

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

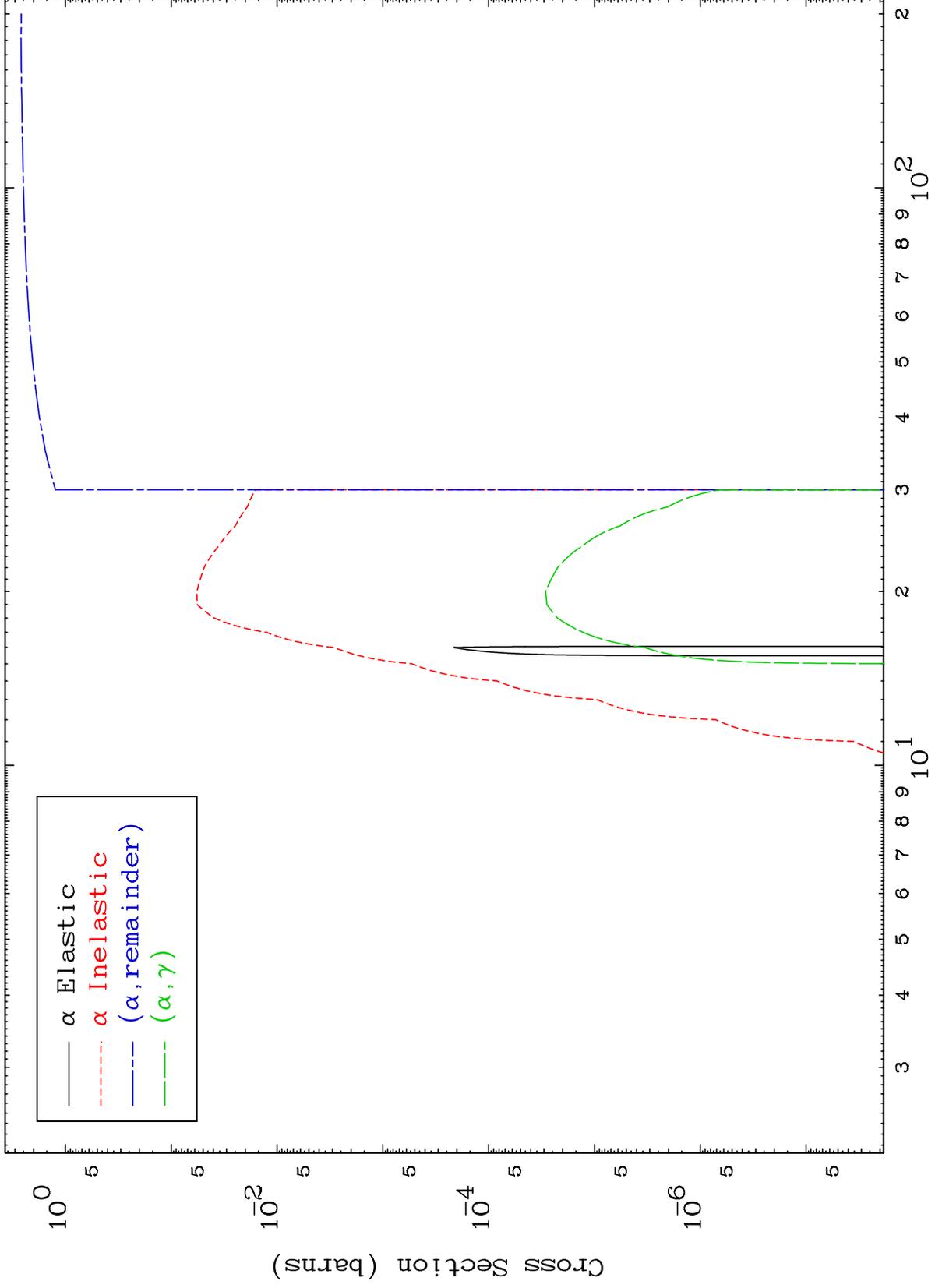
