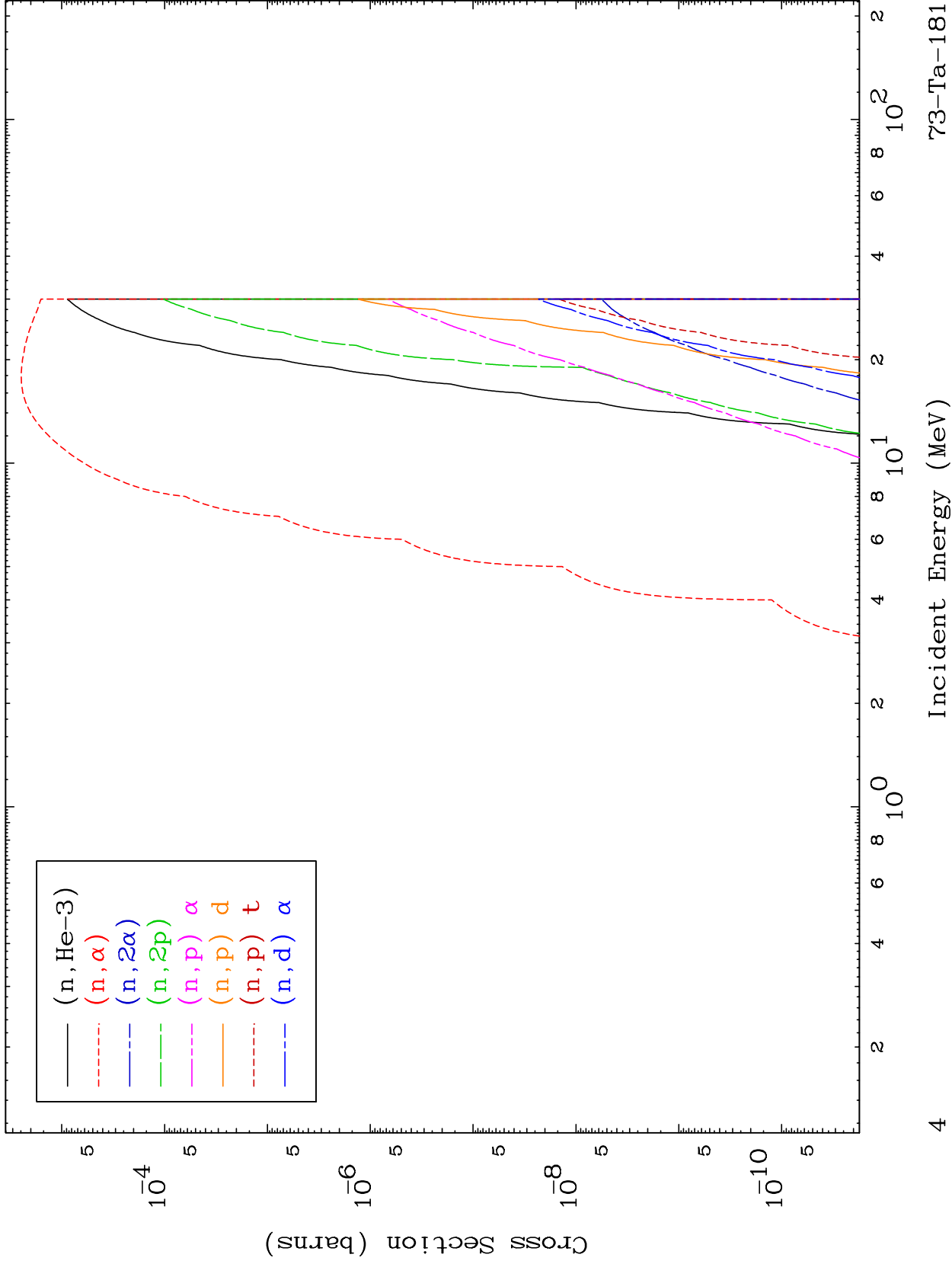


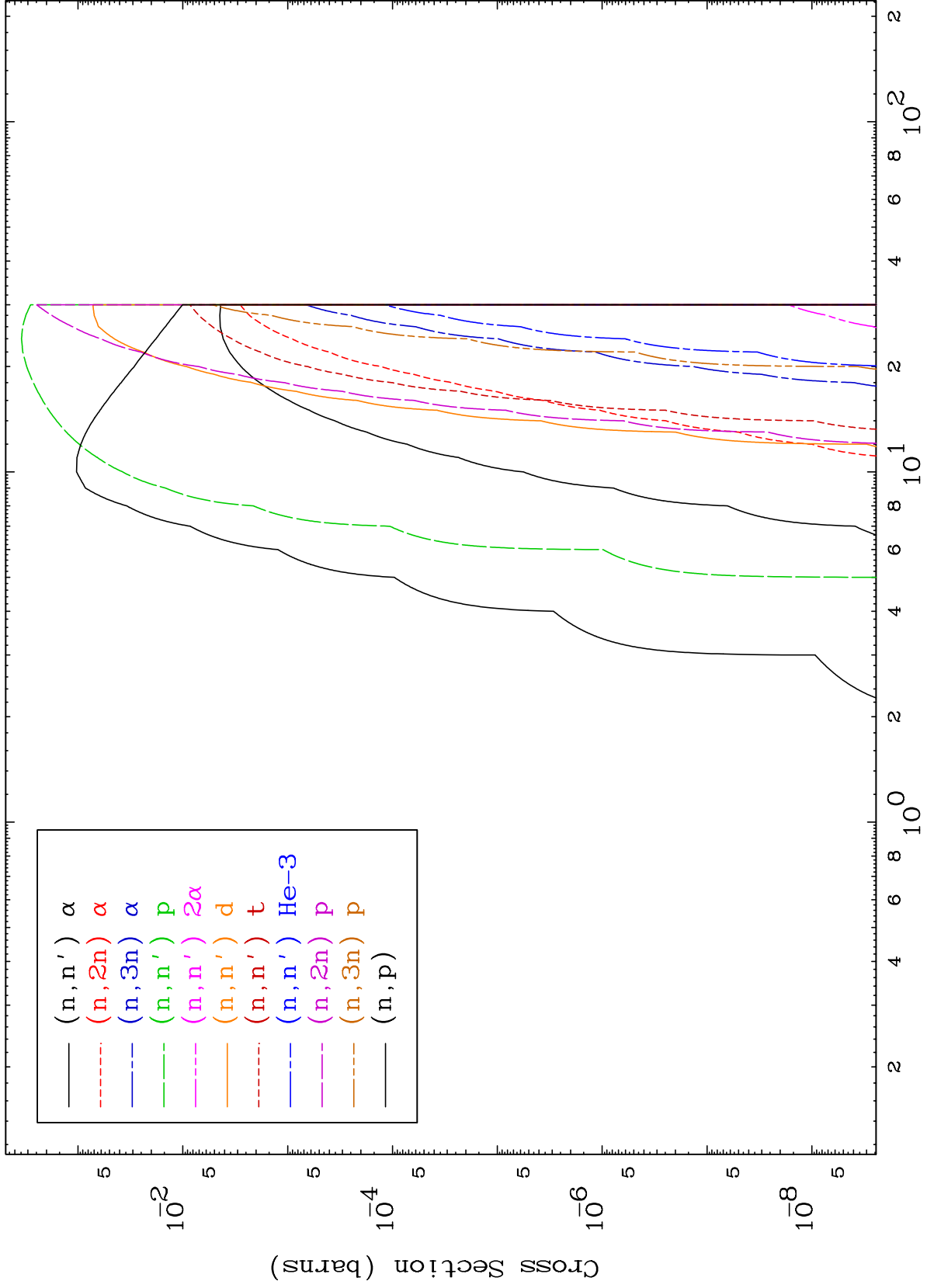
MAT 7328

Deuteron Neutron Absorption
0 Kelvin Cross Sections

73-Ta-181



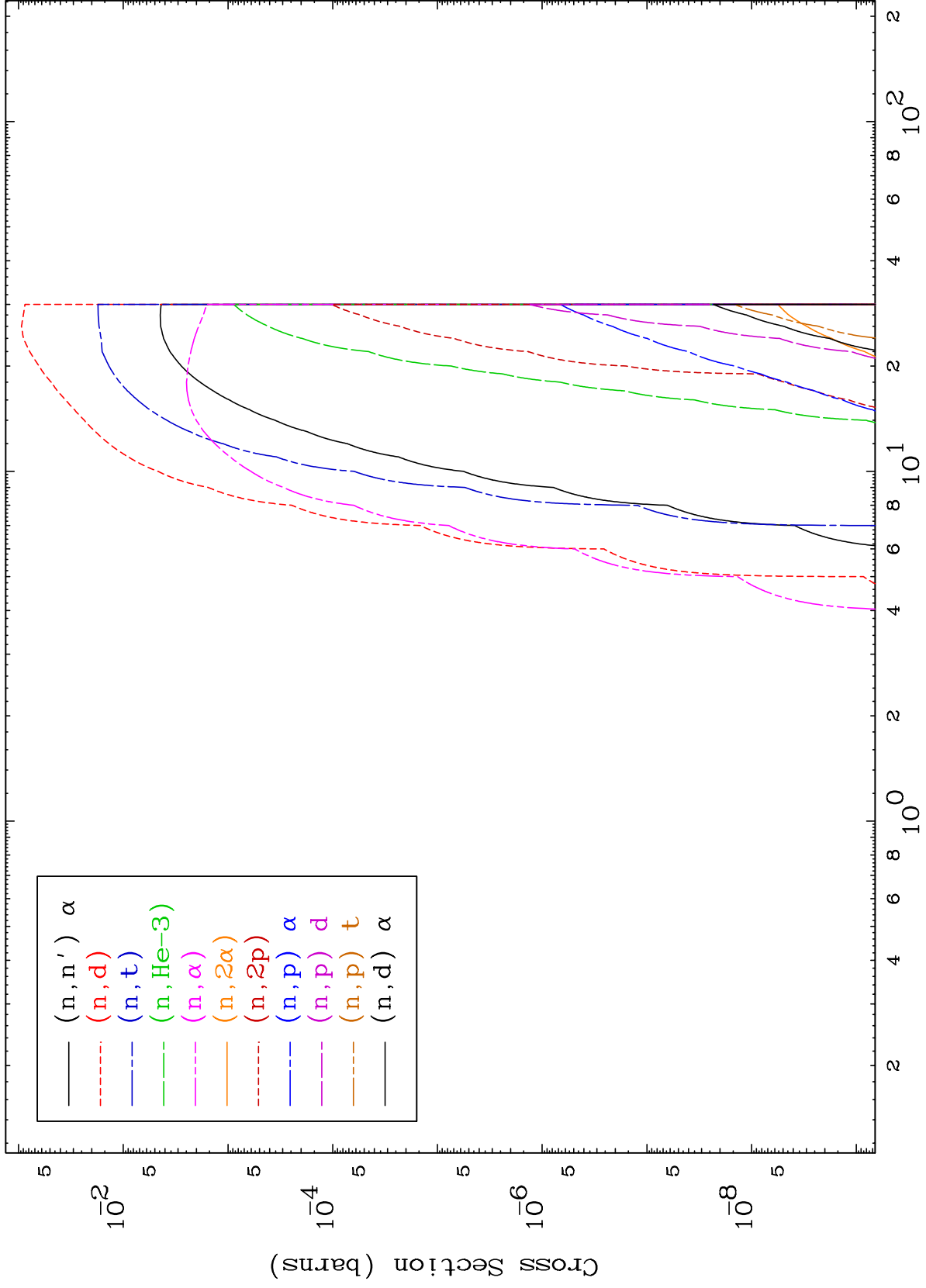




MAT 7328

Deuteron Charged Particle
0 Kelvin Cross Sections

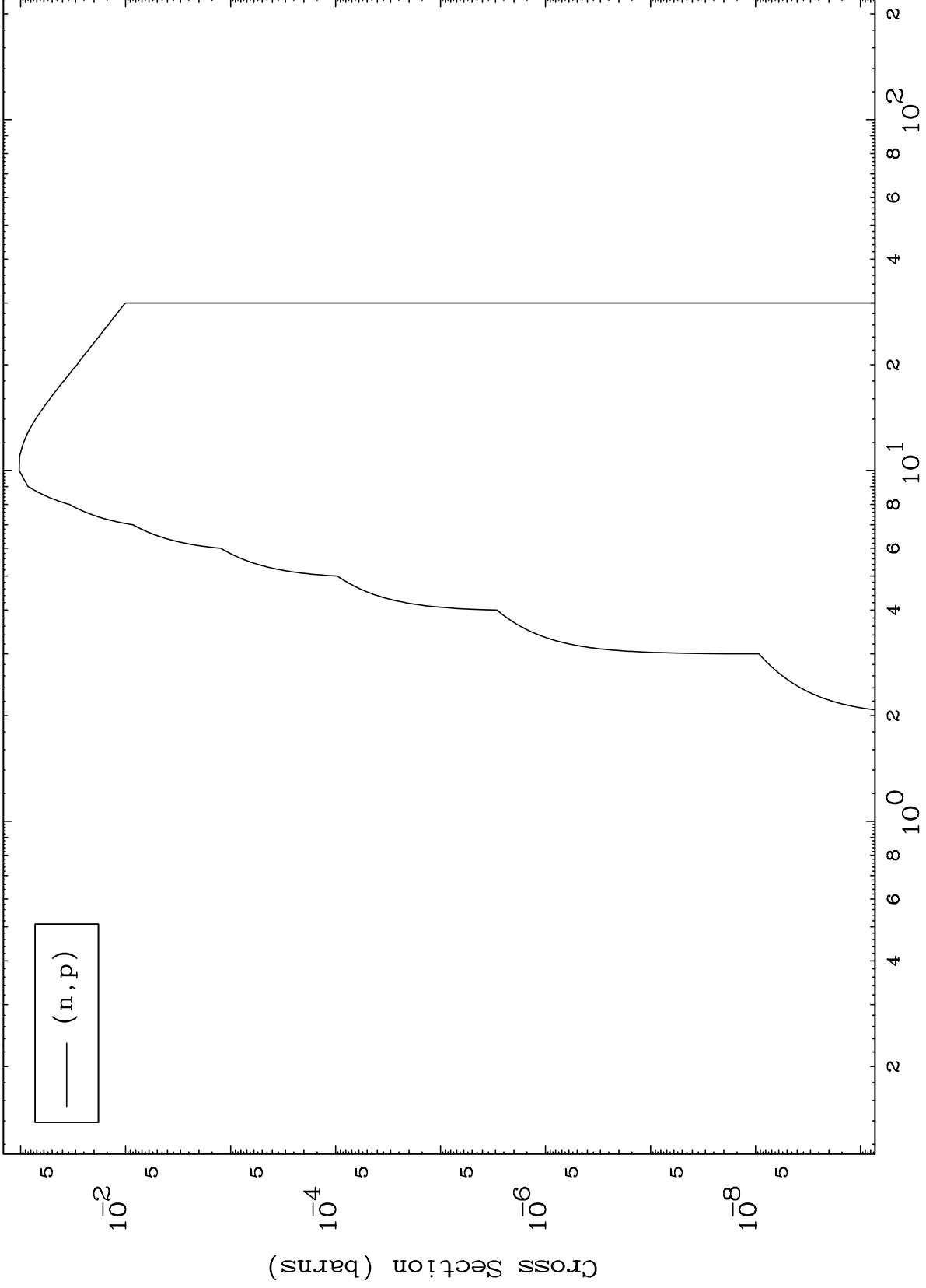
73-Ta-181



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73-Ta-181

(d,p) Levels
0 Kelvin Cross Sections



7

Incident Energy (MeV)

