

Program EVALPLOT
(Version 2018-1)

by

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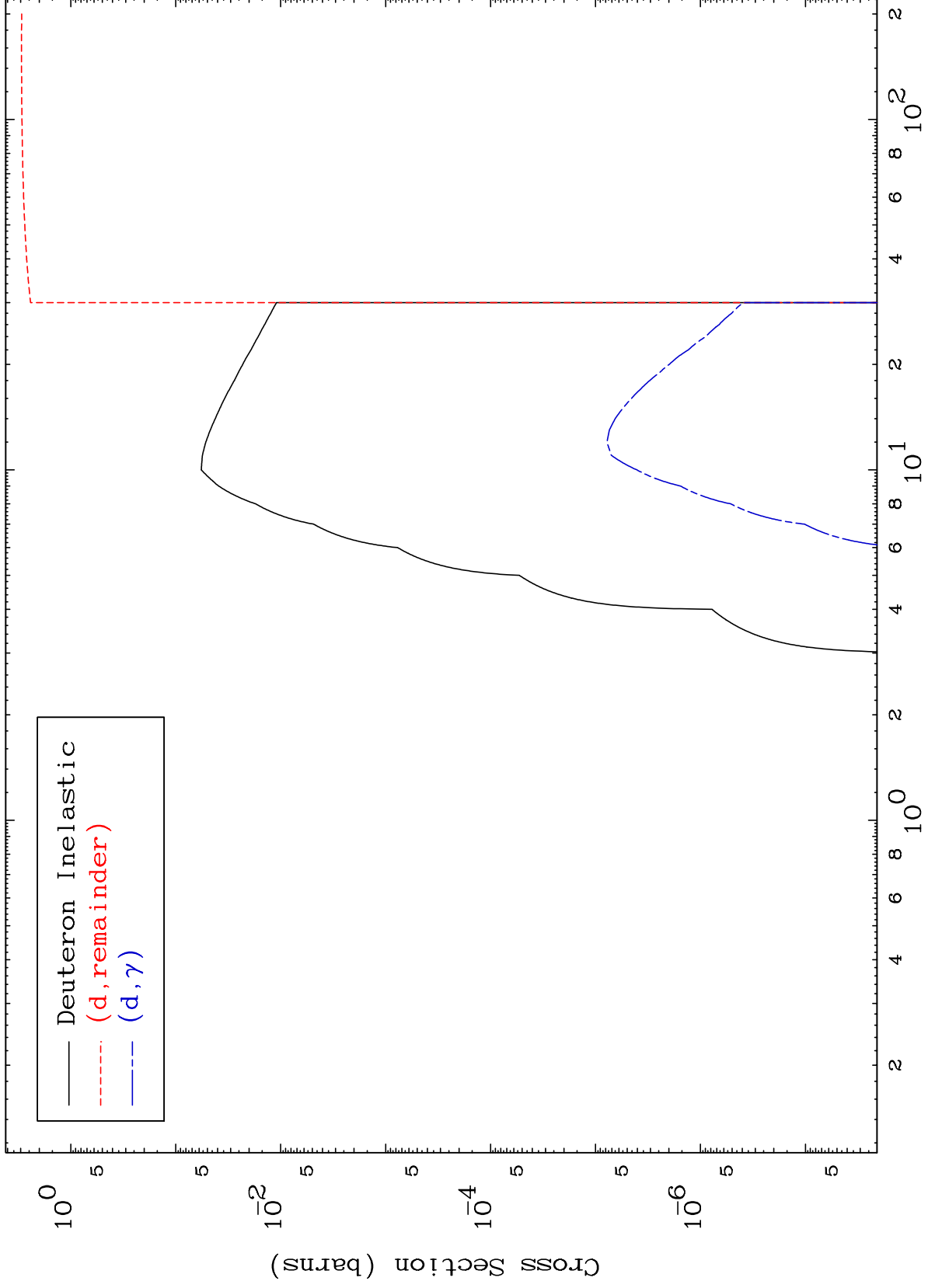
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7320

Deuteron Major
0 Kelvin Cross Sections

73-Ta-178

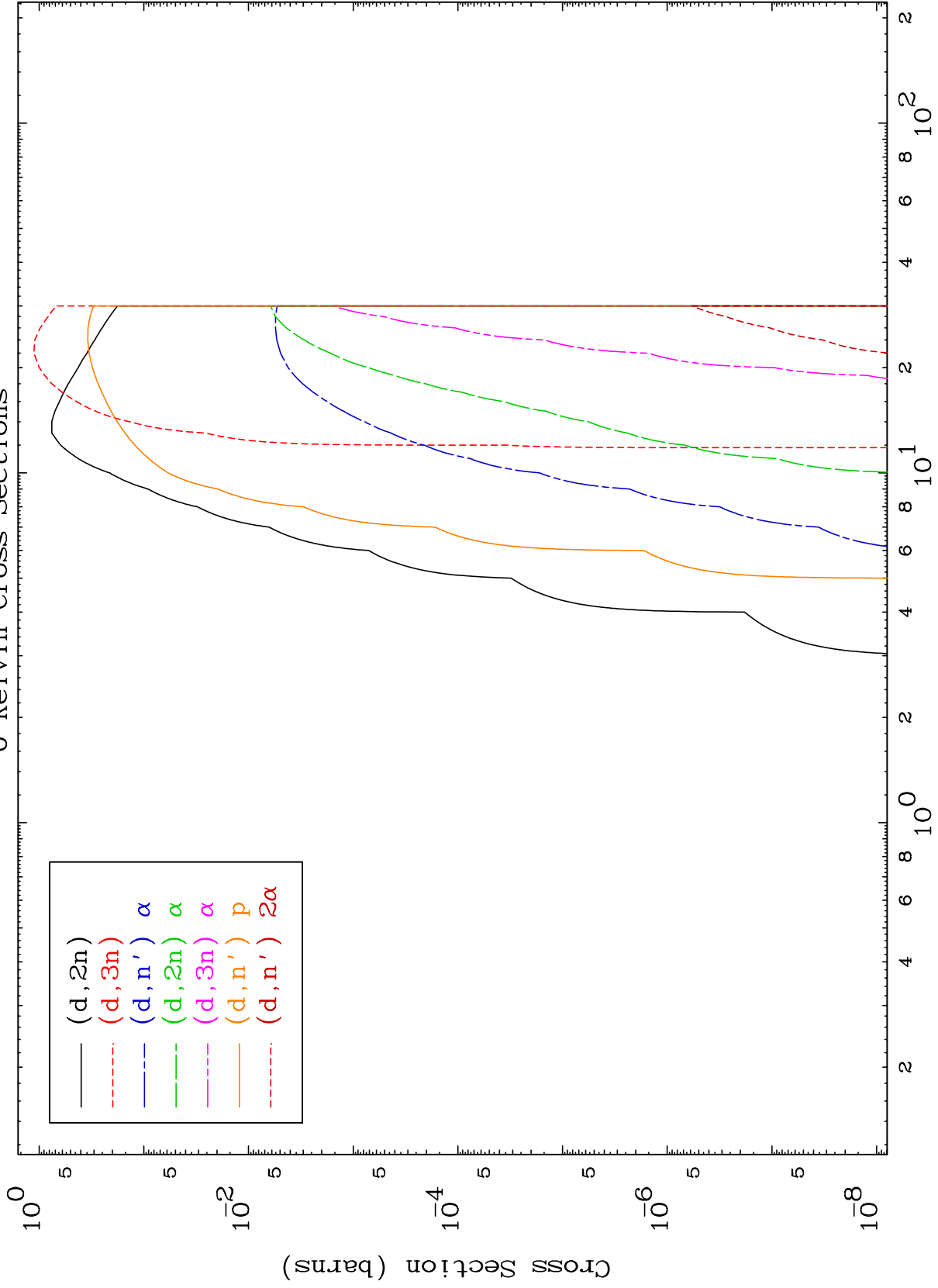


— Deuteron Inelastic
- - - (d, remainder)
- . - (d, γ)