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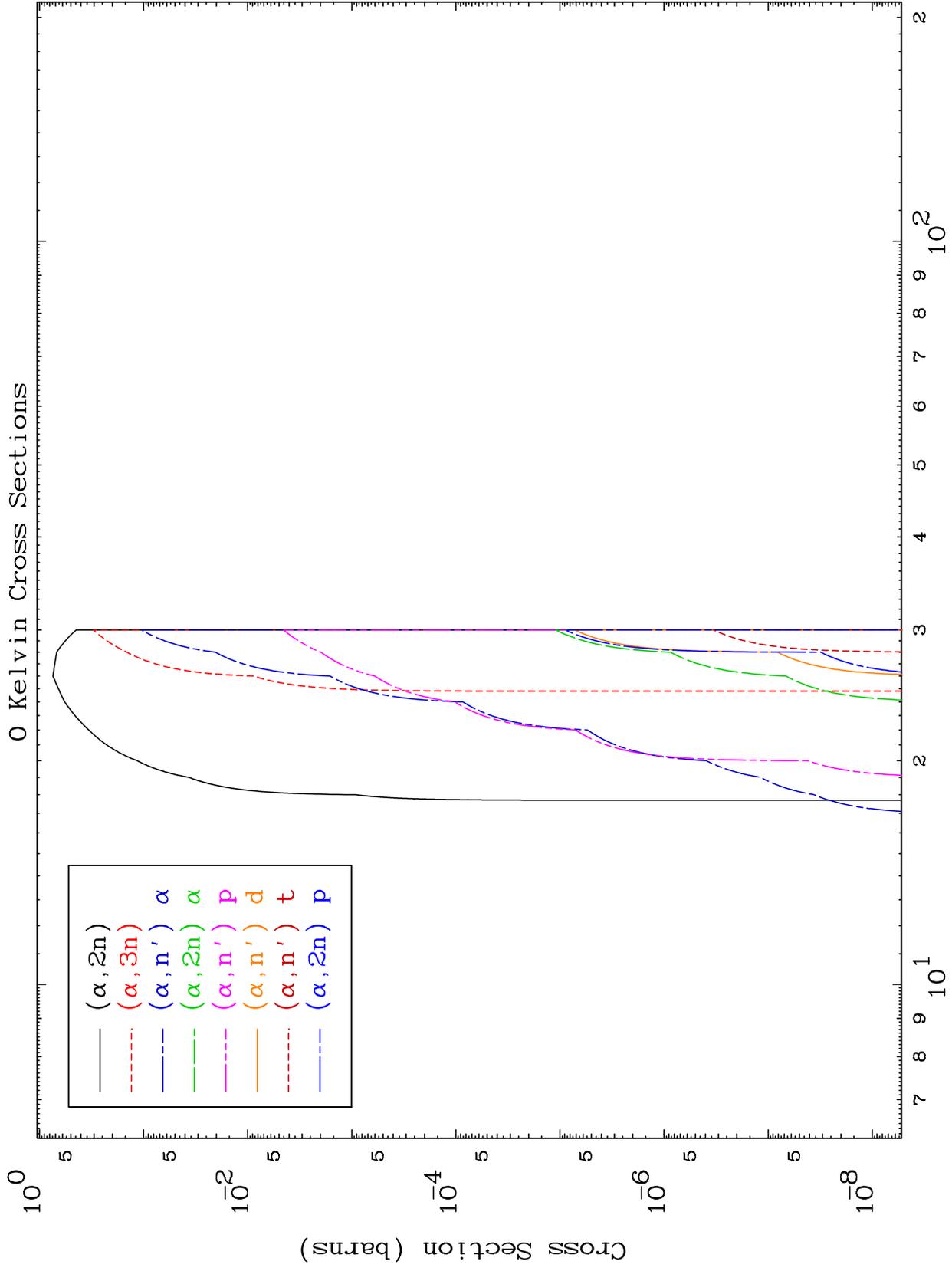
Tele: 925-443-1911