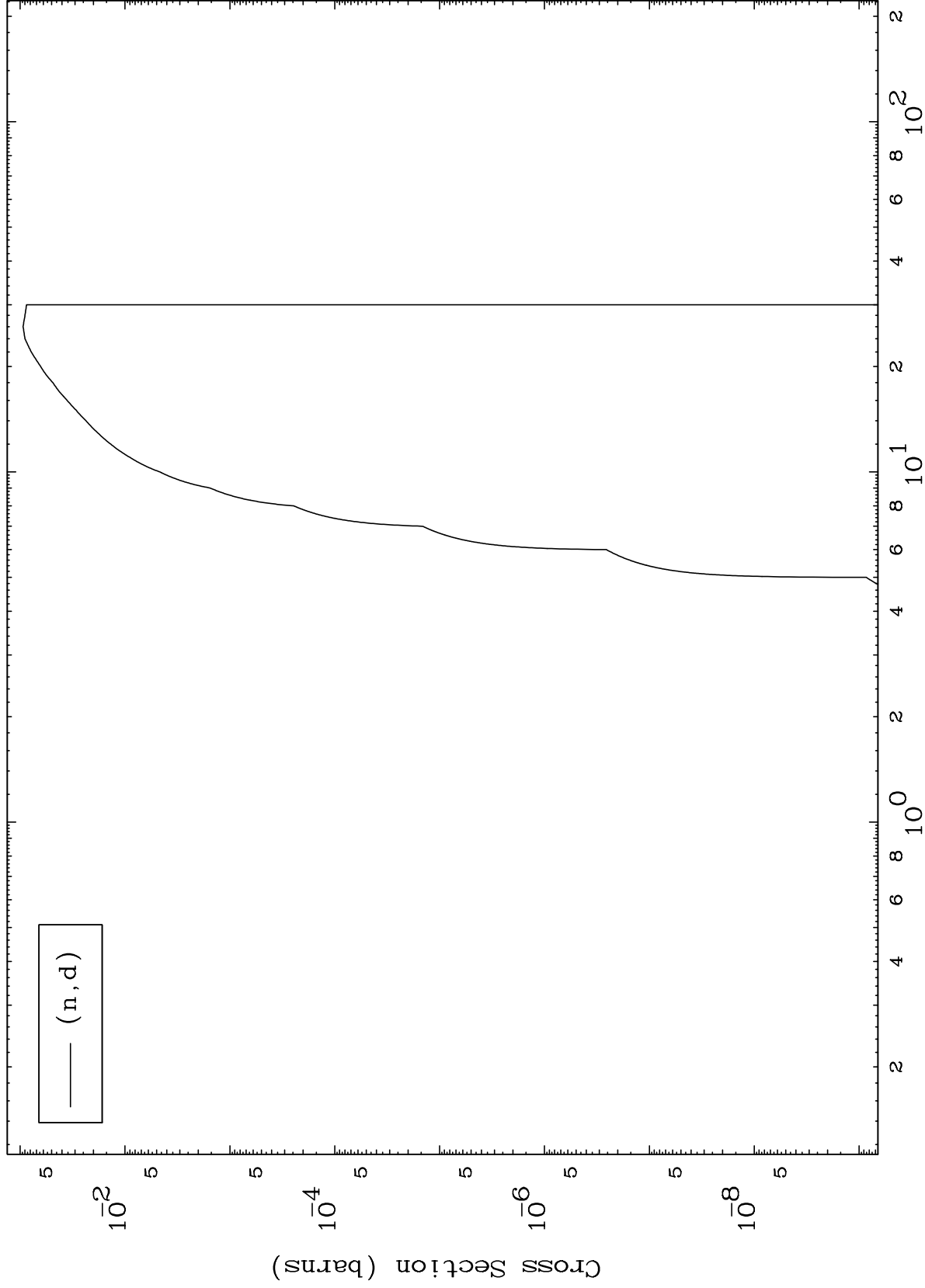
73-Ta-181

MAT 7328

(d,d) Levels

73-Ta-181

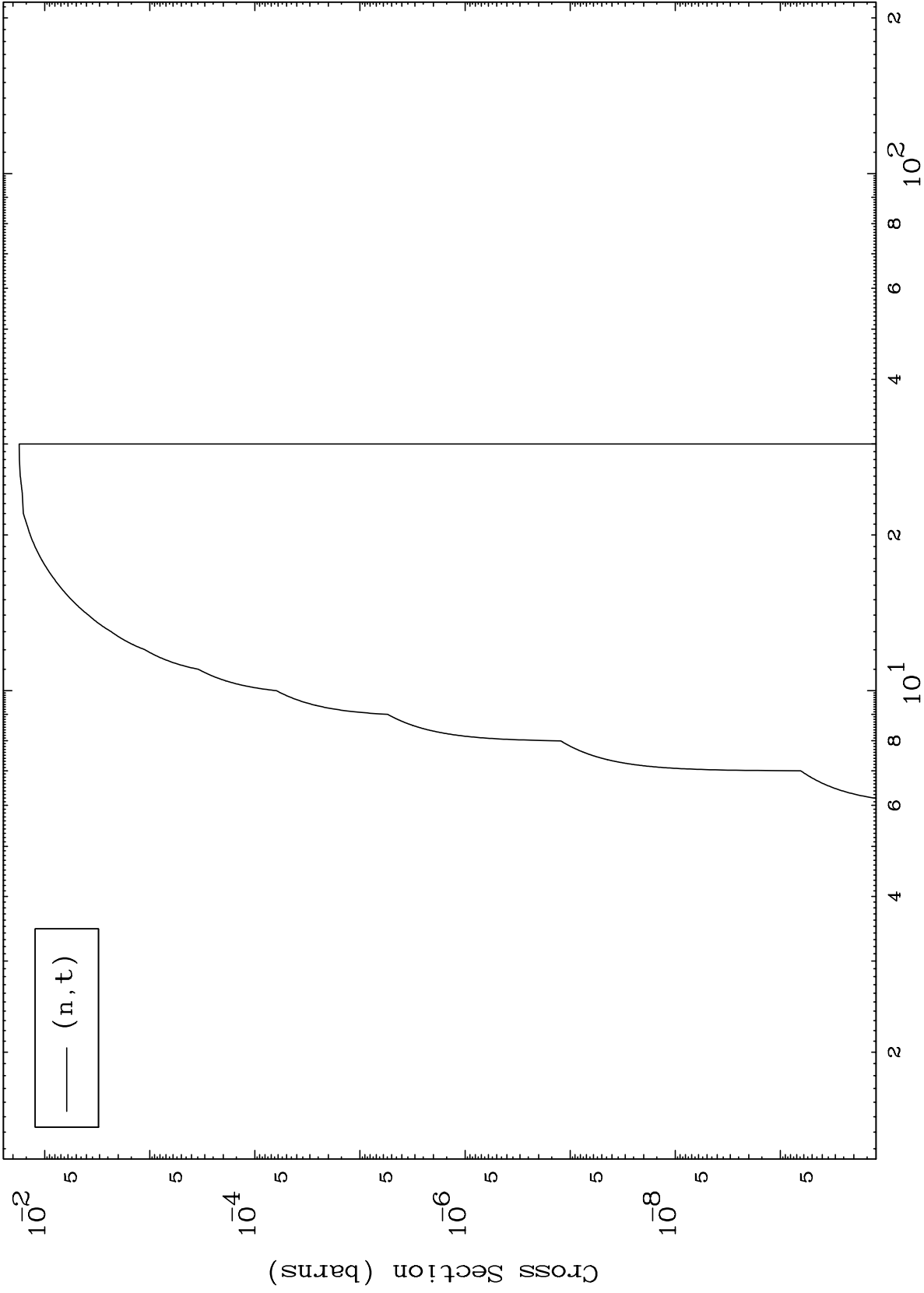
0 Kelvin Cross Sections



MAT 7328

⁷³Ta-181

(d,t) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

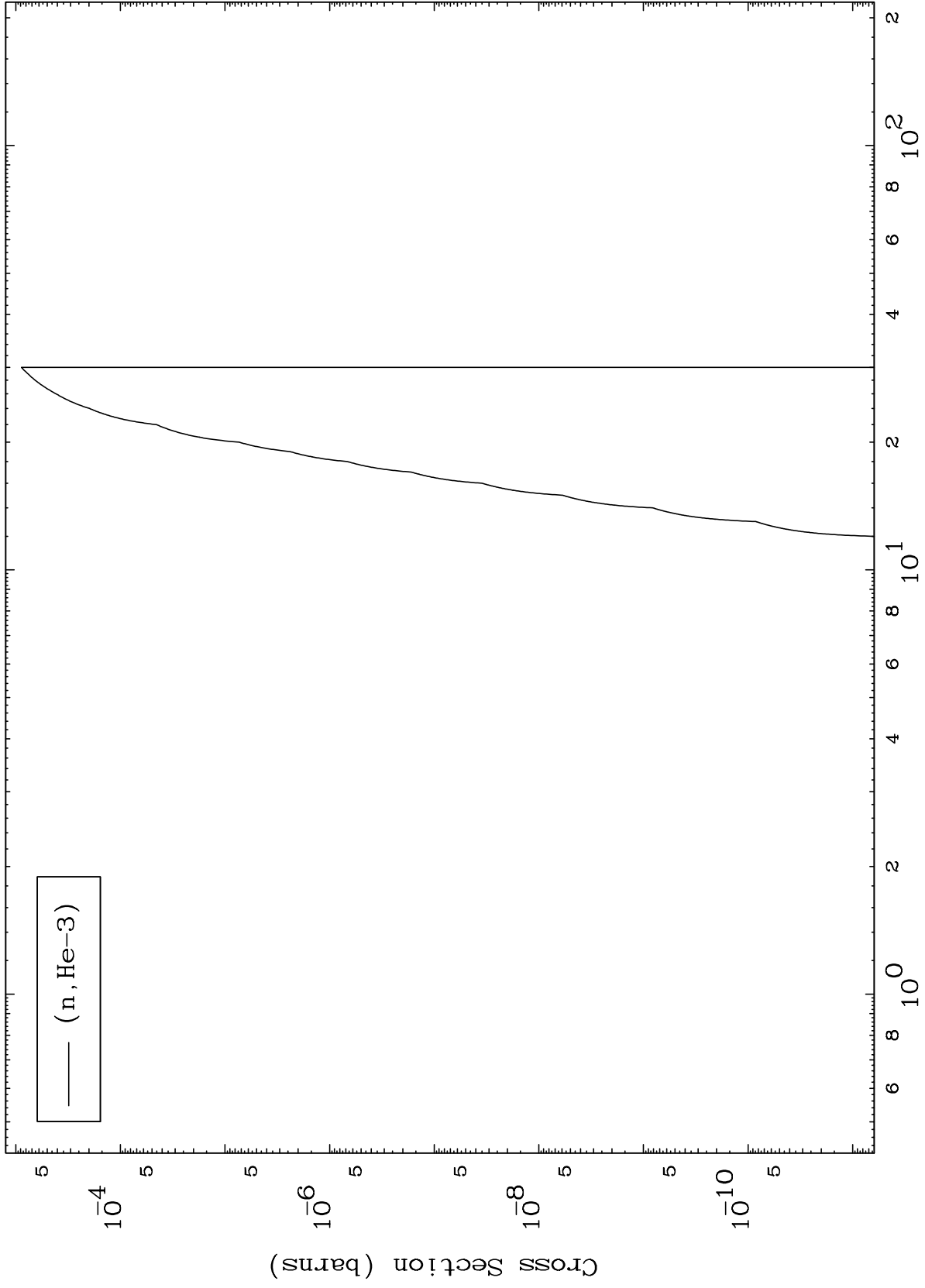
⁷³Ta-181

MAT 7328

(d,He3) Levels

73-Ta-181

0 Kelvin Cross Sections



10

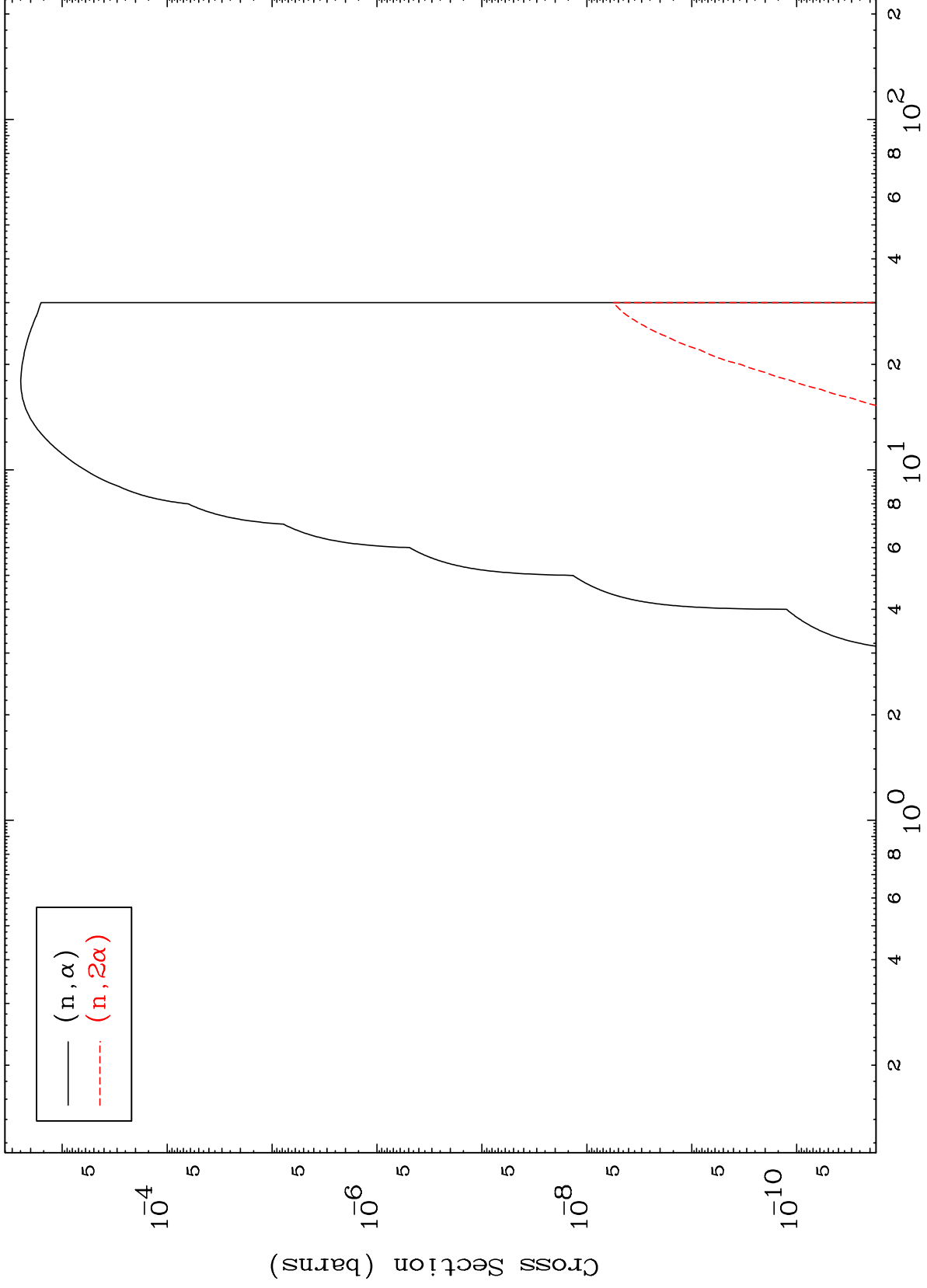
Incident Energy (MeV)