MAT 7320

Deuteron Neutron Production
0 Kelvin Cross Sections

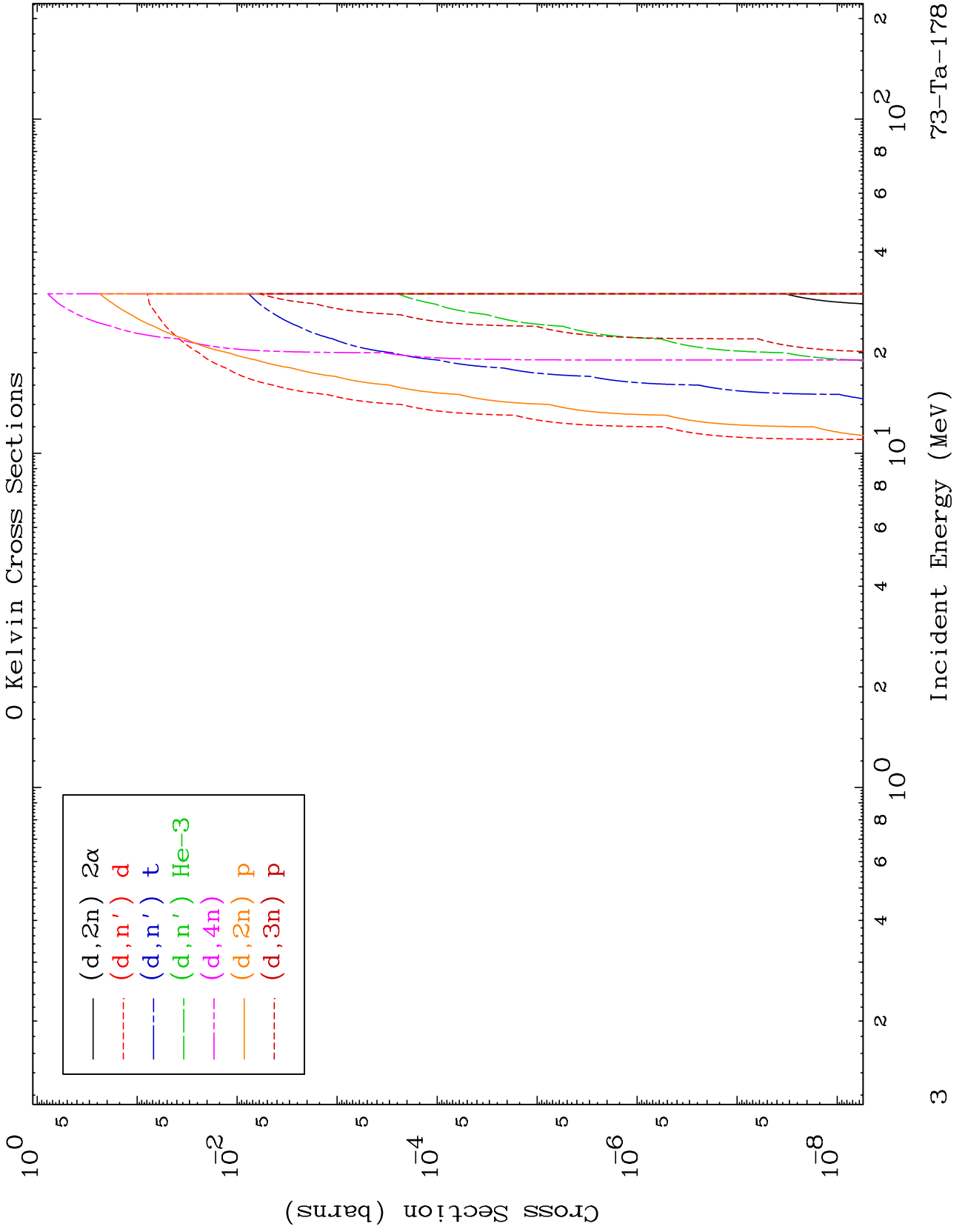
73-Ta-178



MAT 7320

Deuteron Neutron Production
0 Kelvin Cross Sections

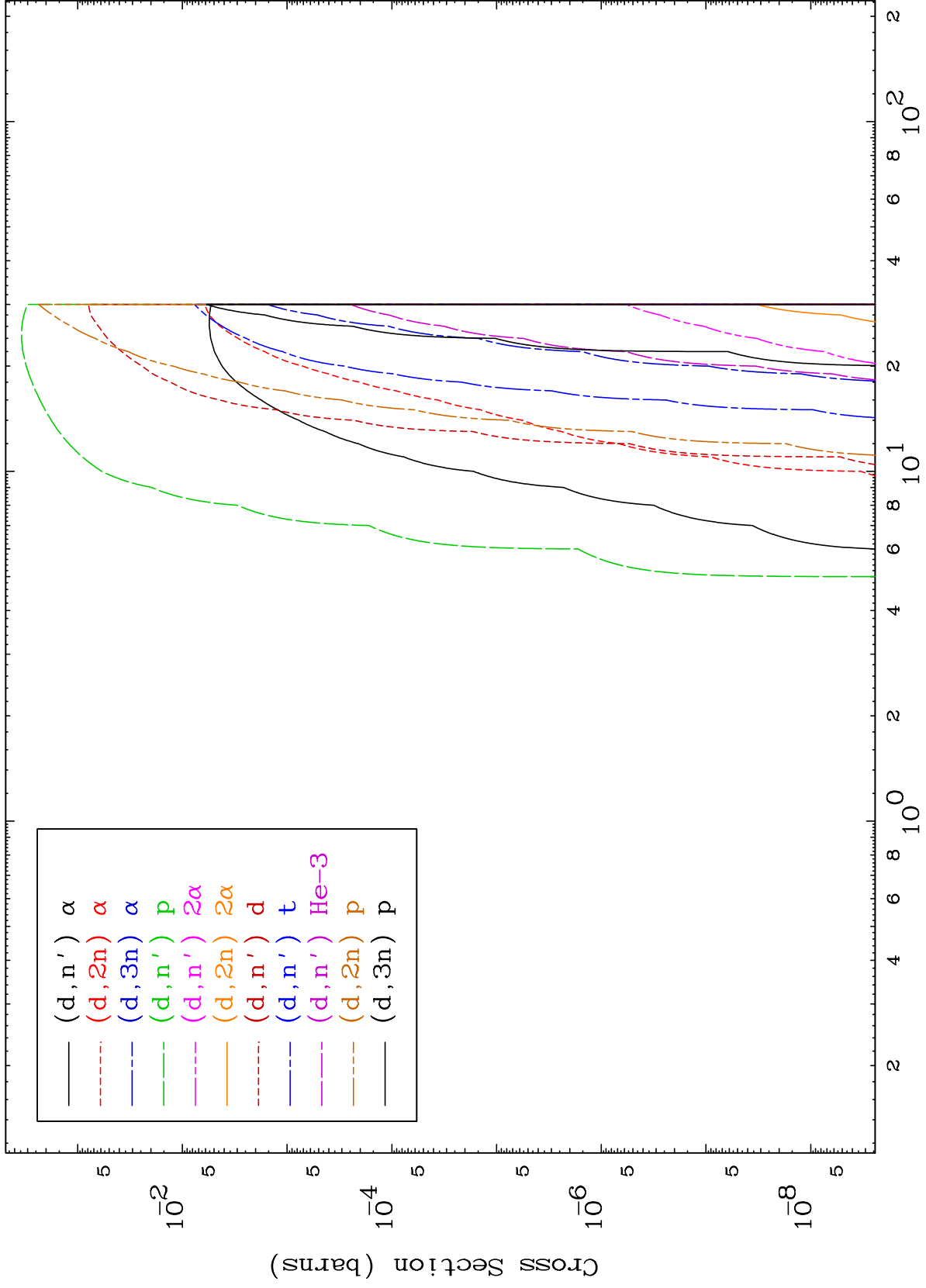
73-Ta-178

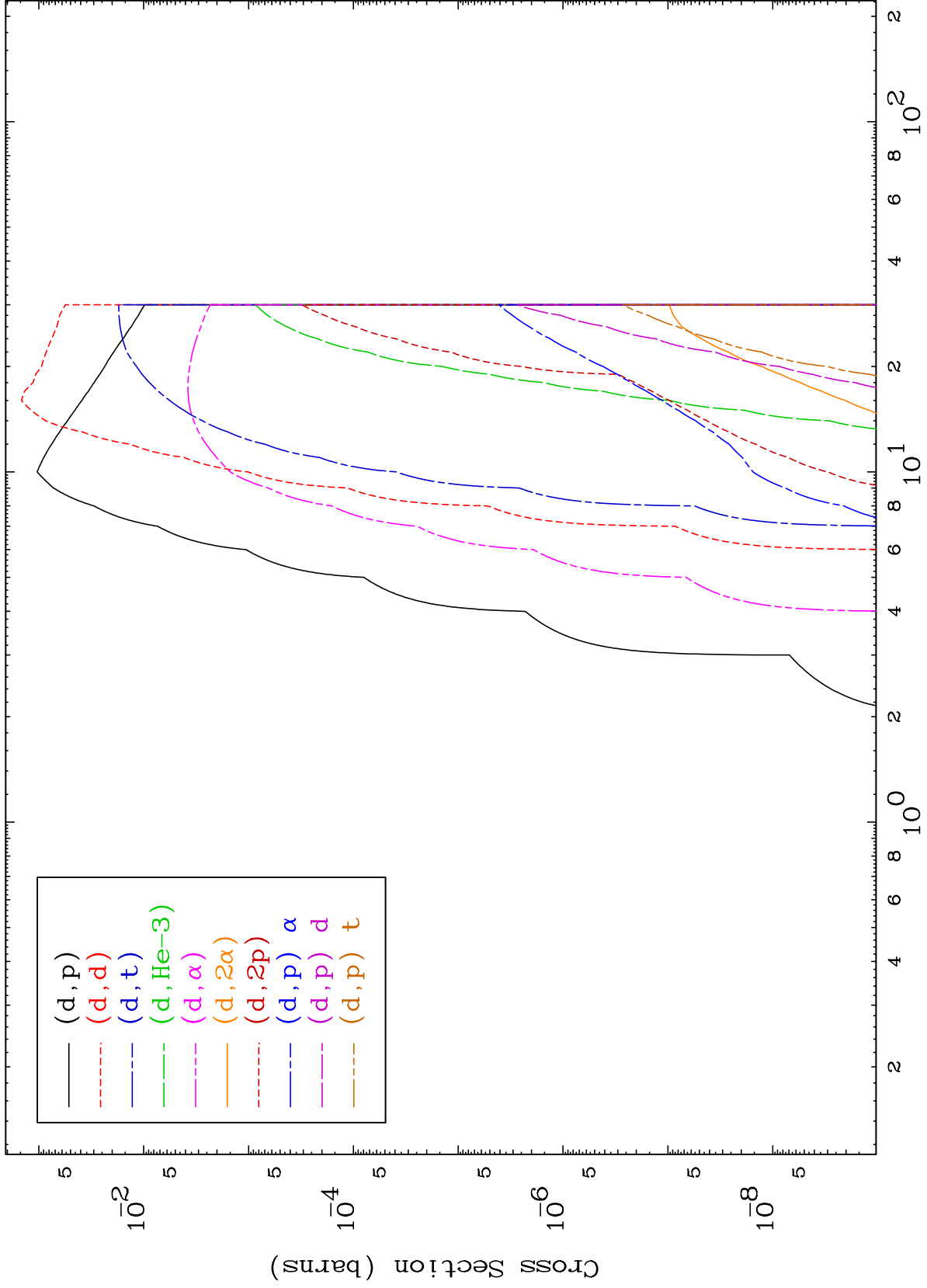