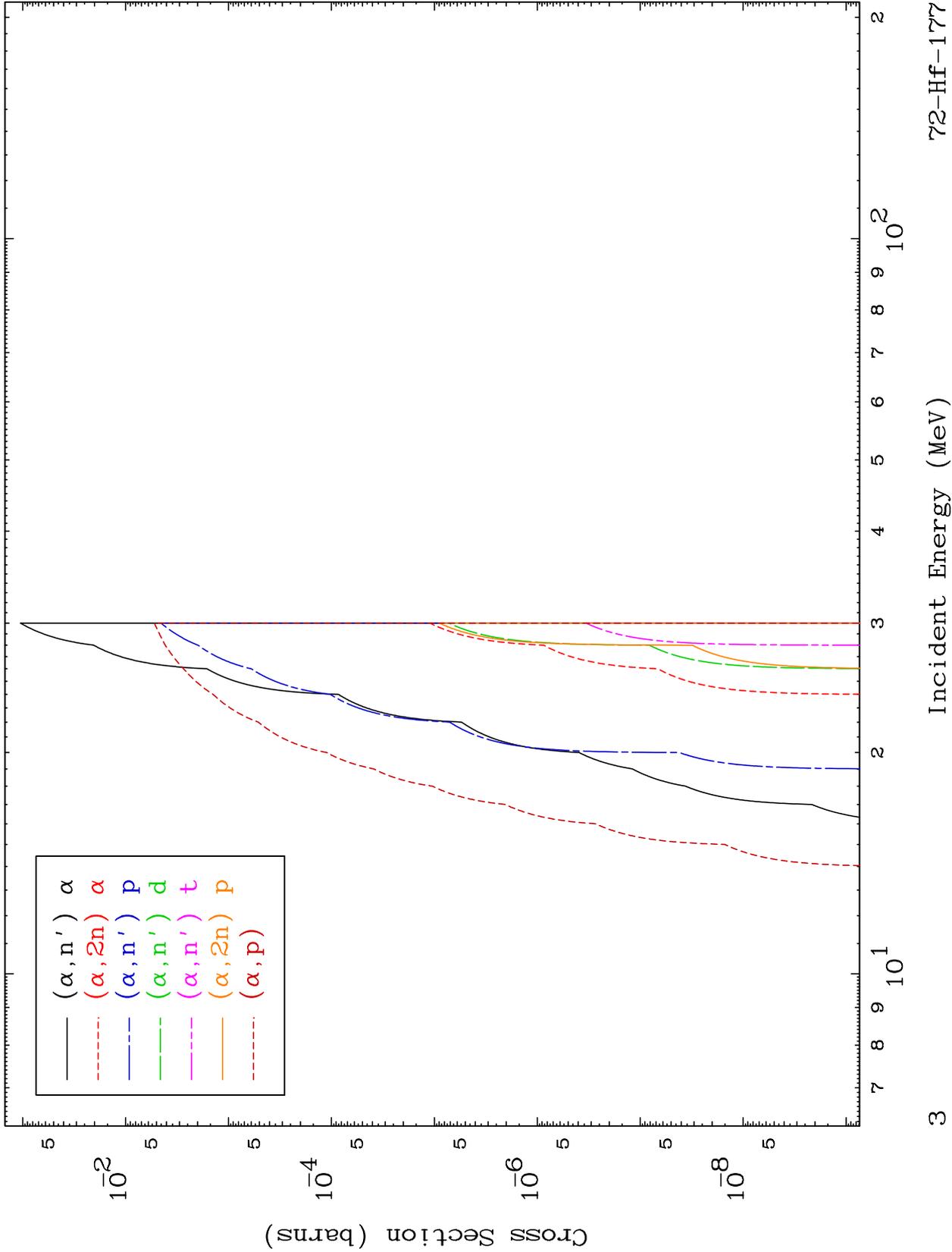
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start