73-Ta-181

MAT 7328

(d, α) Levels
0 Kelvin Cross Sections

⁷³Ta-181

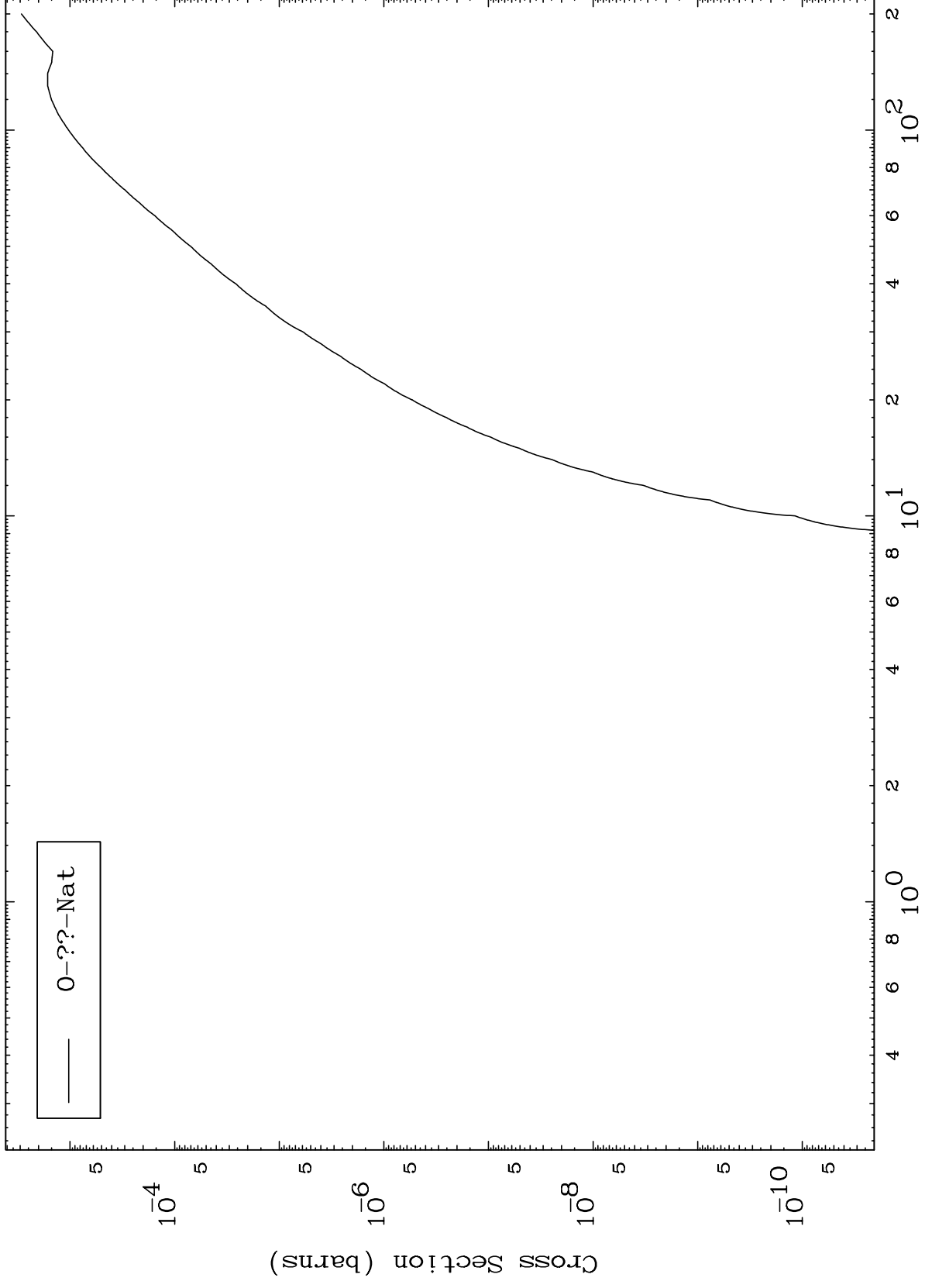


MAT 7328

Fission

⁷³Ta-181

Radionuclide Production Cross Section

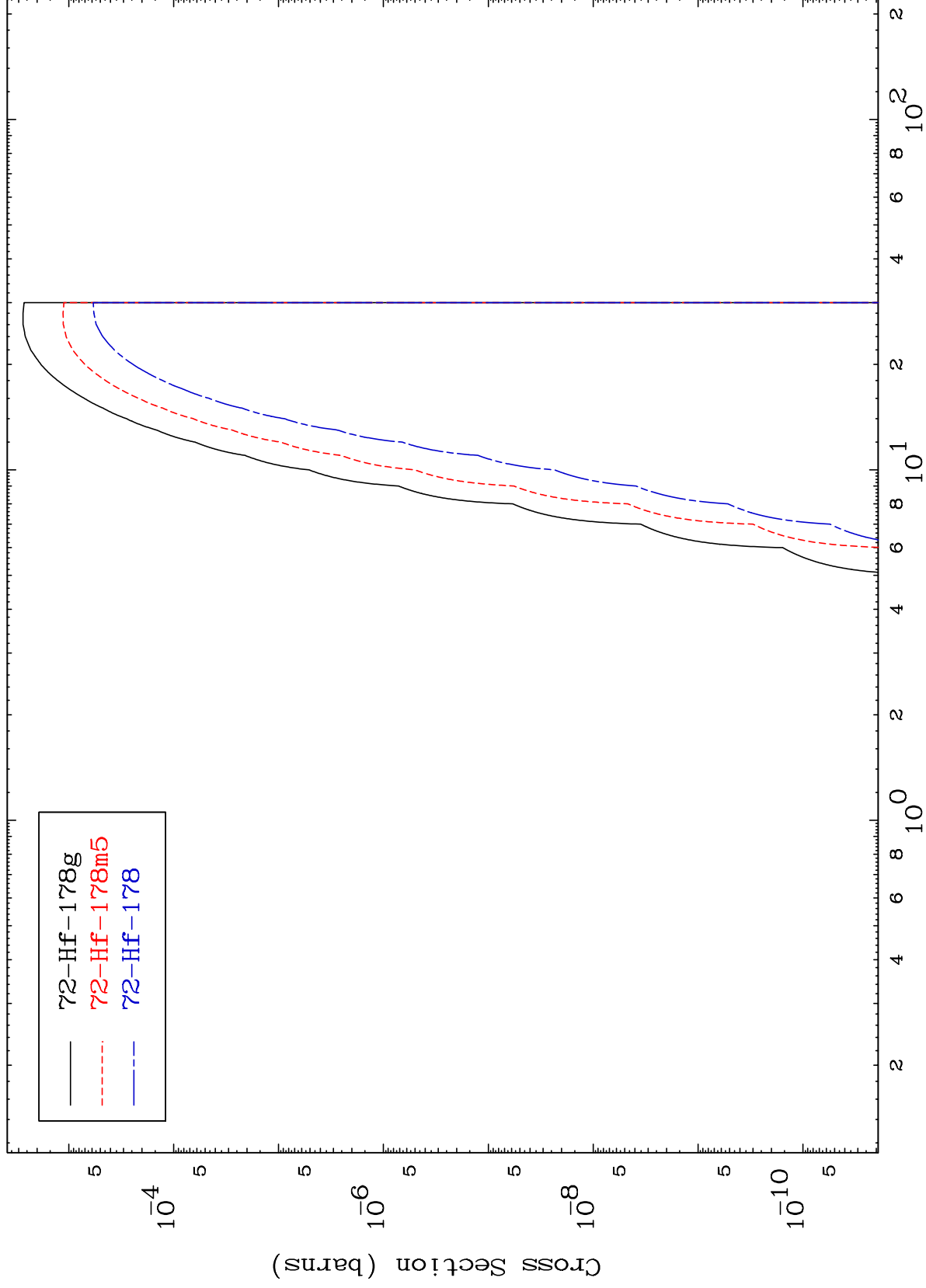


MAT 7328

$(n, n') \alpha$

$^{73}\text{Ta-181}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

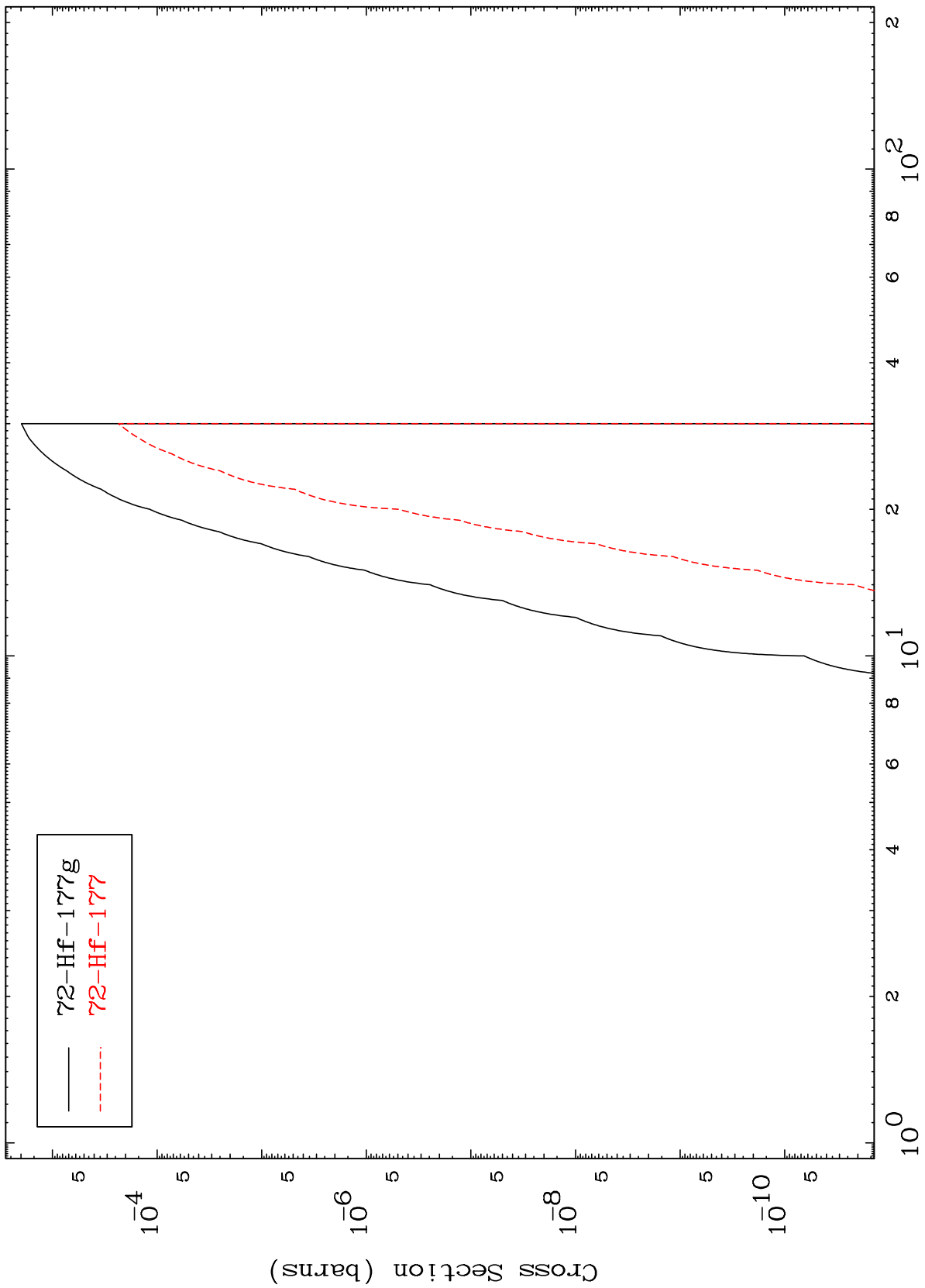