MAT 7320

Deuteron Charged Particle
0 Kelvin Cross Sections

73-Ta-178



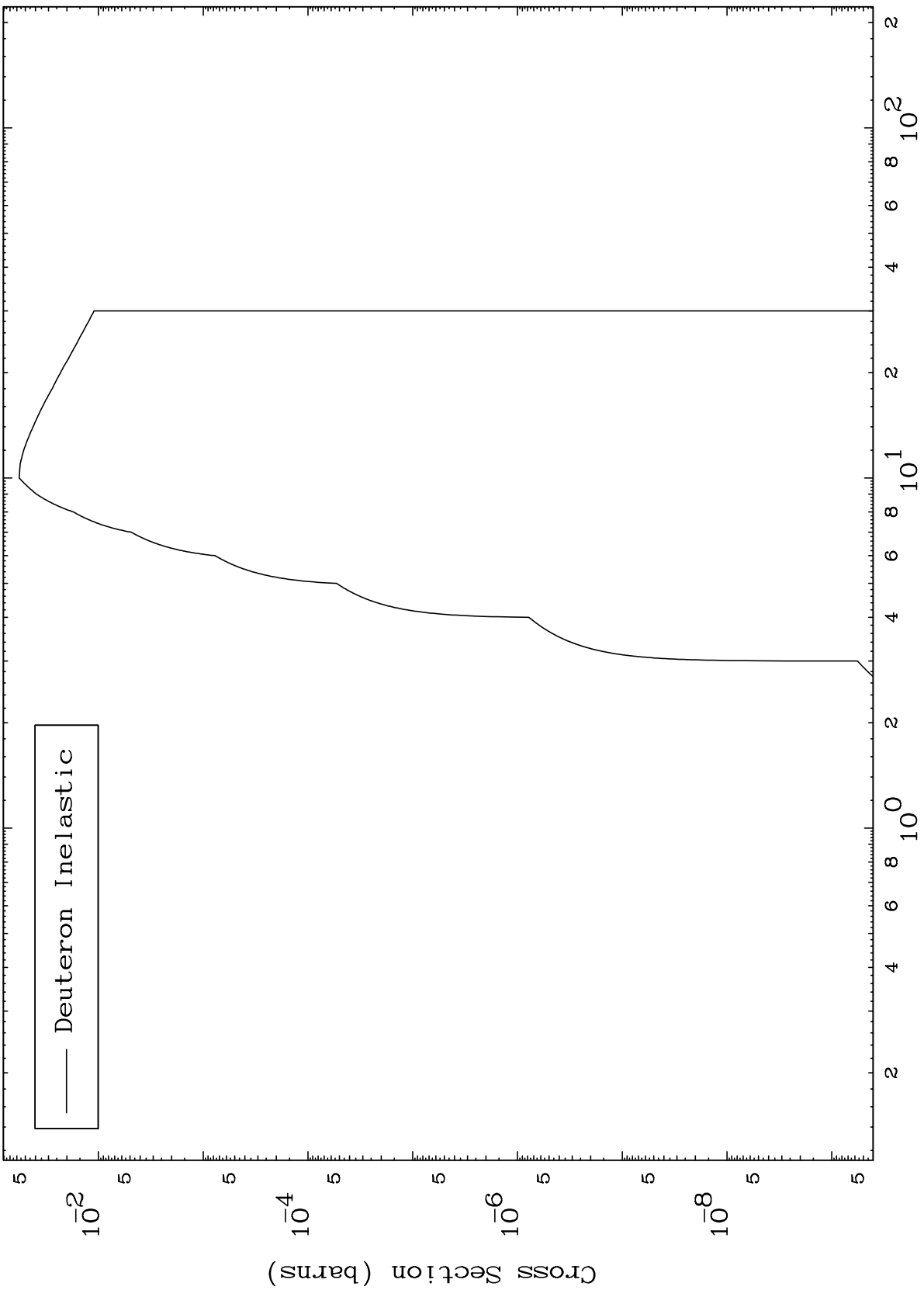


MAT 7320

(d,n') Level

73-Ta-178

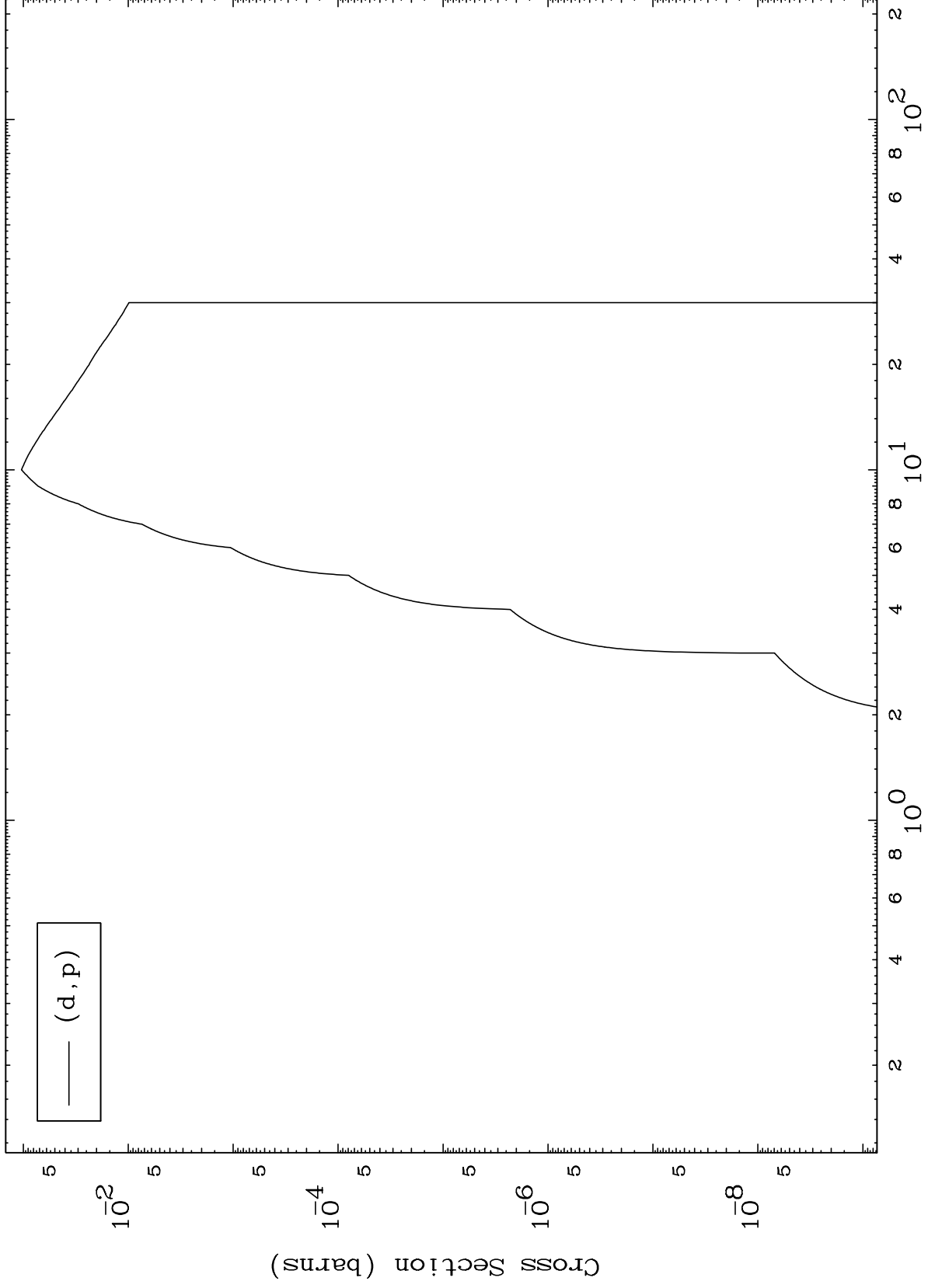
0 Kelvin Cross Sections



MAT 7320

(d,p) Levels