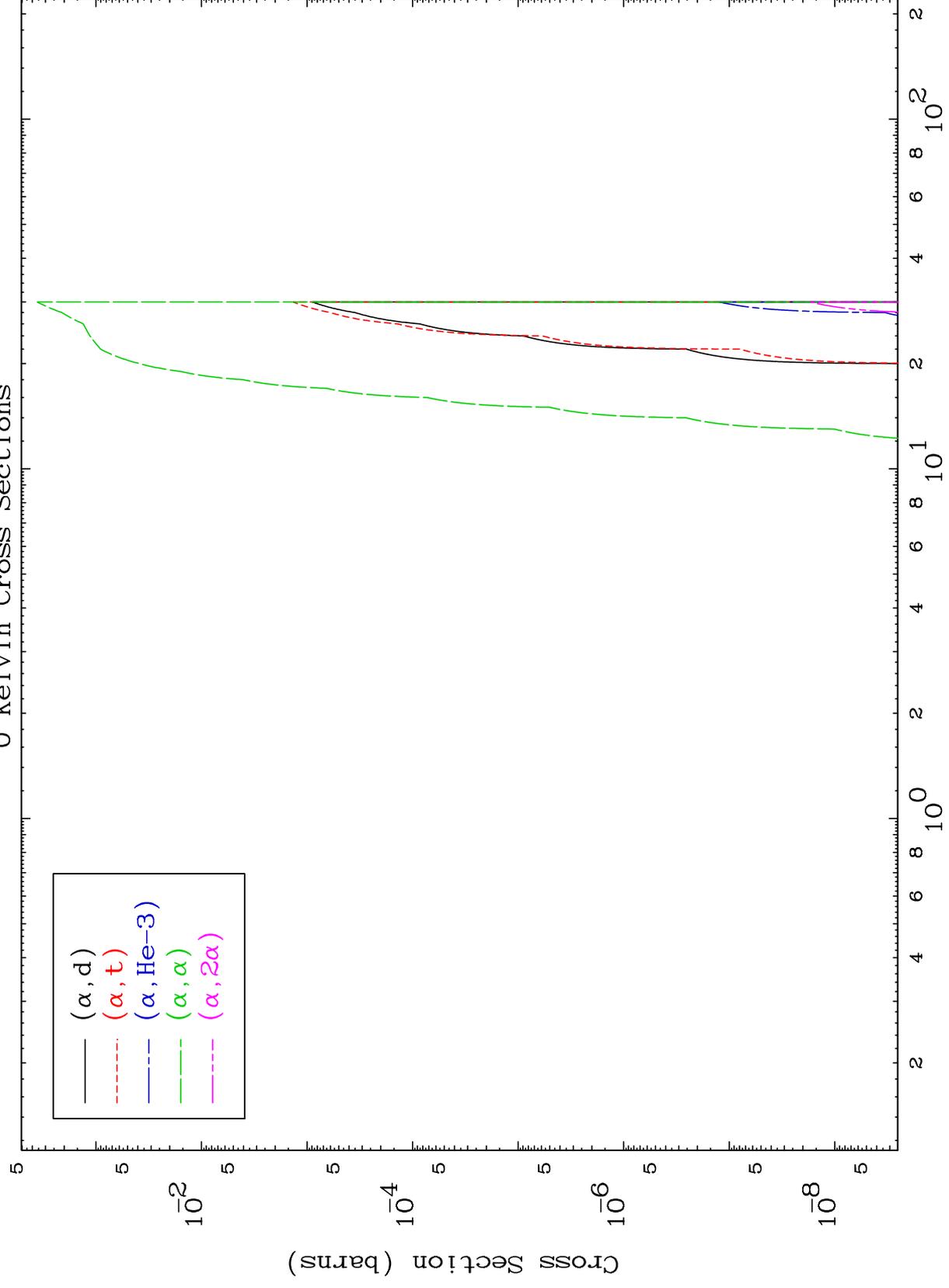




MAT 7234

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