$^{73}\text{Ta-181}$

MAT 7328

$(n,2n) \alpha$

$^{73}\text{Ta-181}$

Radionuclide Production Cross Section



Incident Energy (MeV)

$^{73}\text{Ta-181}$

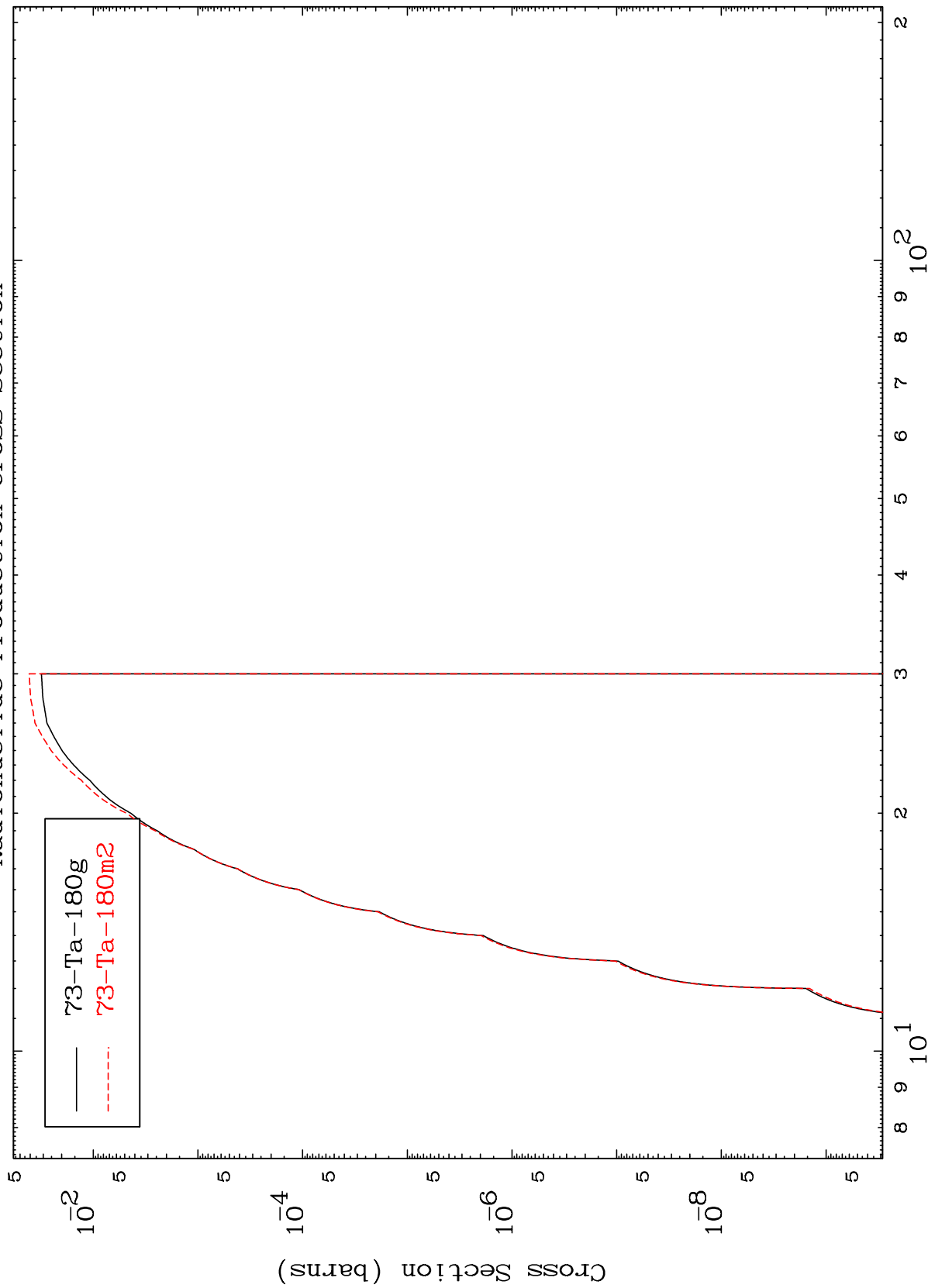
14

MAT 7328

(n,n') d

⁷³Ta-181

Radionuclide Production Cross Section



15

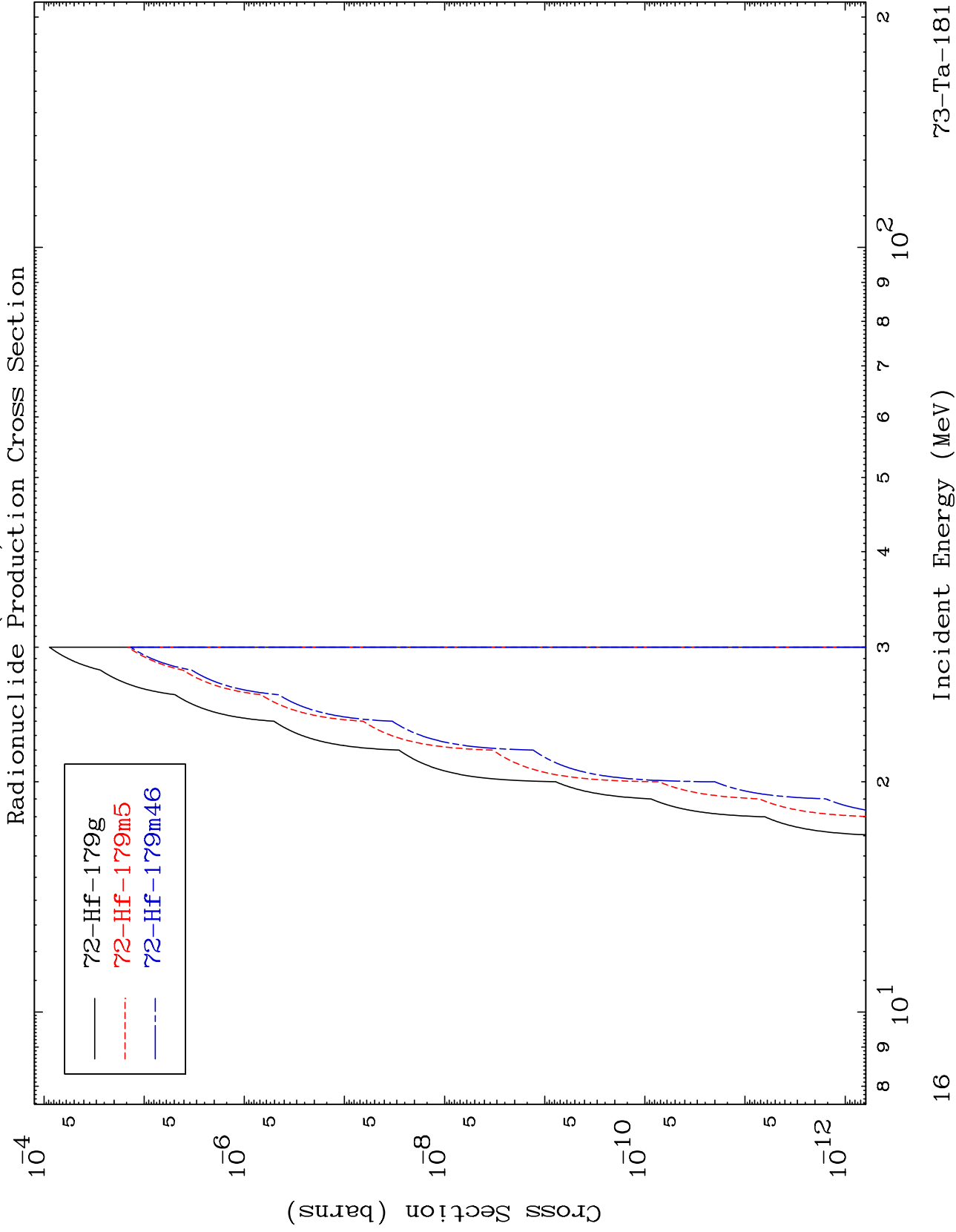
Incident Energy (MeV)