0 Kelvin Cross Sections

73-Ta-178

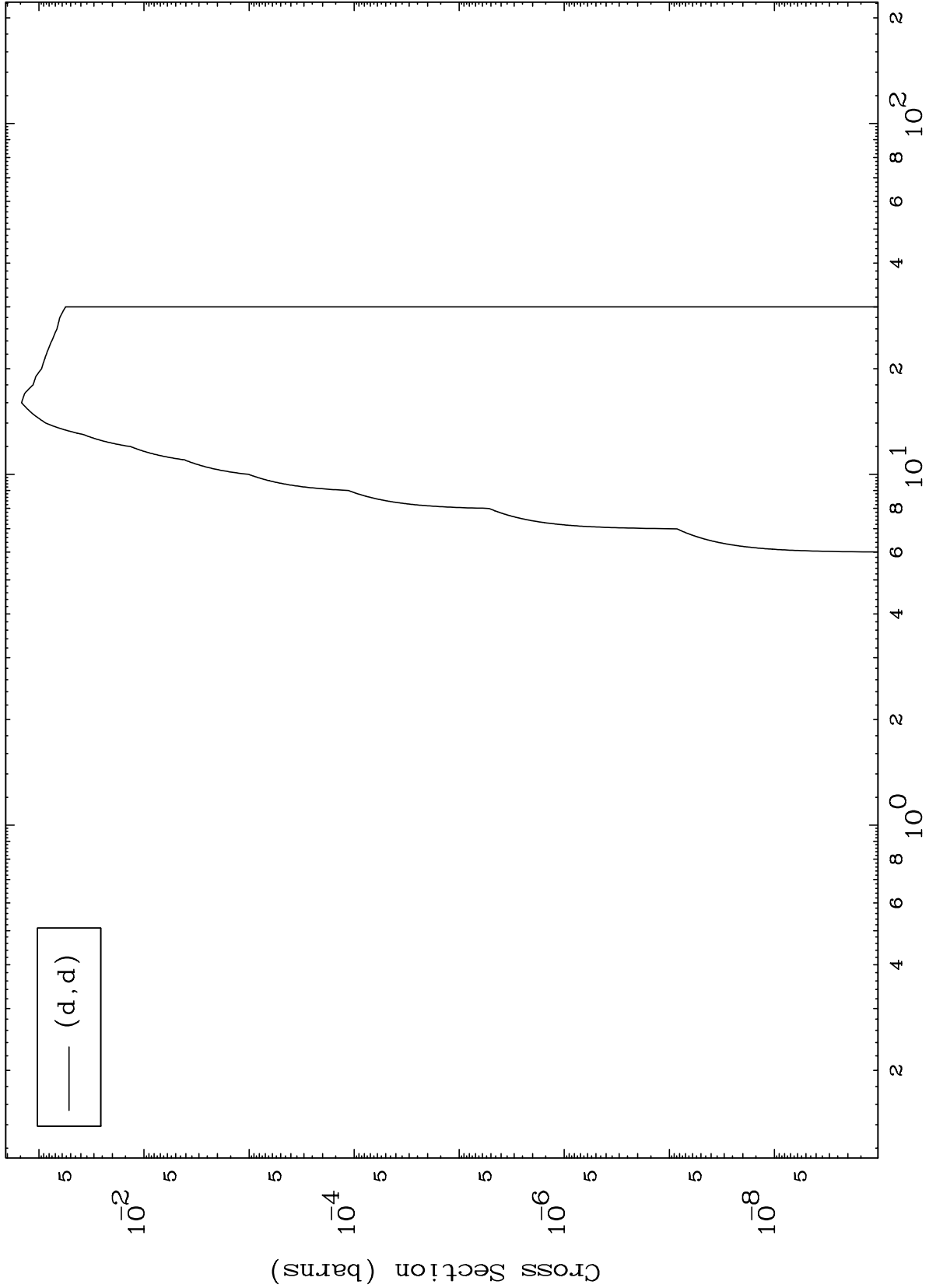


MAT 7320

(d,d) Levels

⁷³Ta-178

0 Kelvin Cross Sections

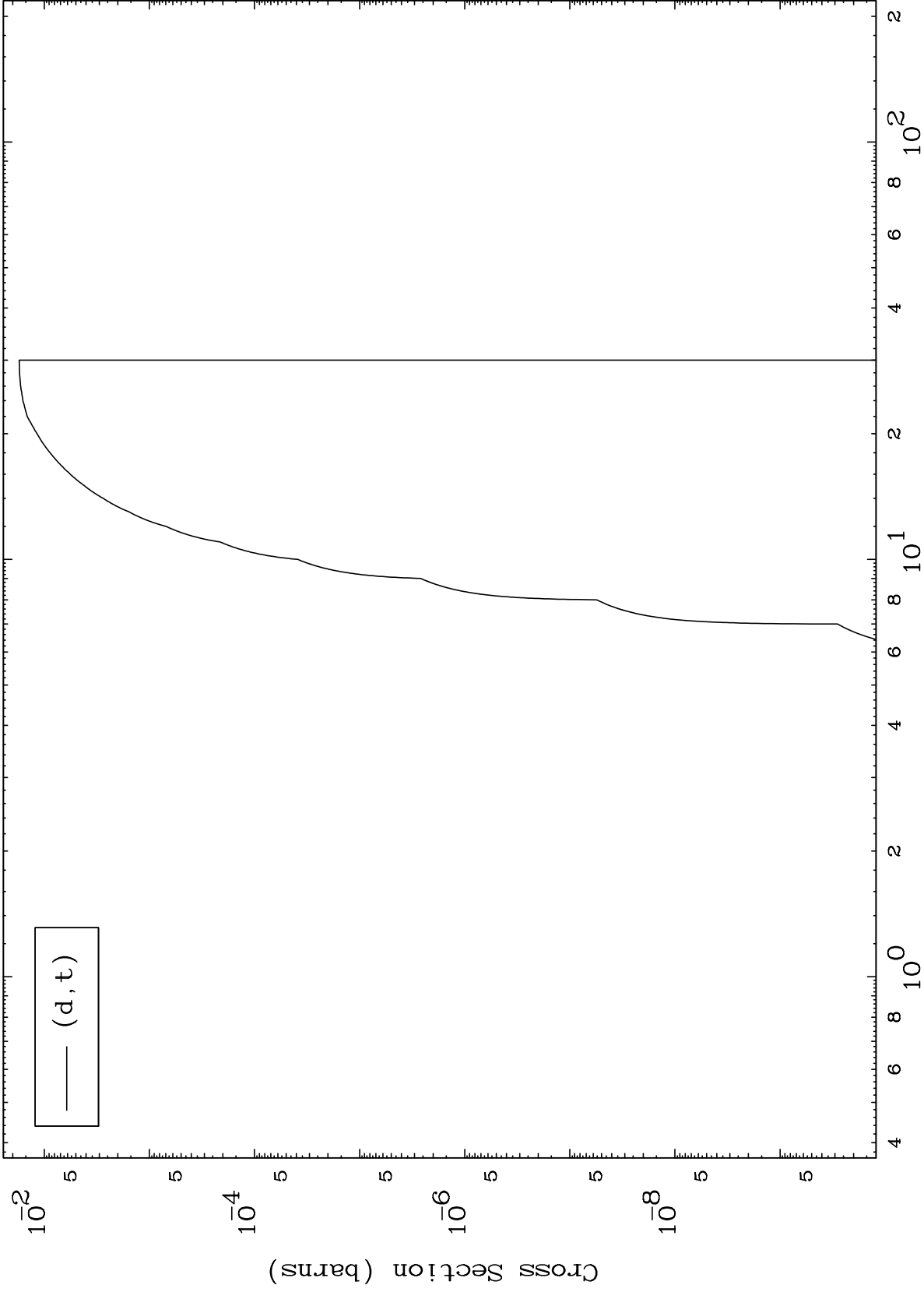


MAT 7320

(d, t) Levels

73-Ta-178

0 Kelvin Cross Sections



9

Incident Energy (MeV)