72-Hf-177



72-Hf-177

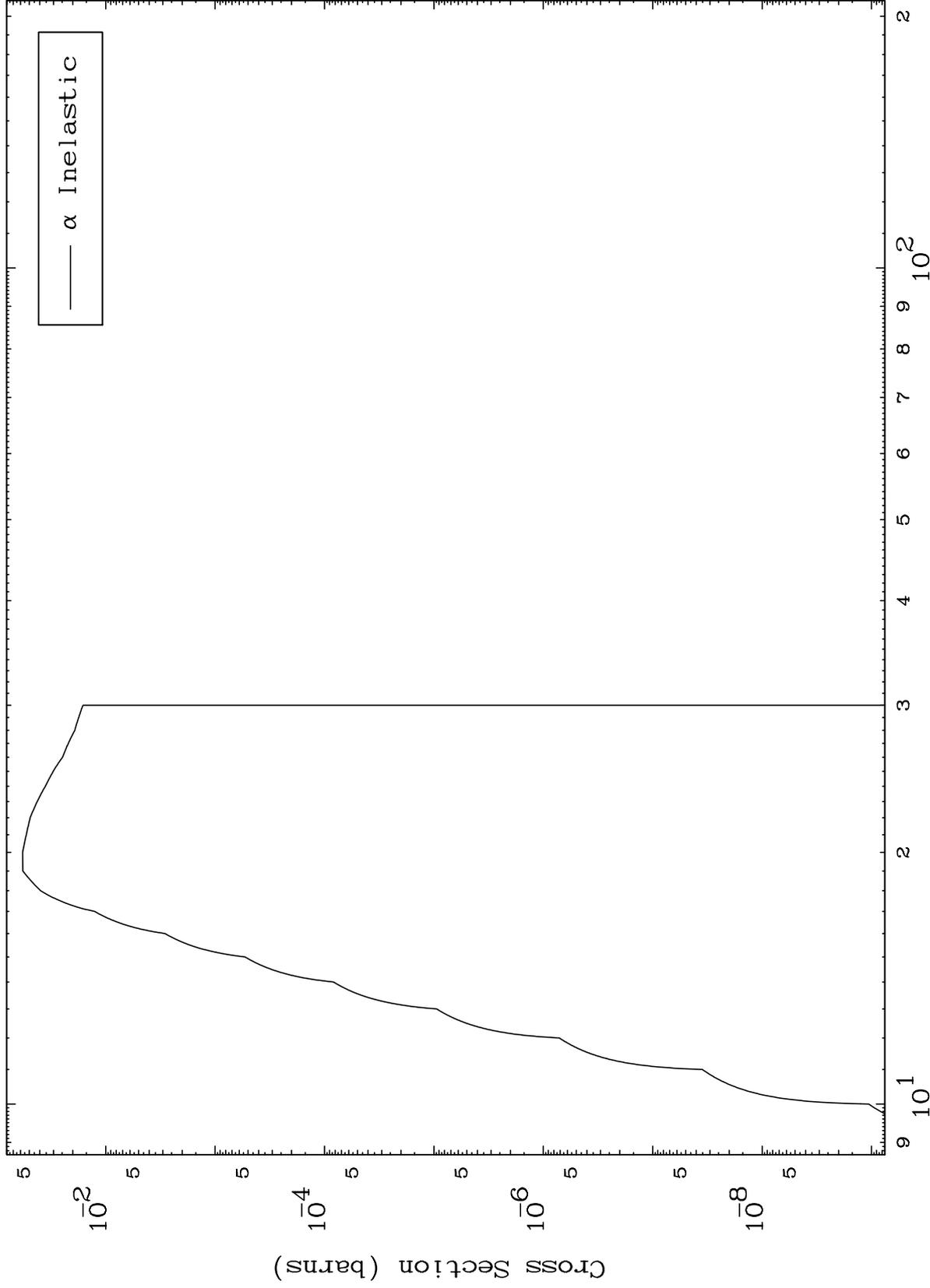
Incident Energy (MeV)