⁷³Ta-181

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(n,n') He-3

73-Ta-181

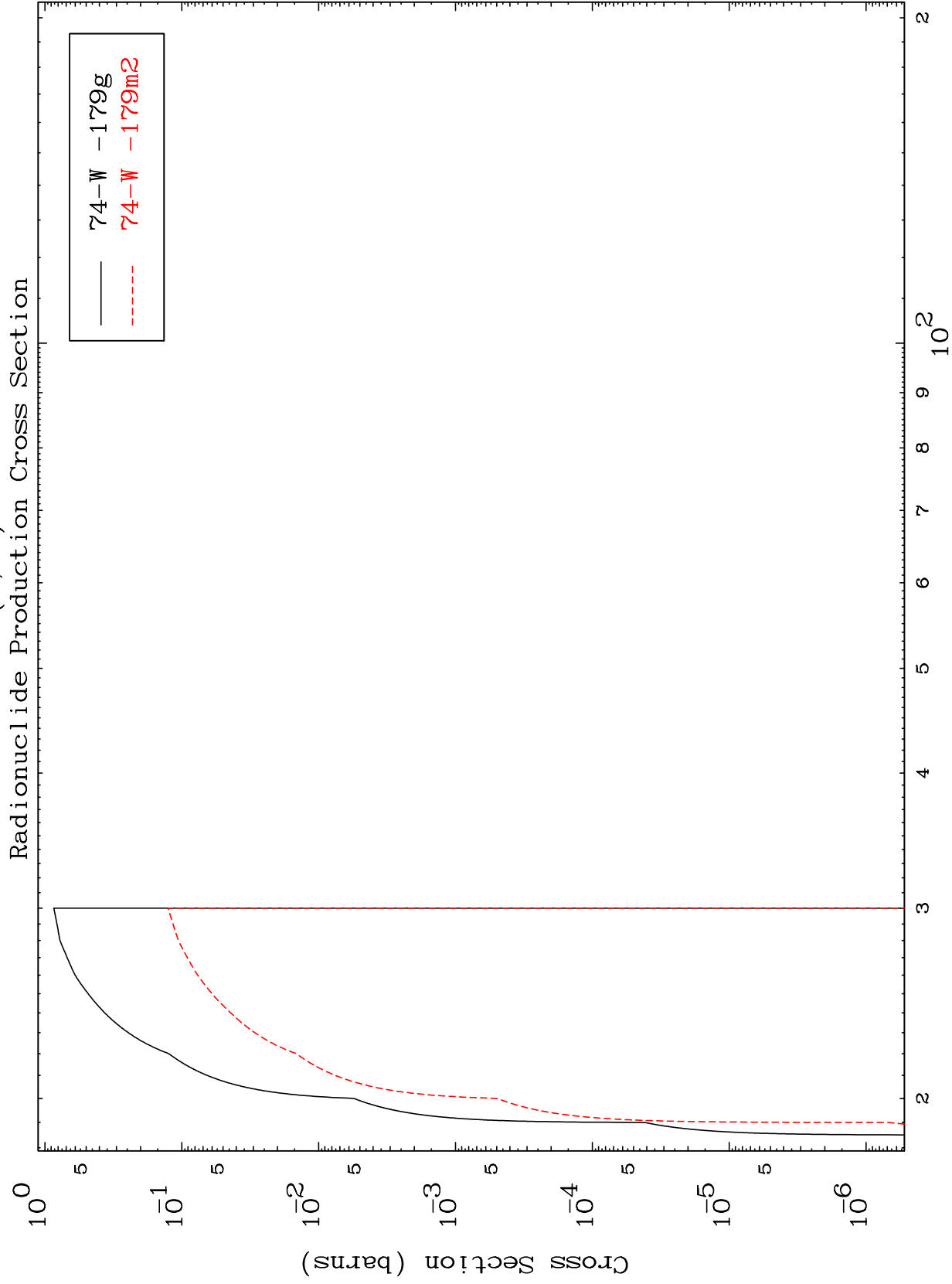


16

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(n,4n)

73-Ta-181



17

Incident Energy (MeV)

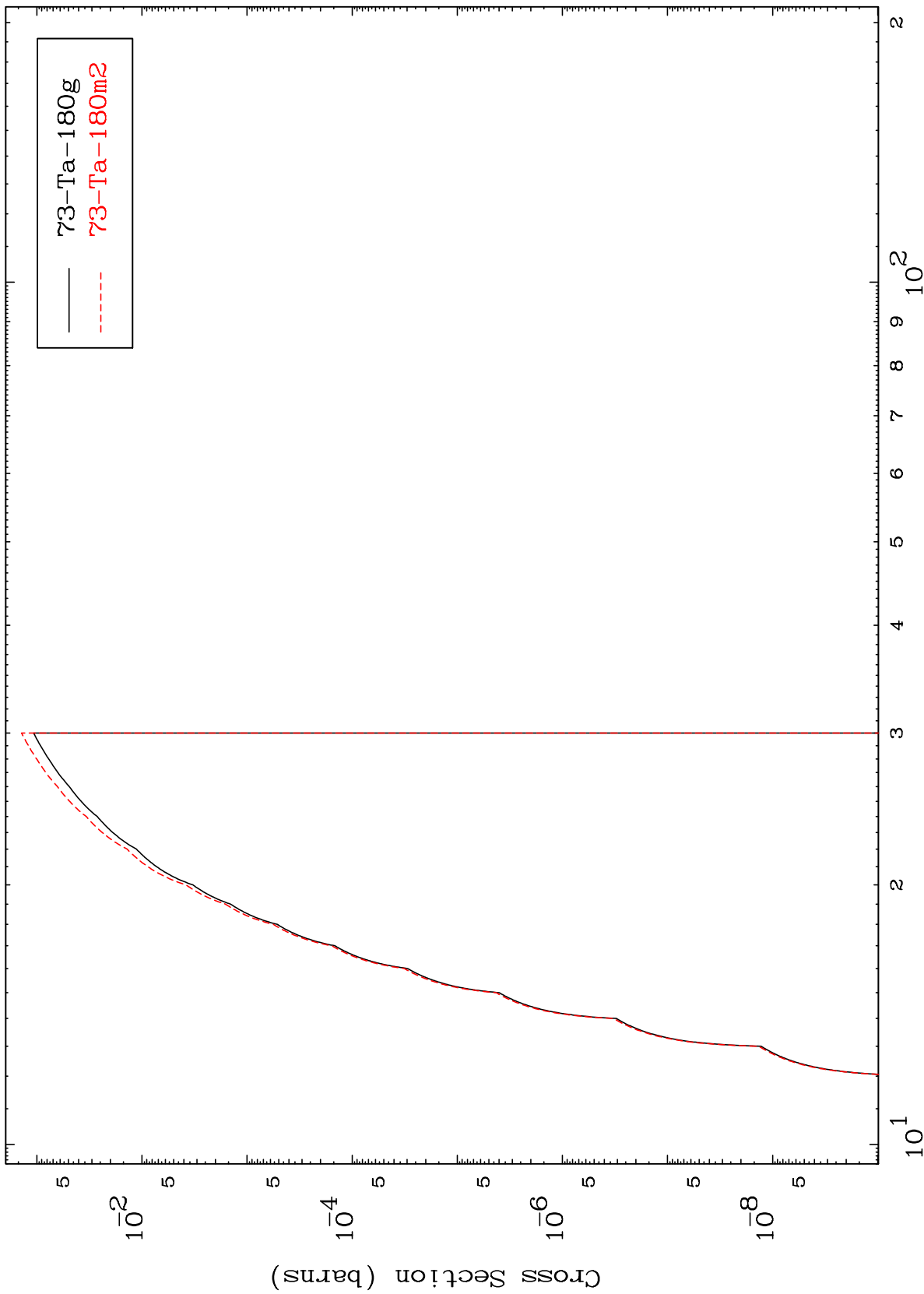
73-Ta-181

MAT 7328

(n,2n) p

⁷³Ta-181

Radionuclide Production Cross Section



73-Ta-180g
73-Ta-180m2

Incident Energy (MeV)

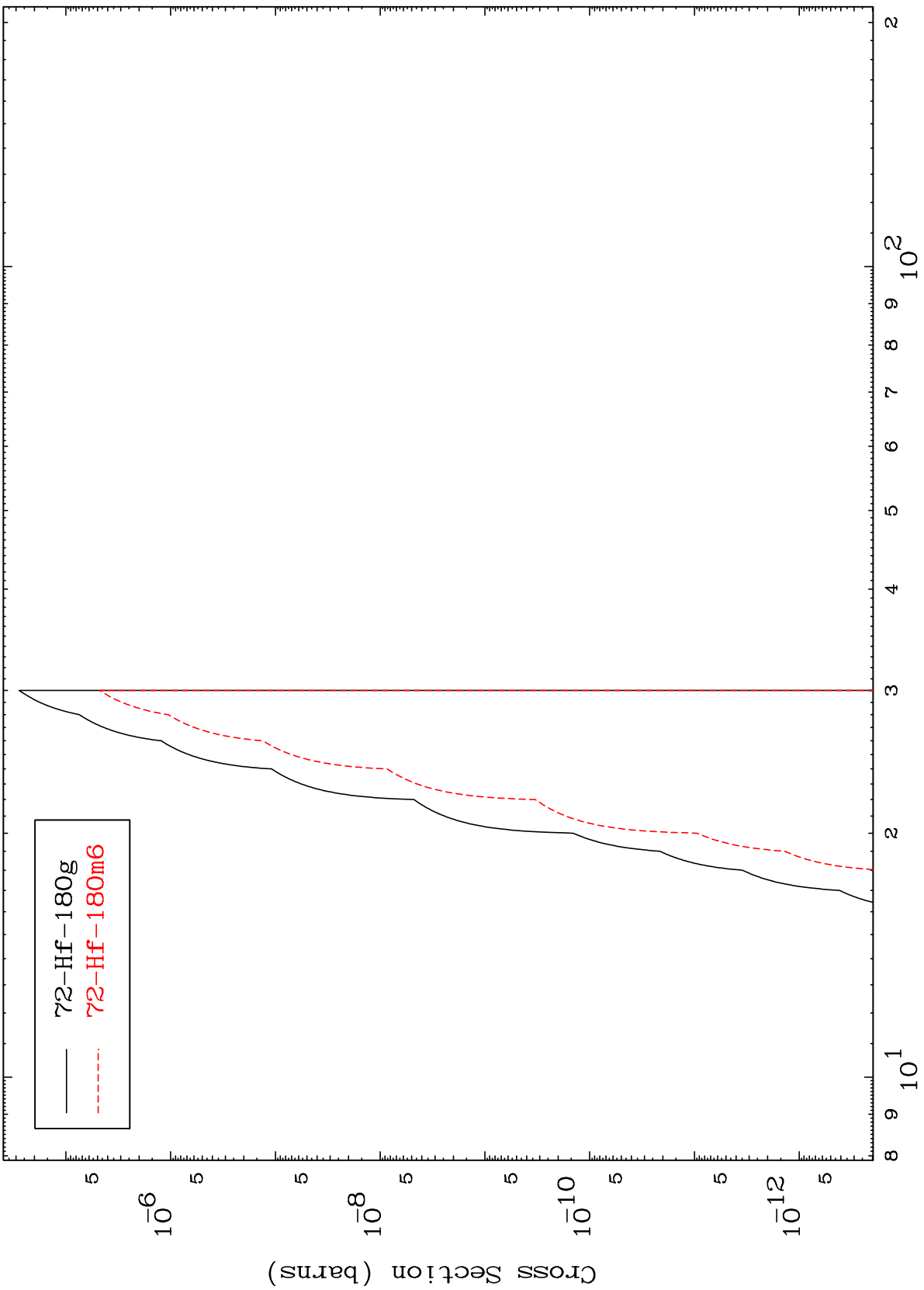
⁷³Ta-181

MAT 7328

(n,2n) p

73-Ta-181

Radionuclide Production Cross Section



72-Hf-180g
72-Hf-180m6

19

Incident Energy (MeV)