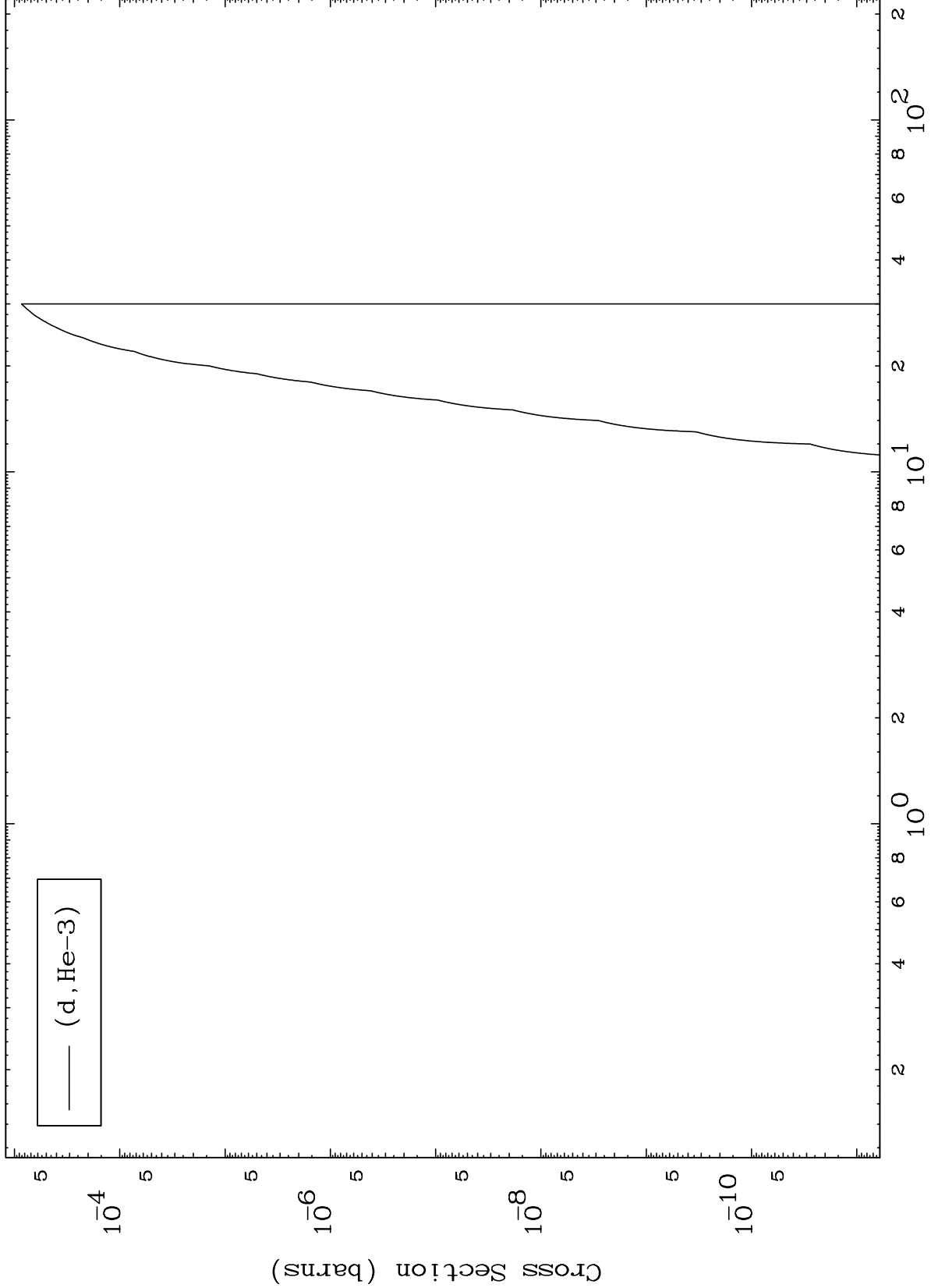
73-Ta-178

MAT 7320

(d,He3) Levels

73-Ta-178

0 Kelvin Cross Sections



10

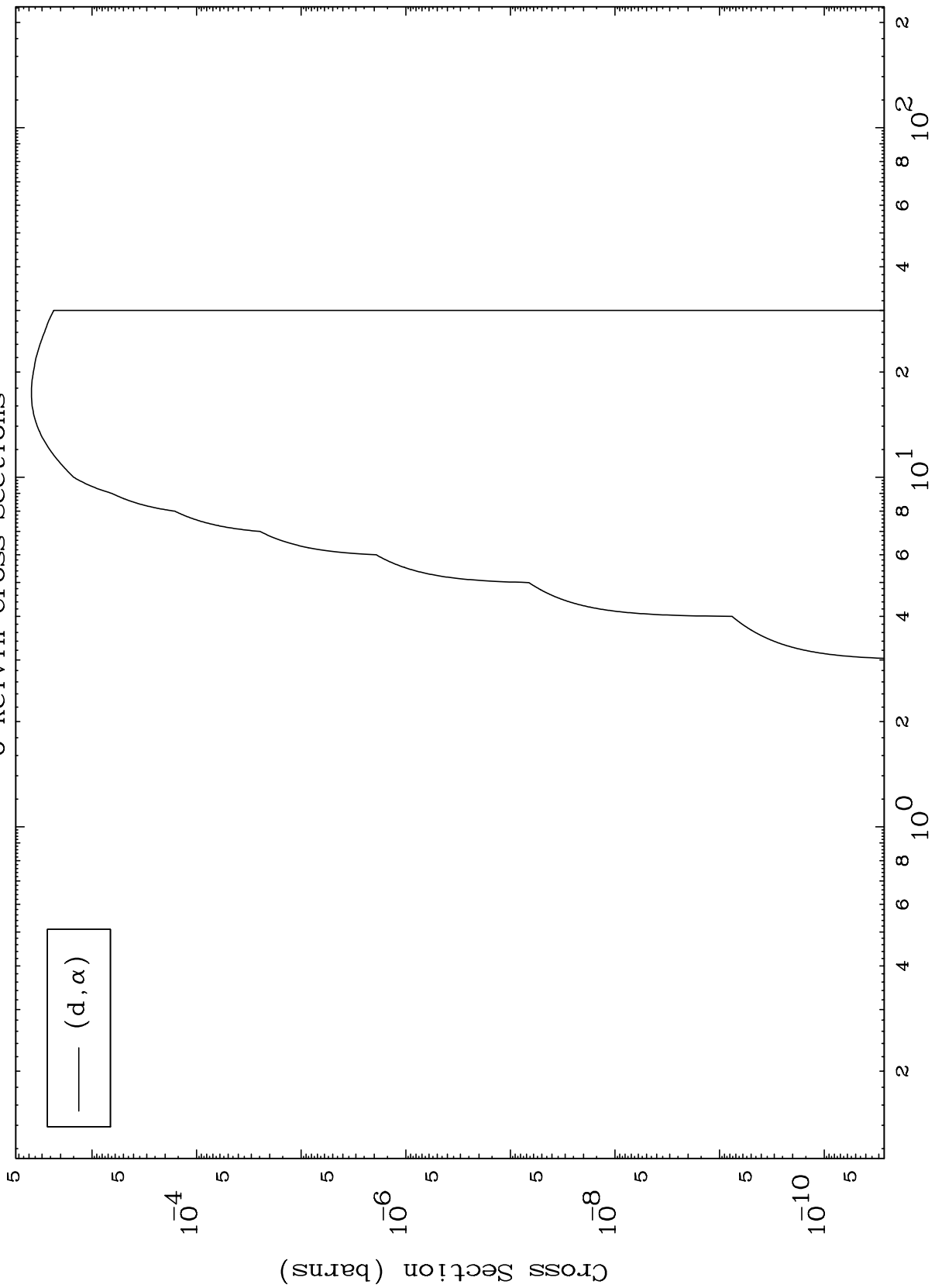
Incident Energy (MeV)

73-Ta-178

MAT 7320

73-Ta-178

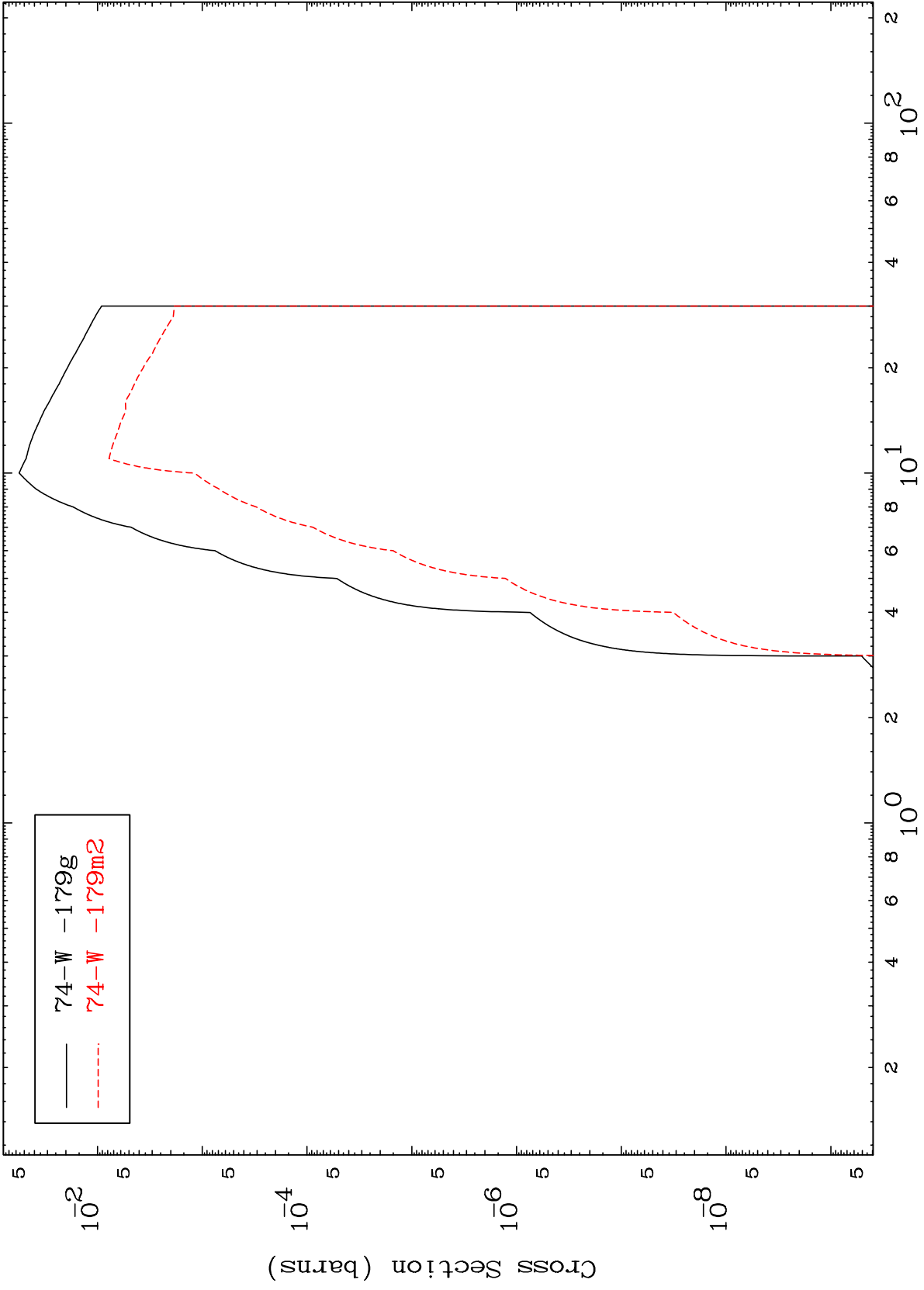
(d, α) Levels
0 Kelvin Cross Sections



MAT 7320

Radionuclide Production Cross Section
Deuteron Inelastic

73-Ta-178



74-W -179g
74-W -179m2

12

Incident Energy (MeV)

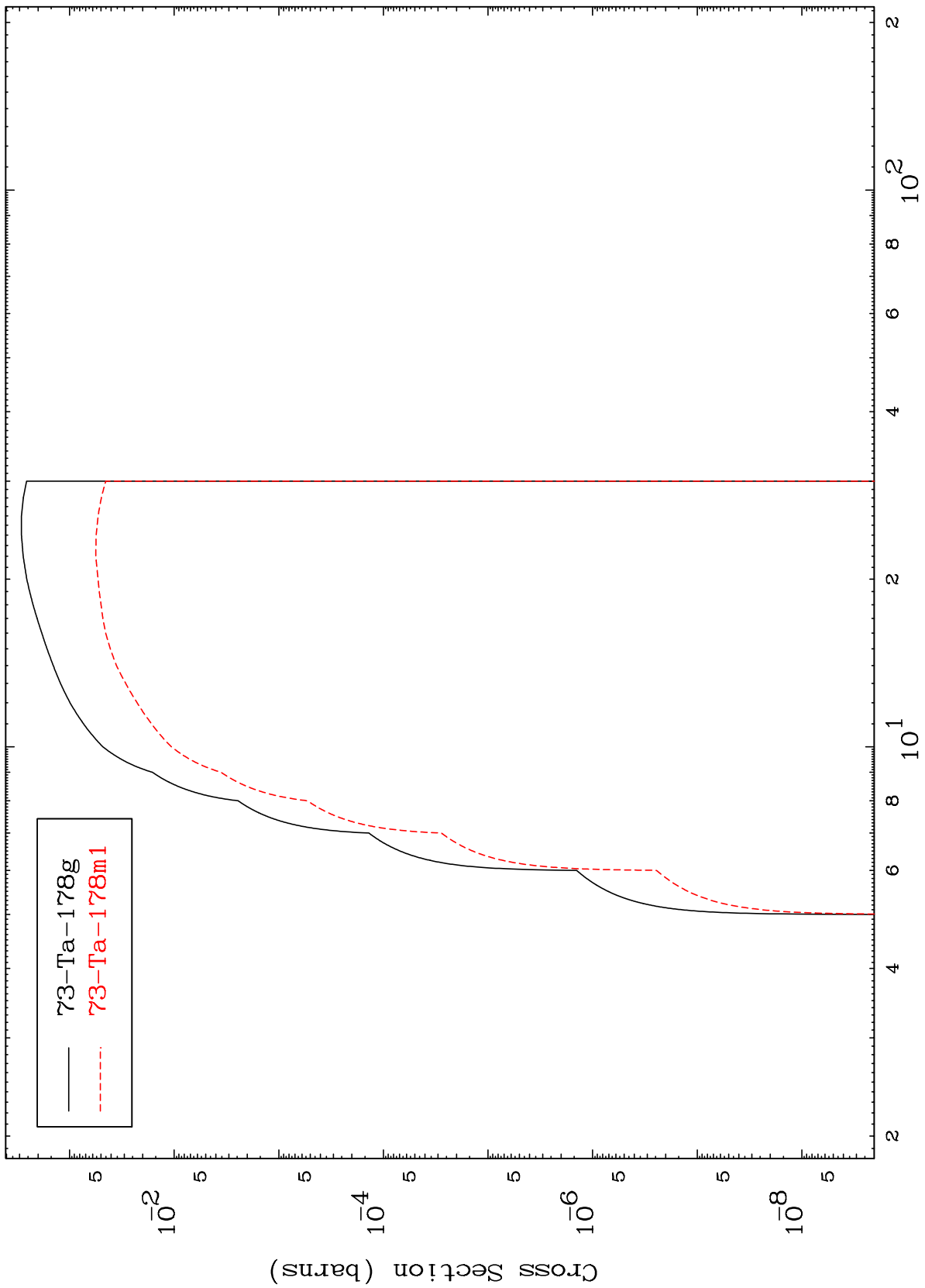
73-Ta-178

MAT 7320

⁷³Ta-178

(d,n') p

Radionuclide Production Cross Section



13

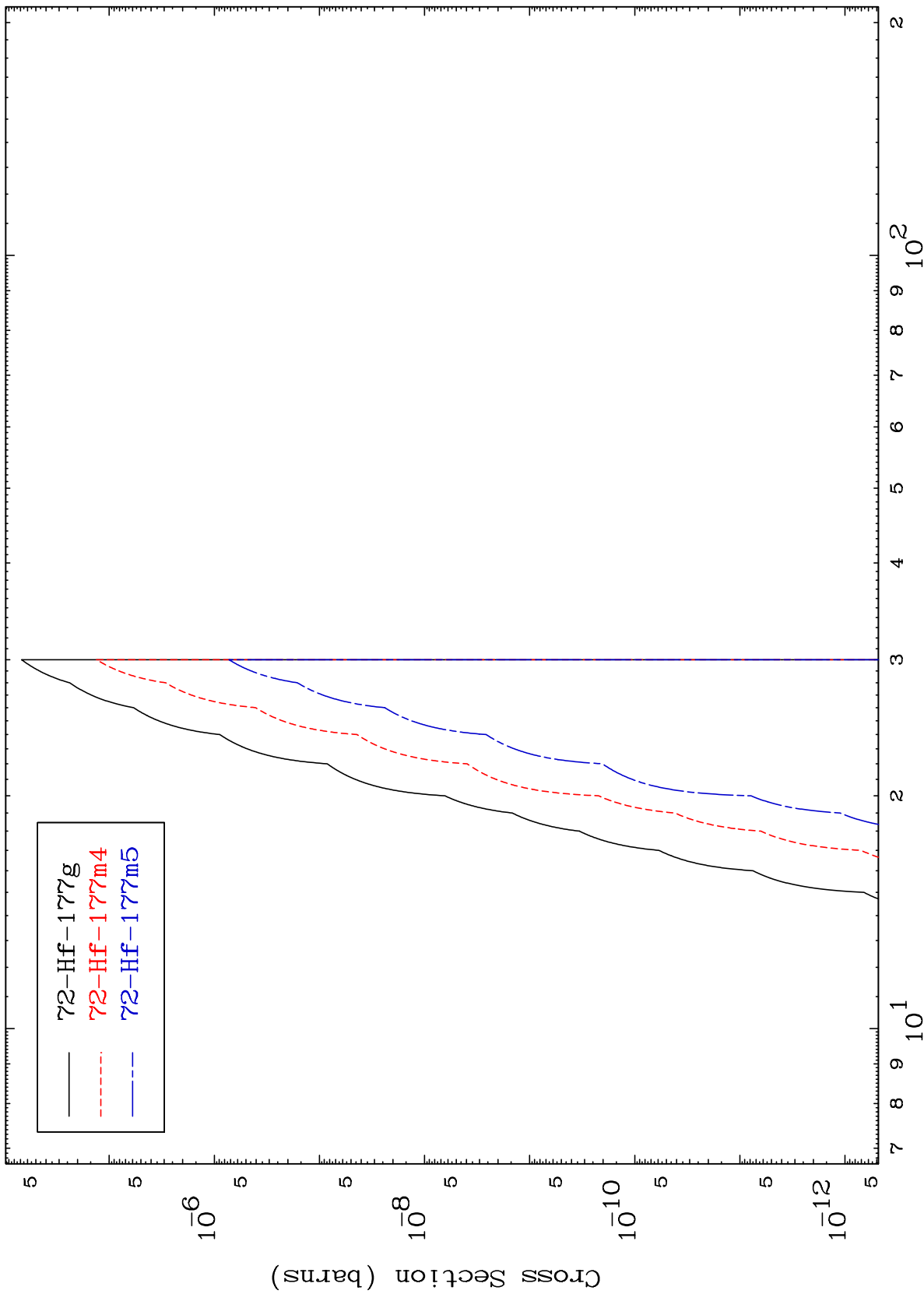
Incident Energy (MeV)

⁷³Ta-178

MAT 7320

⁷³Ta-178

(d,2n) p
Radionuclide Production Cross Section



⁷³Ta-178

Incident Energy (MeV)