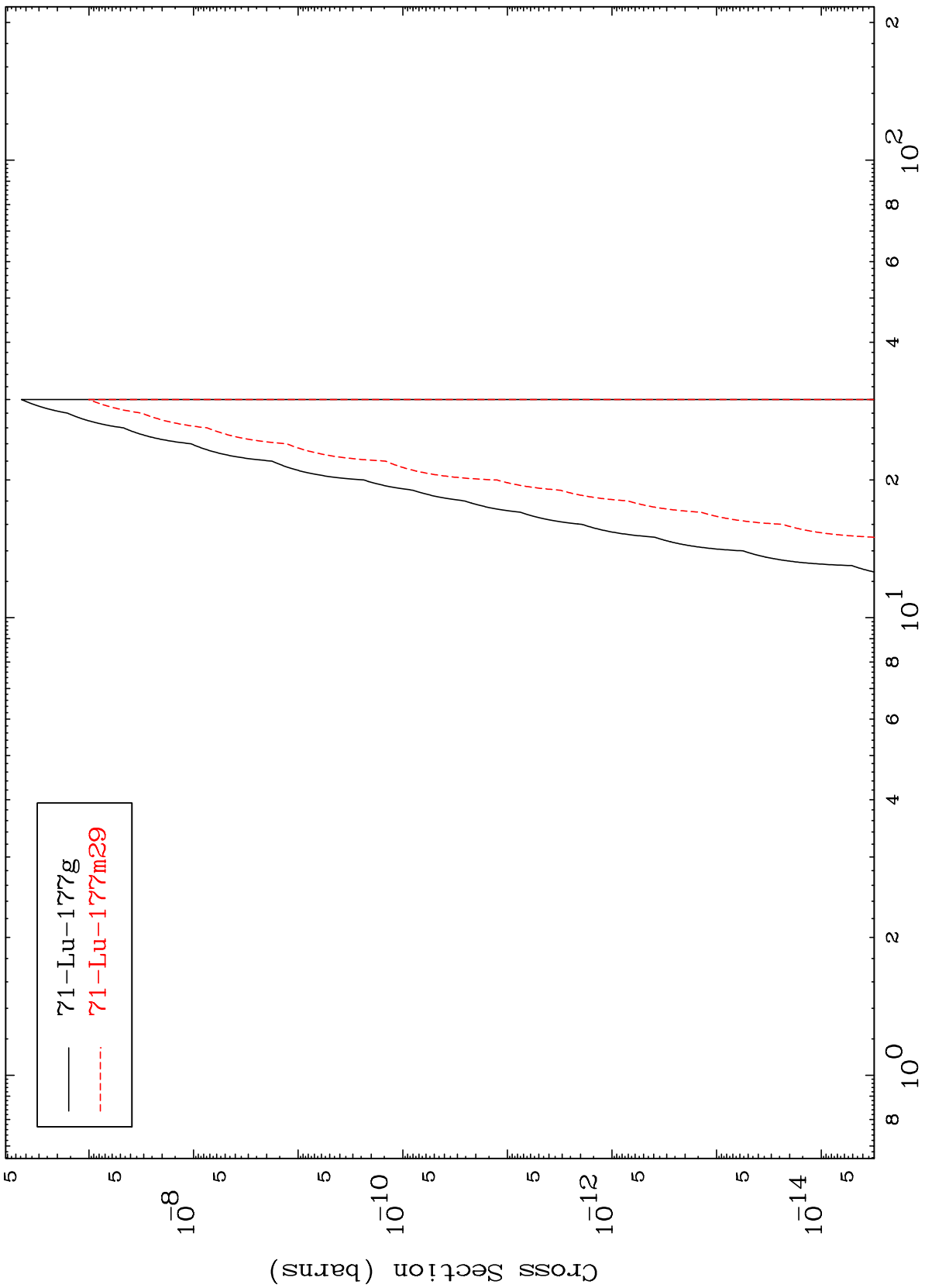
73-Ta-181

MAT 7328

(n,n') p α

73-Ta-181

Radionuclide Production Cross Section



20

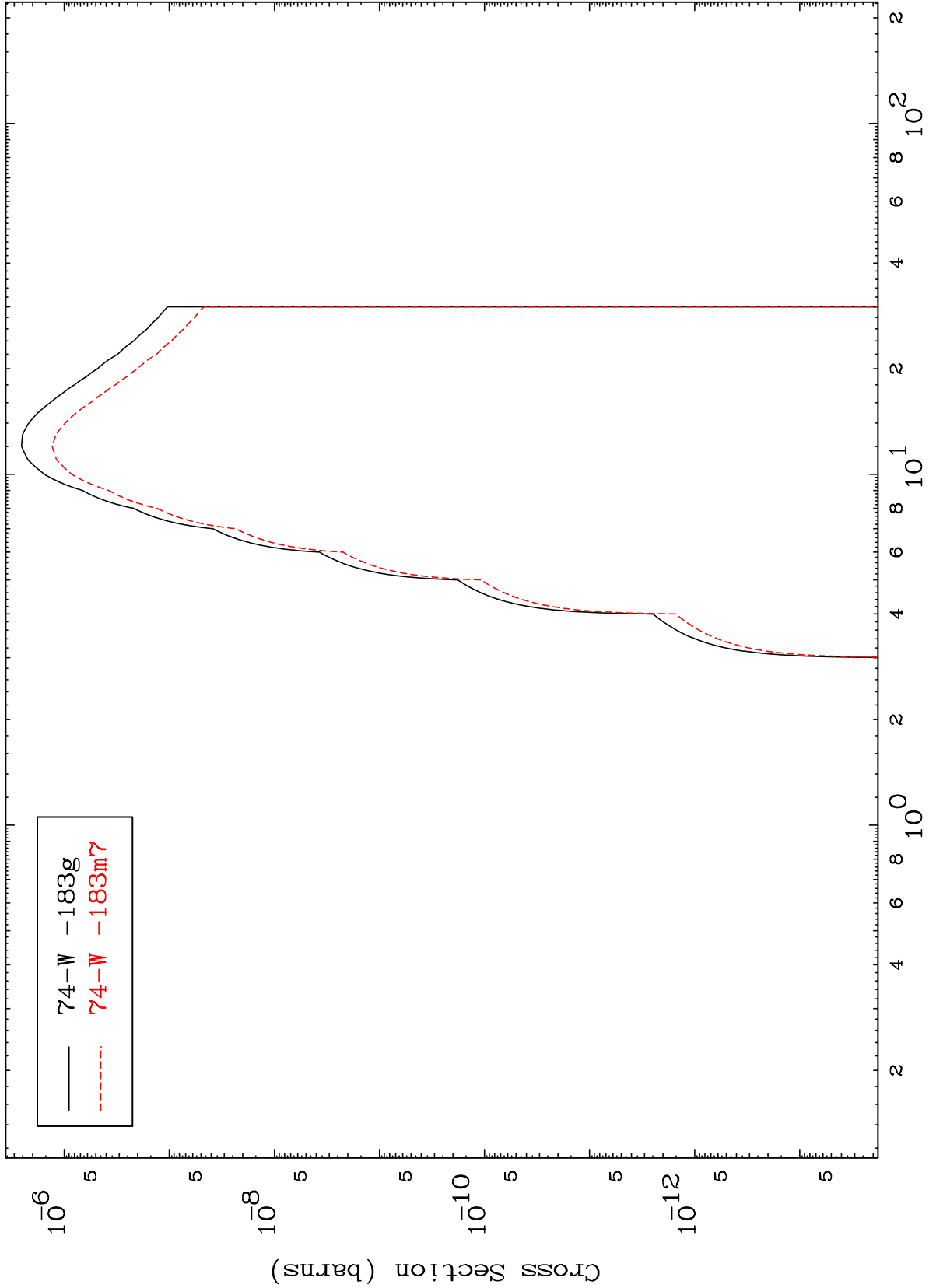
Incident Energy (MeV)

73-Ta-181

MAT 7328

73-Ta-181

(n, γ)
Radionuclide Production Cross Section

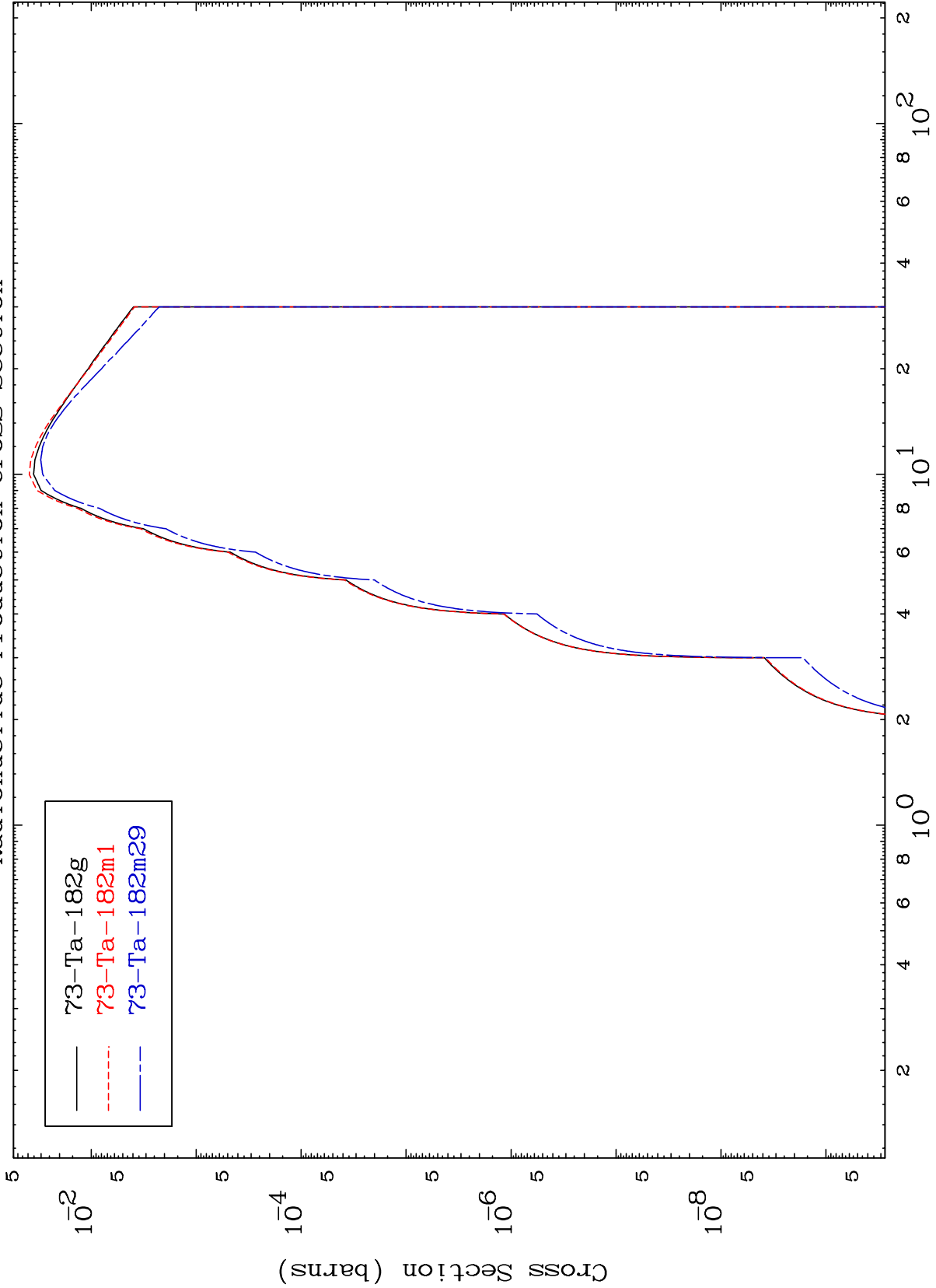


74-W - 183g
74-W - 183m7

MAT 7328

⁷³Ta-181

(n,p)
Radionuclide Production Cross Section



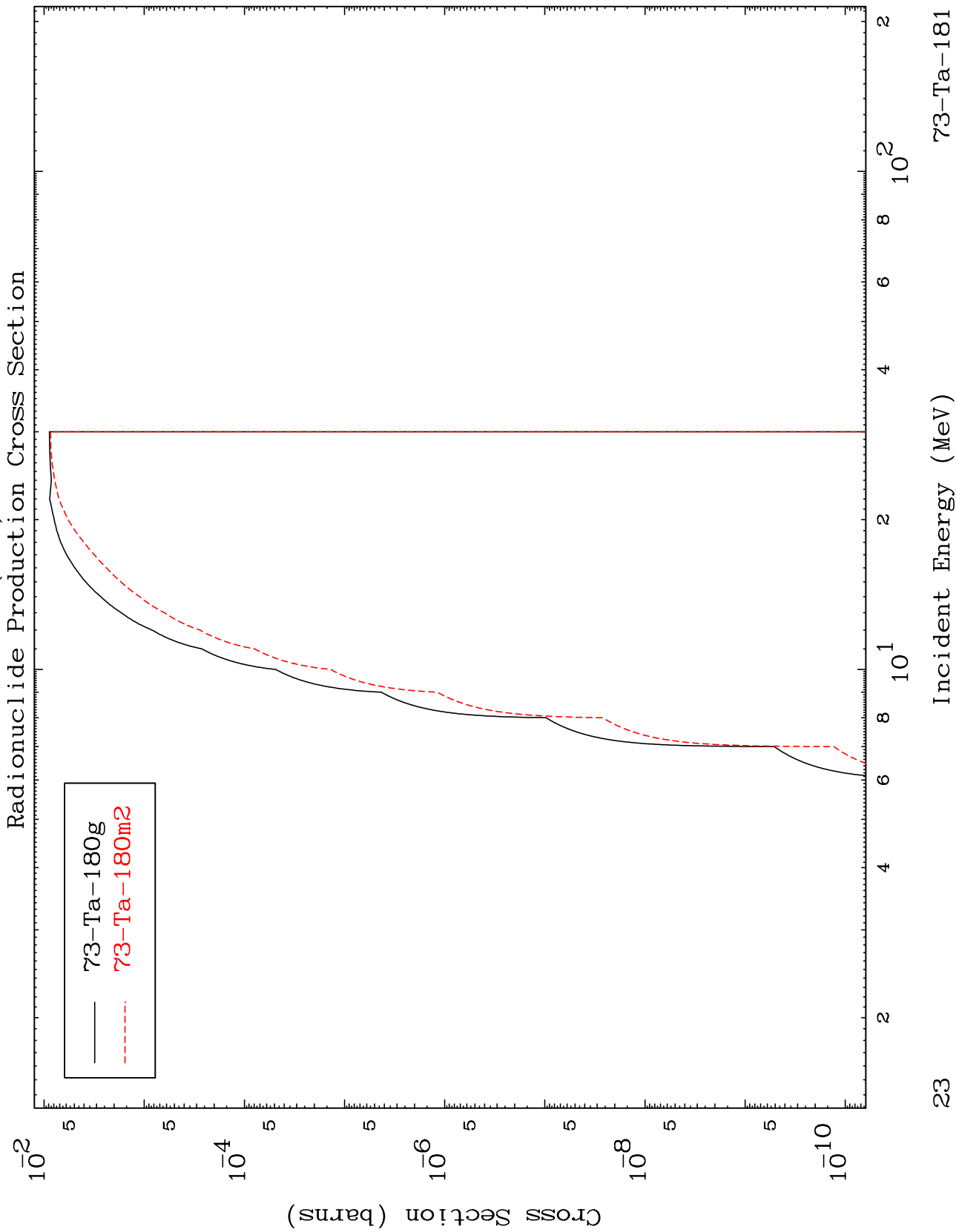
⁷³Ta-181

Incident Energy (MeV)