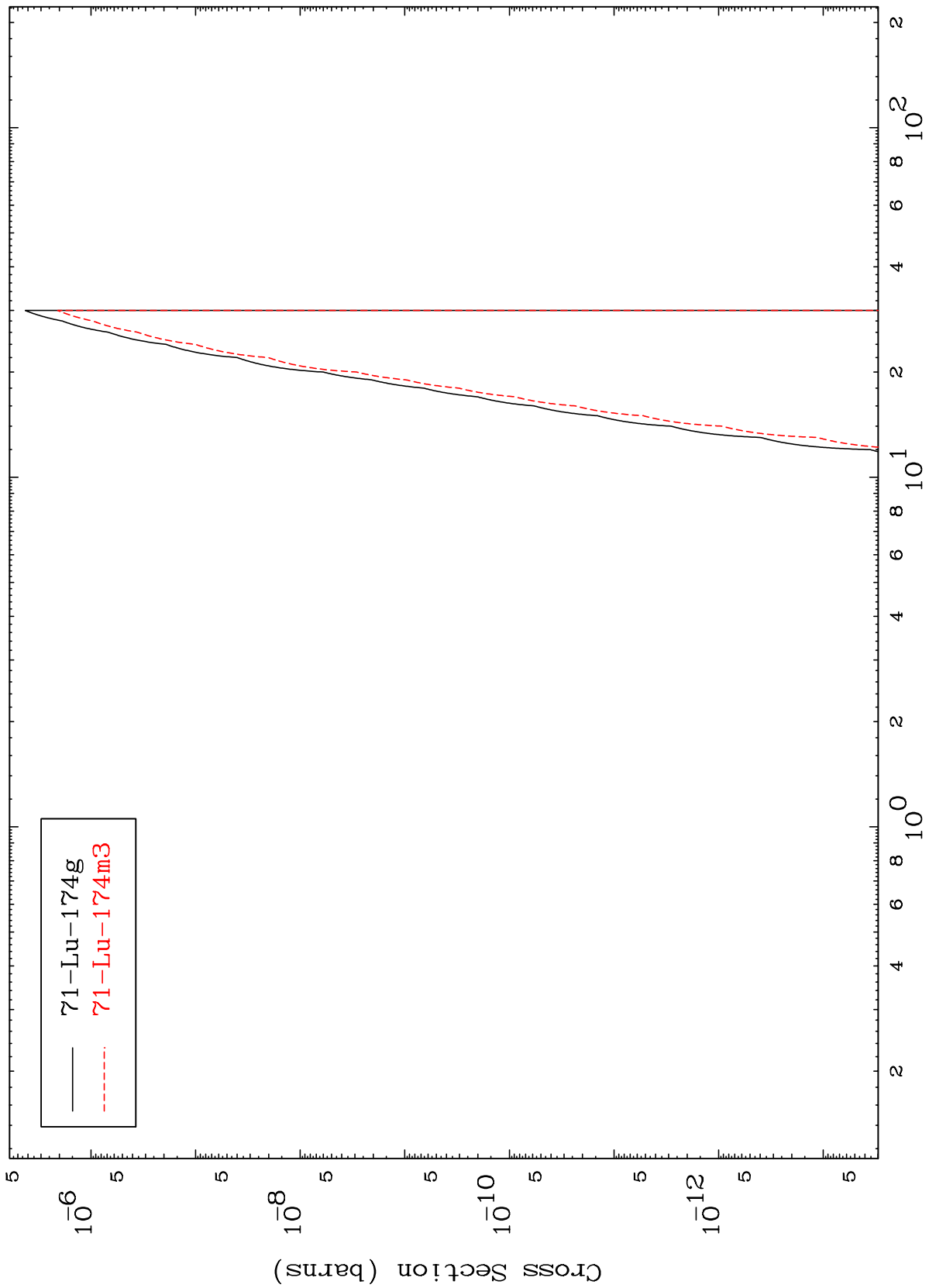
14

MAT 7320

(d,n') p α

73-Ta-178

Radionuclide Production Cross Section



15

Incident Energy (MeV)

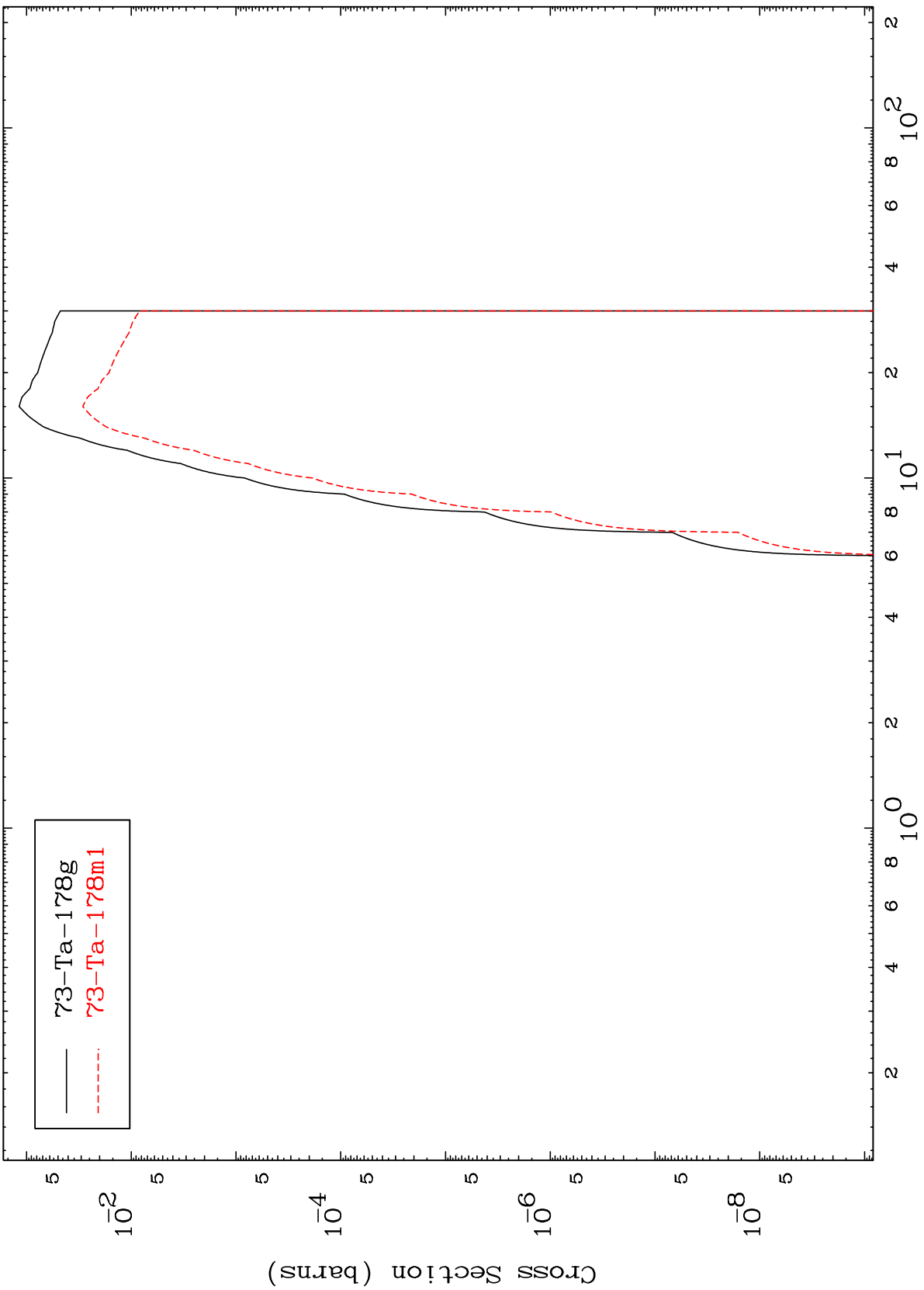
73-Ta-178

MAT 7320

(d,d)

⁷³Ta-¹⁷⁸

Radionuclide Production Cross Section

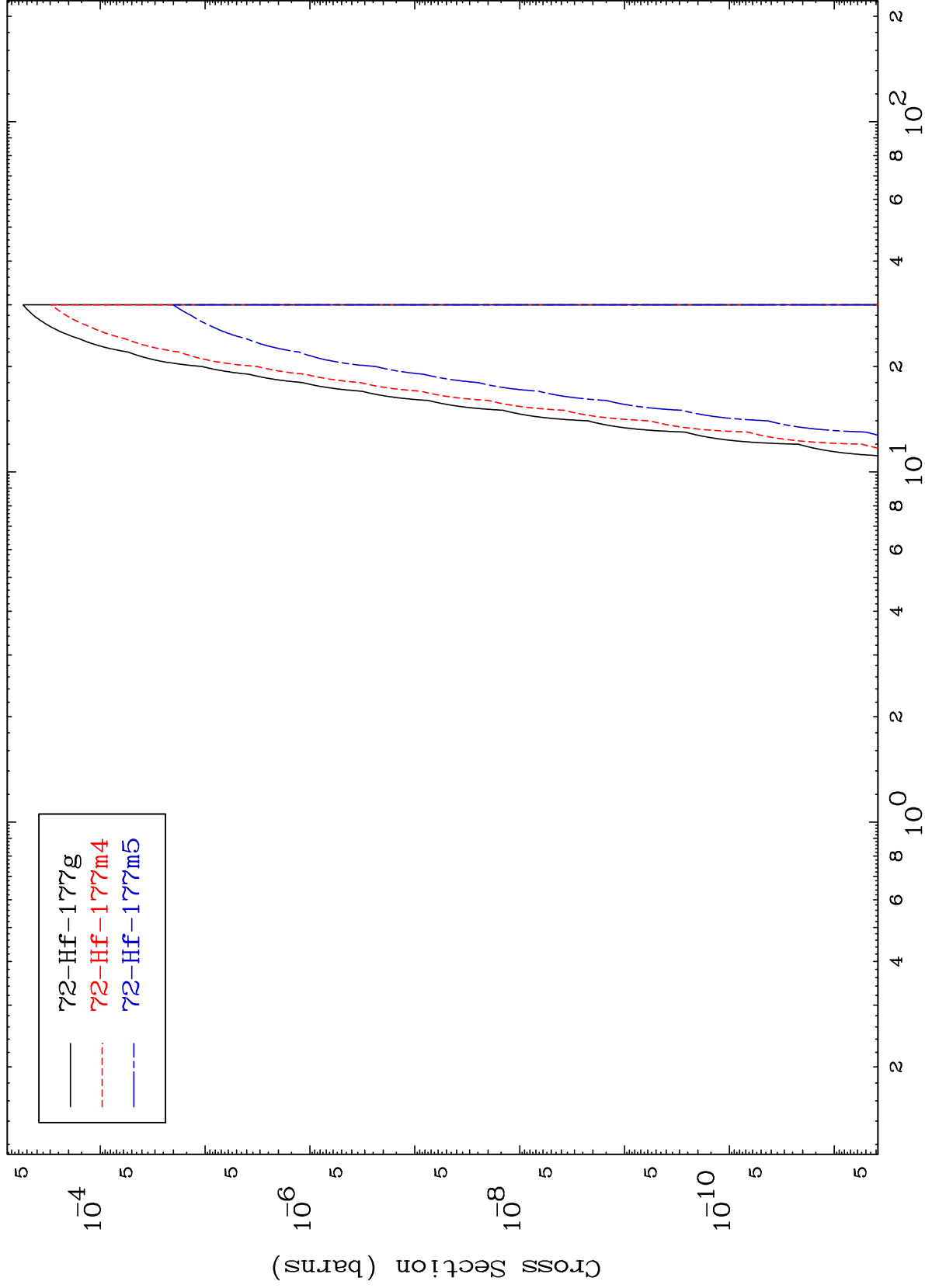


MAT 7320

(d,He-3)