22

MAT 7328

⁷³Ta-181



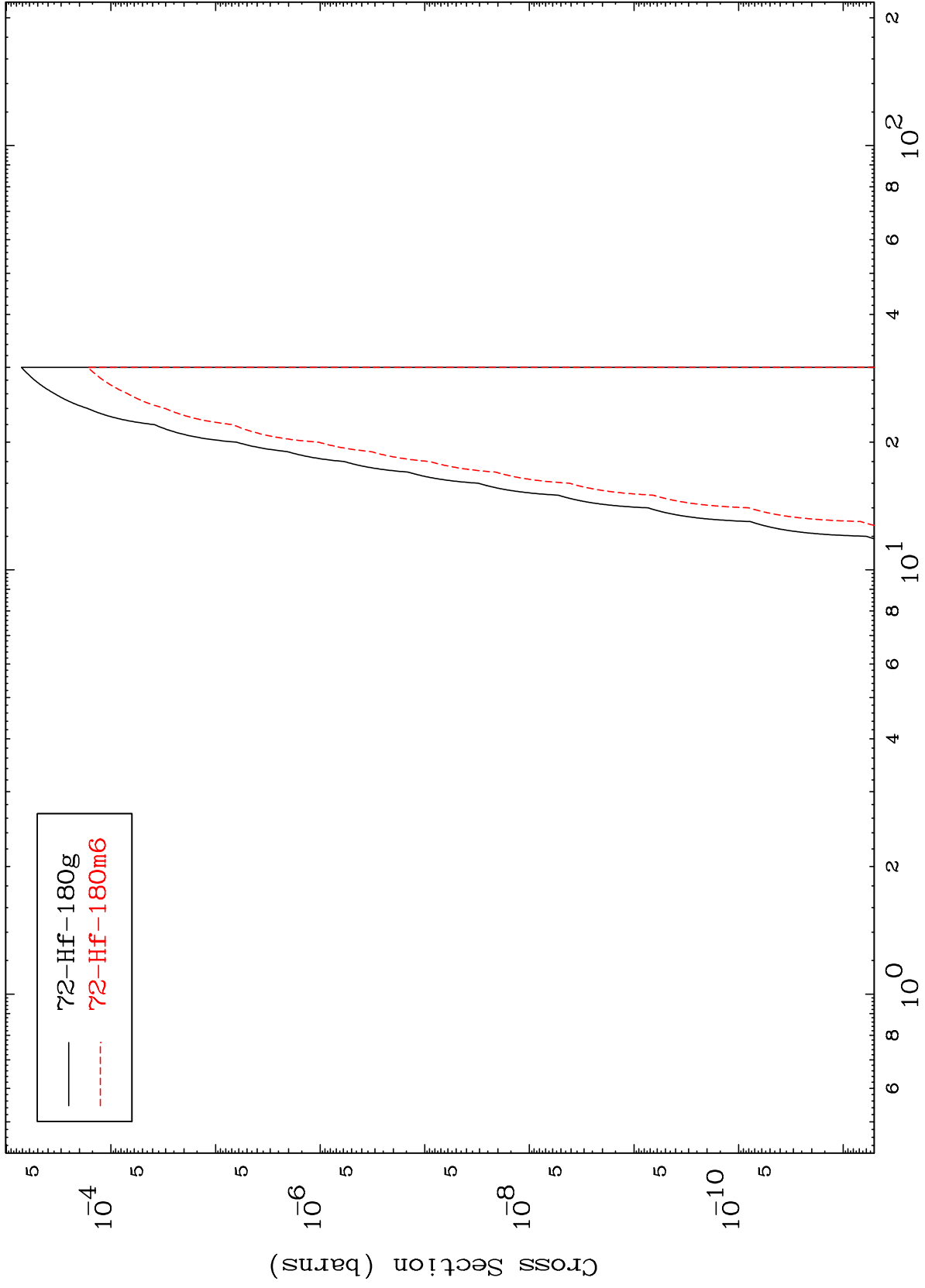
— ⁷³Ta-180g
- - - ⁷³Ta-180m2

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(n,He-3)

73-Ta-181

Radionuclide Production Cross Section



24

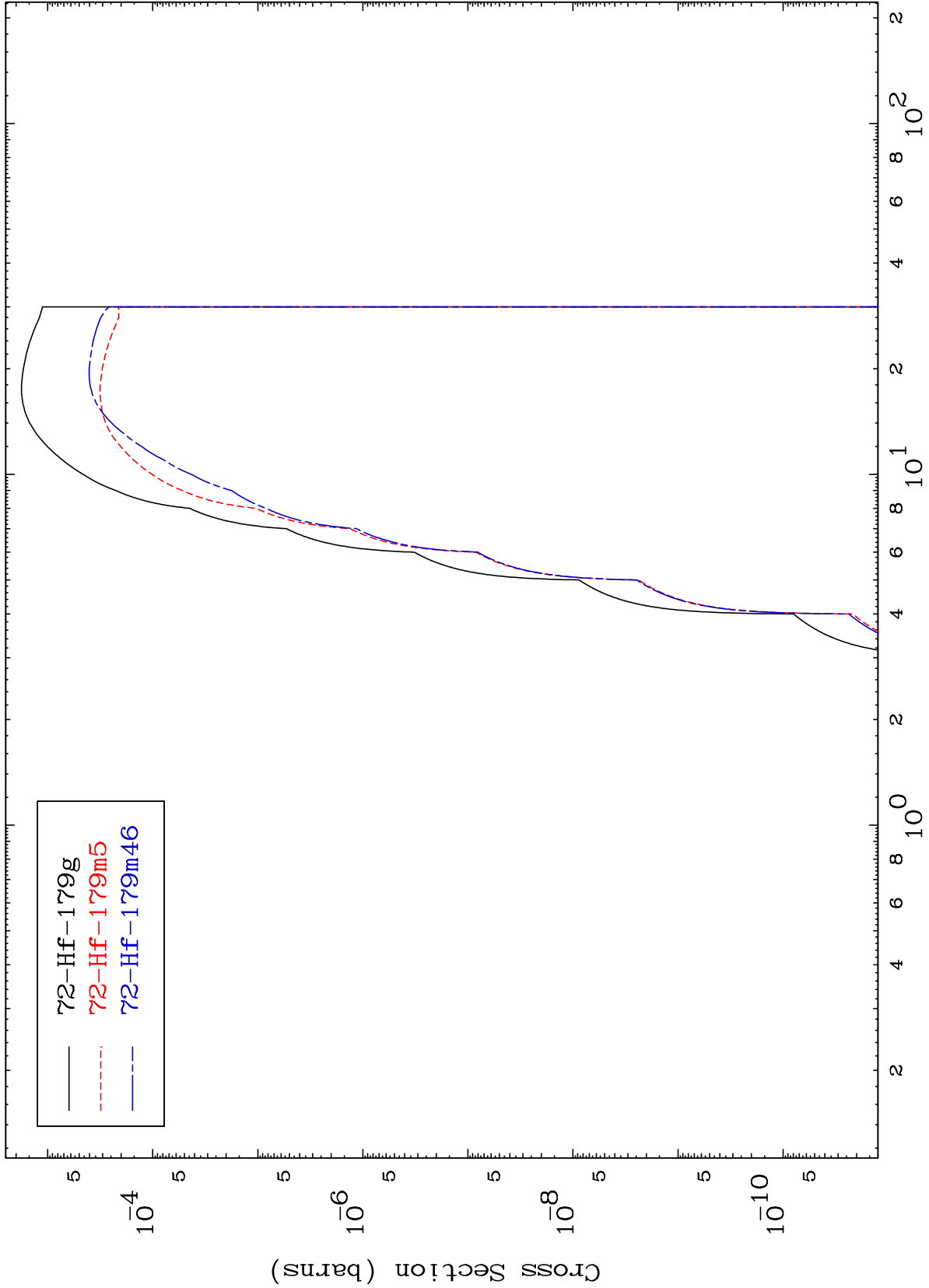
Incident Energy (MeV)

73-Ta-181

MAT 7328

⁷³Ta-181

Radionuclide Production Cross Section



25

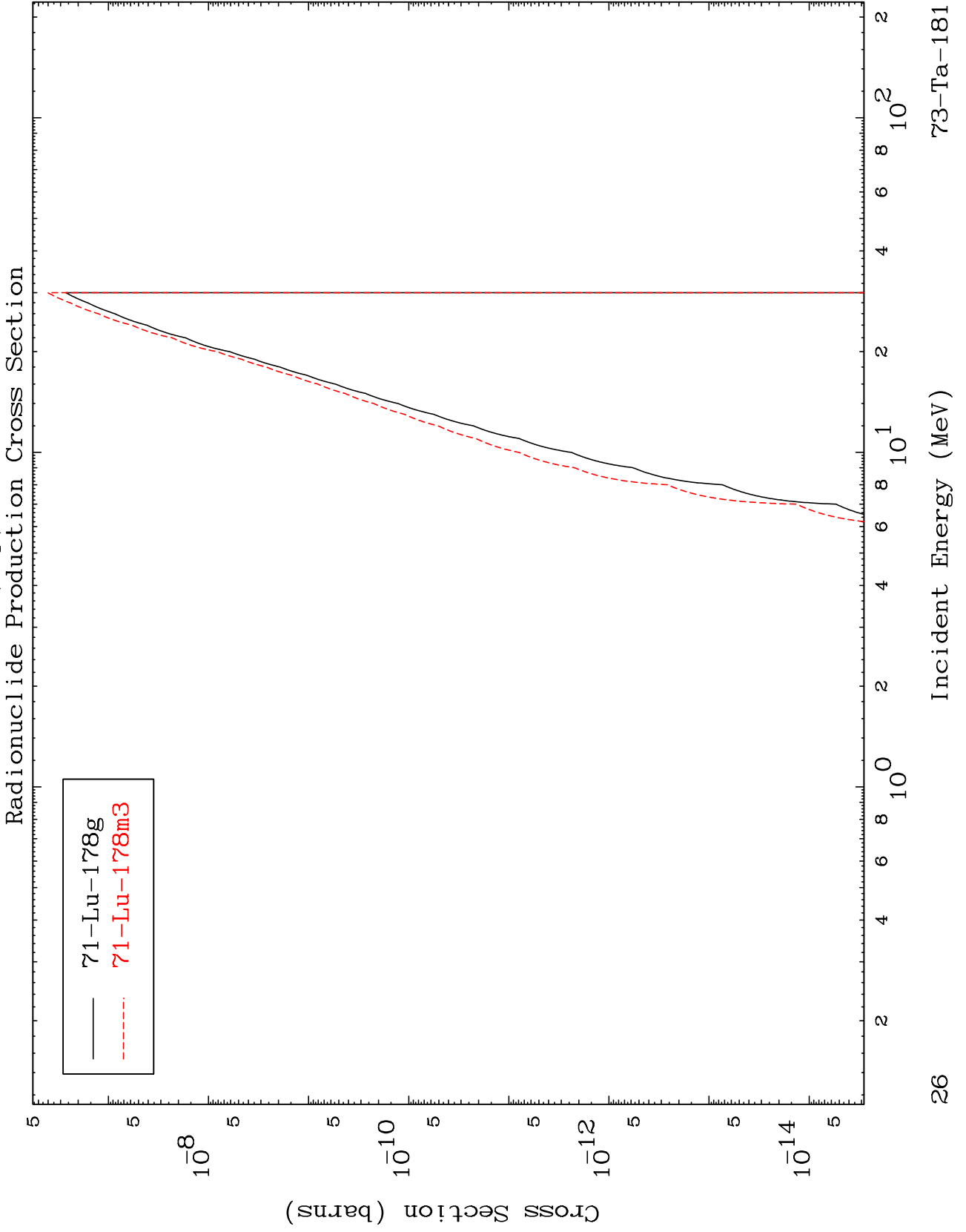
⁷³Ta-181

Incident Energy (MeV)

MAT 7328

(n,p) α

⁷³Ta-181

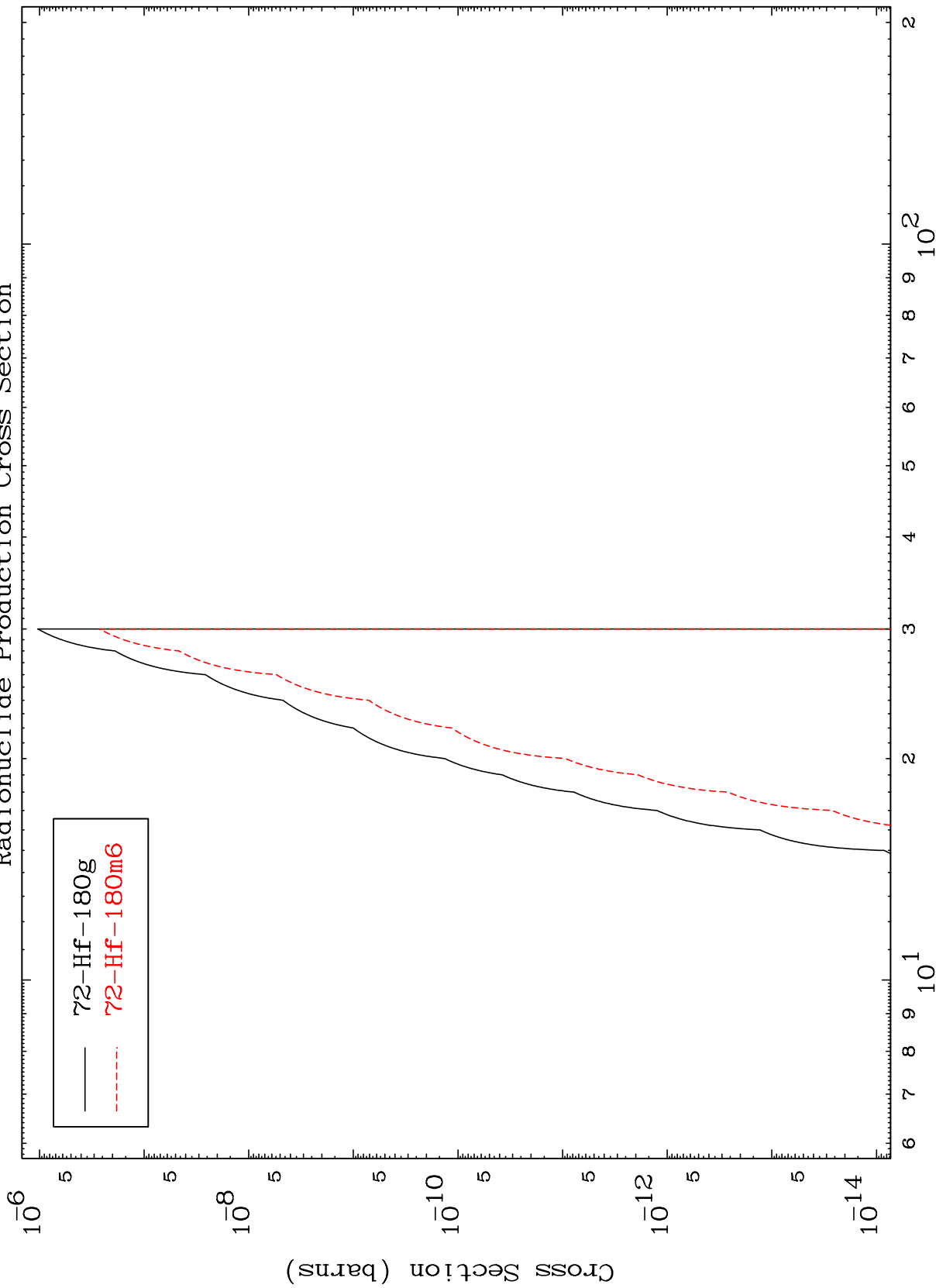


MAT 7328

(n,p) d

⁷³Ta-181

Radionuclide Production Cross Section



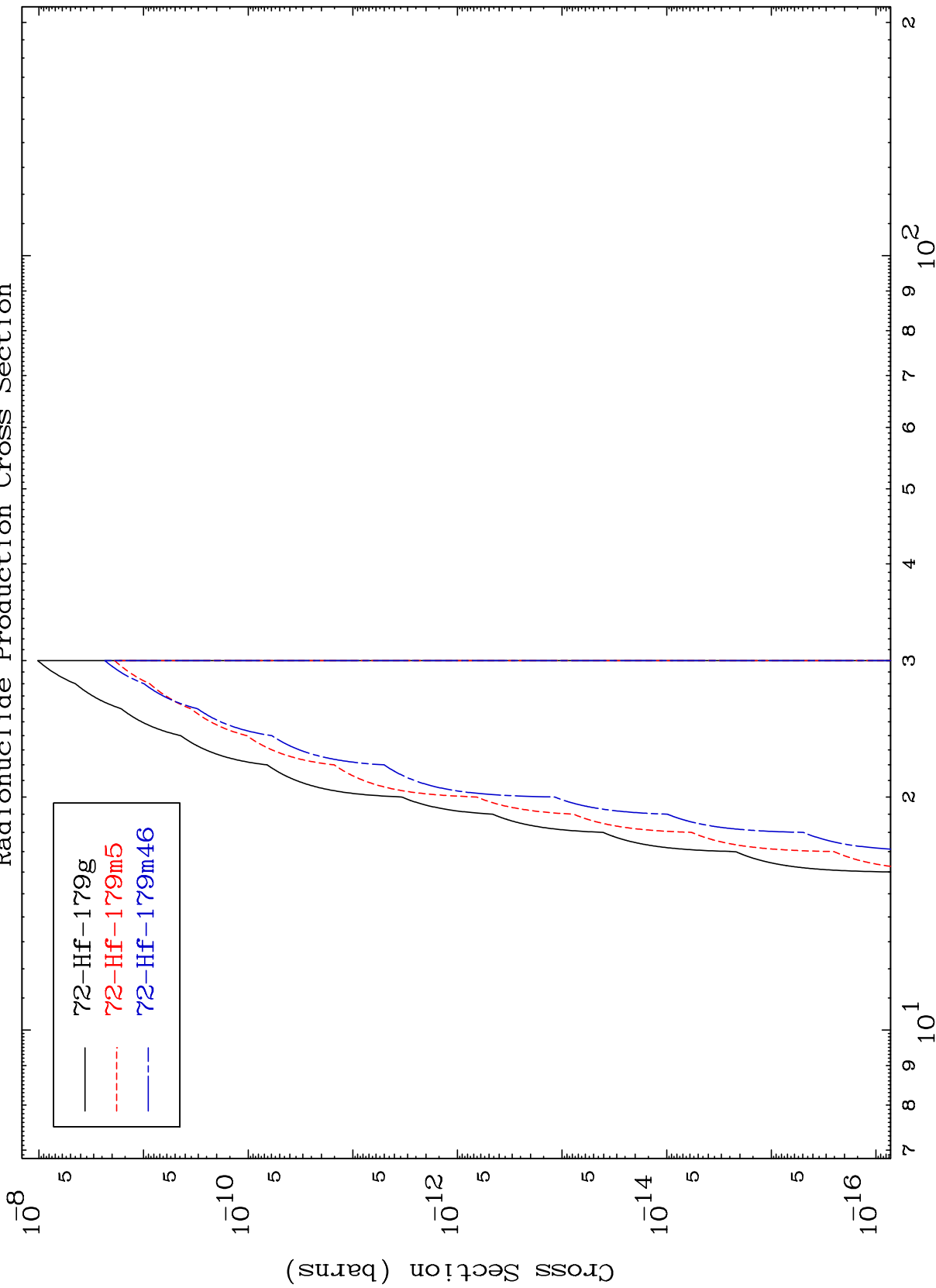
72-Hf-180g
72-Hf-180m6

MAT 7328

(n,p) t

⁷³Ta-181

Radionuclide Production Cross Section



28

Incident Energy (MeV)

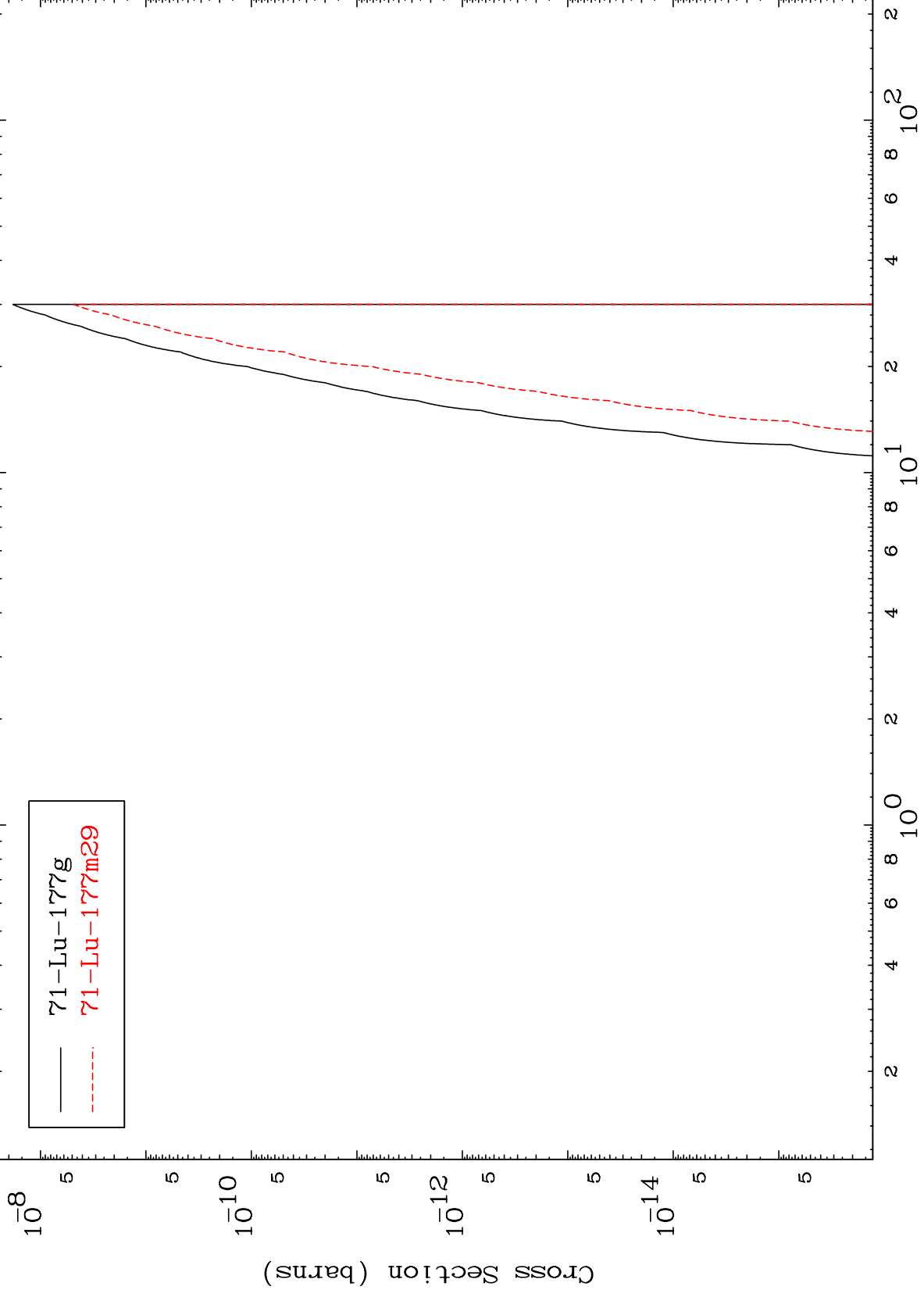
⁷³Ta-181

MAT 7328

(n,d) α

$^{73}\text{Ta-181}$

Radionuclide Production Cross Section



29

Incident Energy (MeV)

$^{73}\text{Ta-181}$