⁷³Ta-178

Radionuclide Production Cross Section



17

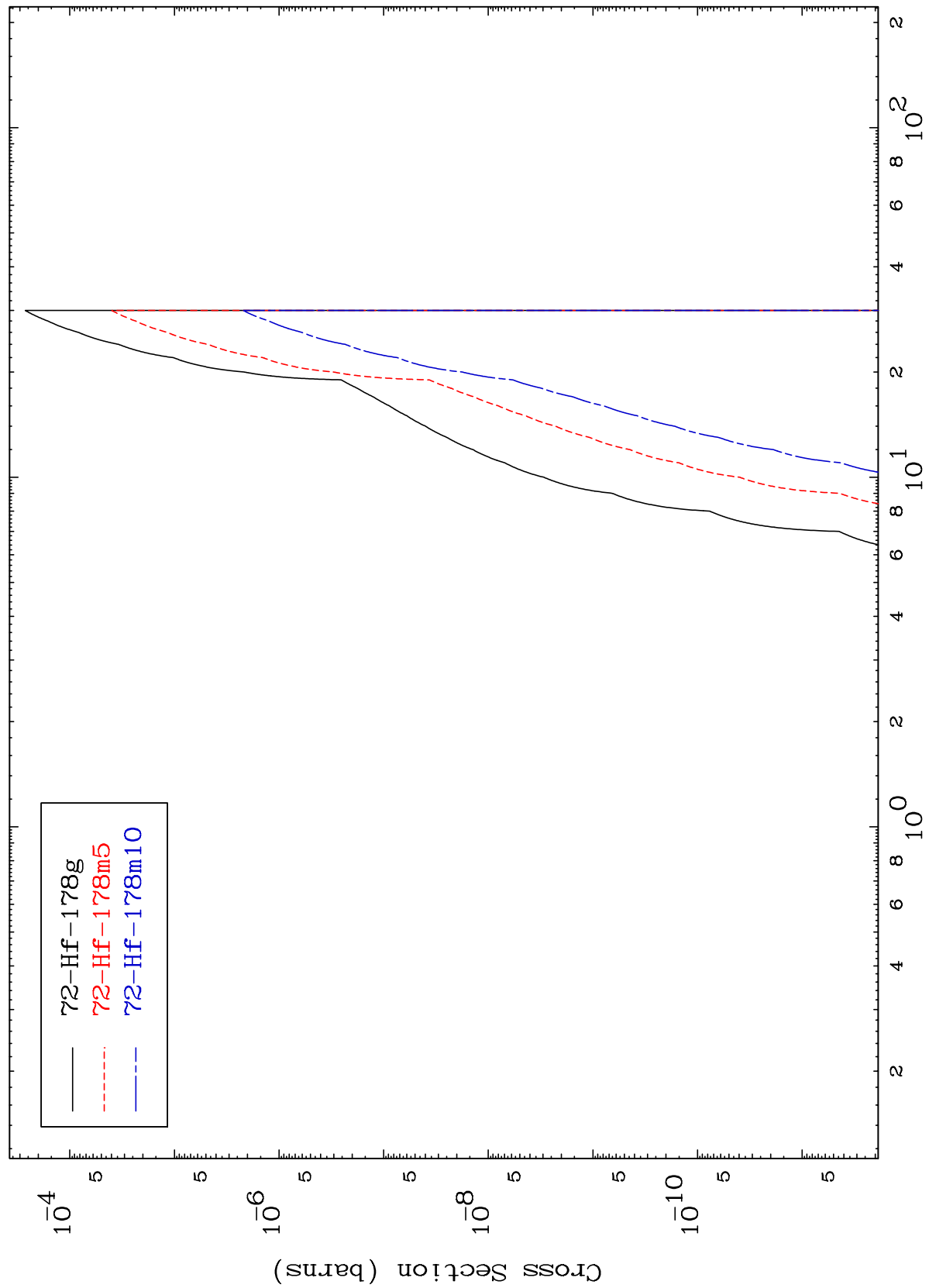
Incident Energy (MeV)

⁷³Ta-178

MAT 7320

73-Ta-178

(d,2p)
Radionuclide Production Cross Section



18

73-Ta-178

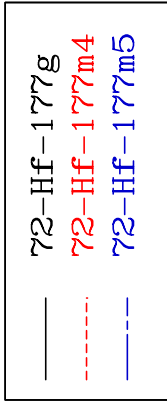
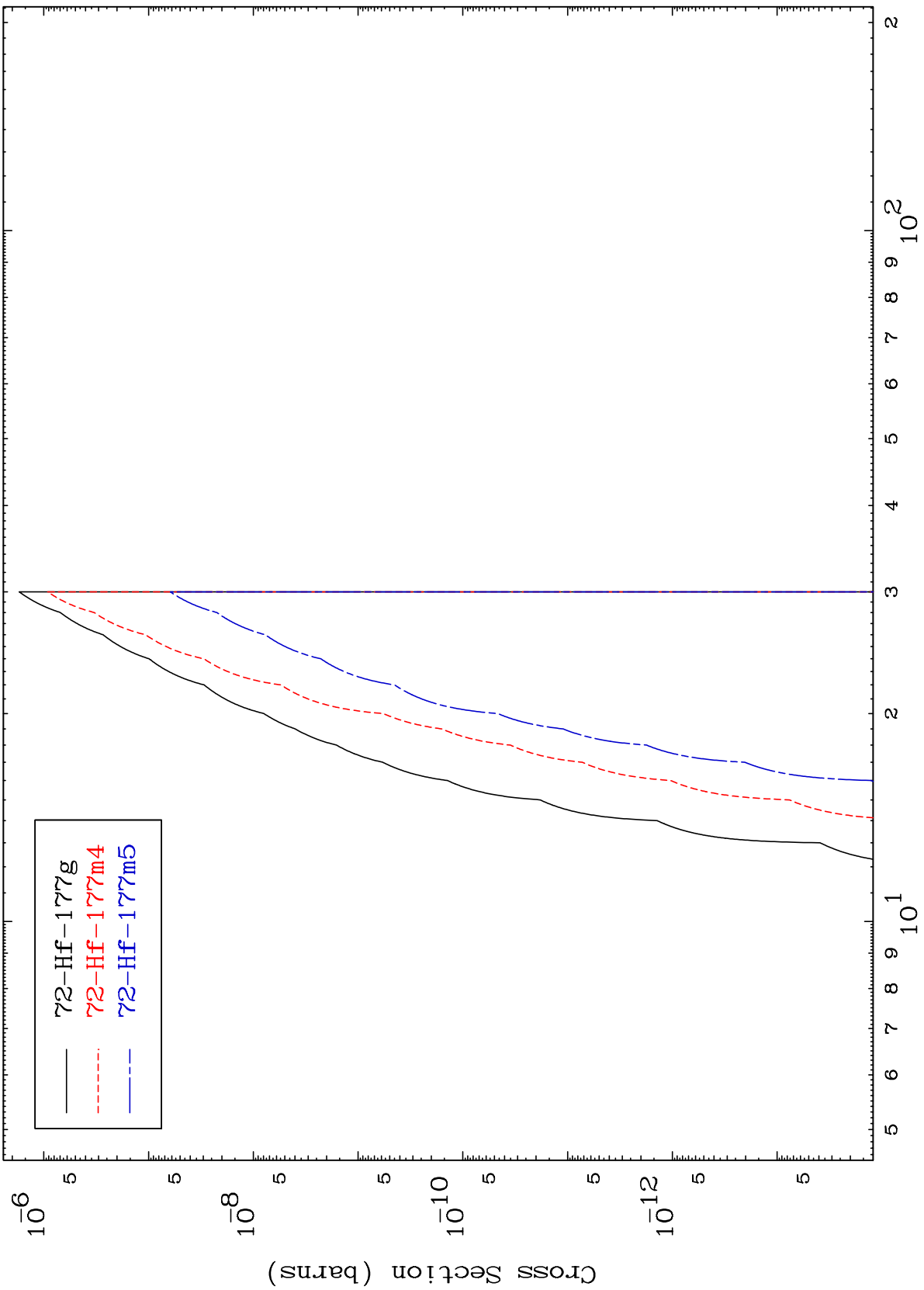
Incident Energy (MeV)

MAT 7320

(d,p) d

⁷³Ta-¹⁷⁸

Radionuclide Production Cross Section



19

Incident Energy (MeV)

⁷³Ta-¹⁷⁸

MAT 7320

(d,d) α

$^{73}\text{Ta-178}$