MAT 7234

( $\alpha, n'$ ) Level

72-Hf-177

0 Kelvin Cross Sections



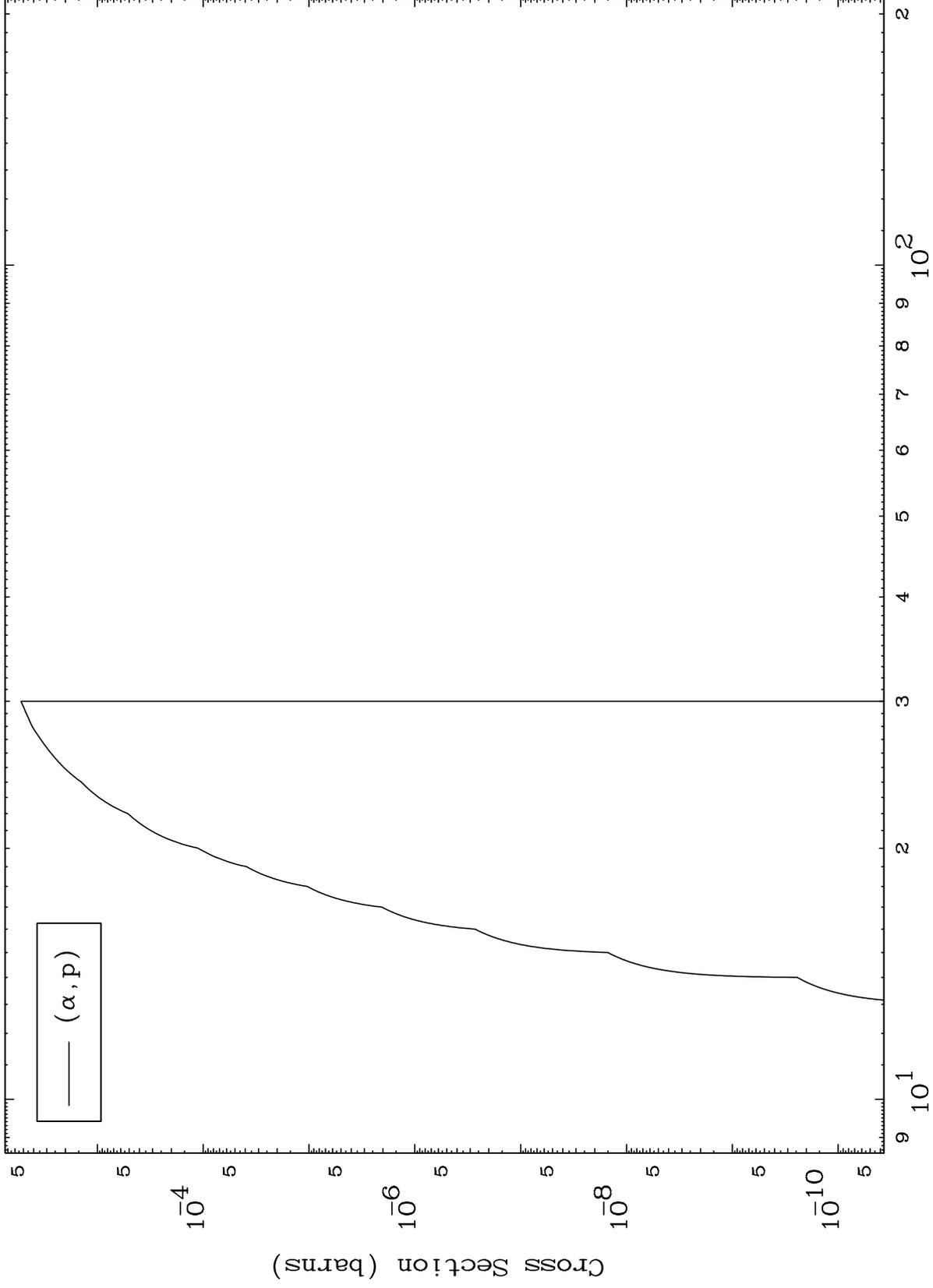
Incident Energy (MeV)

72-Hf-177

MAT 7234

( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

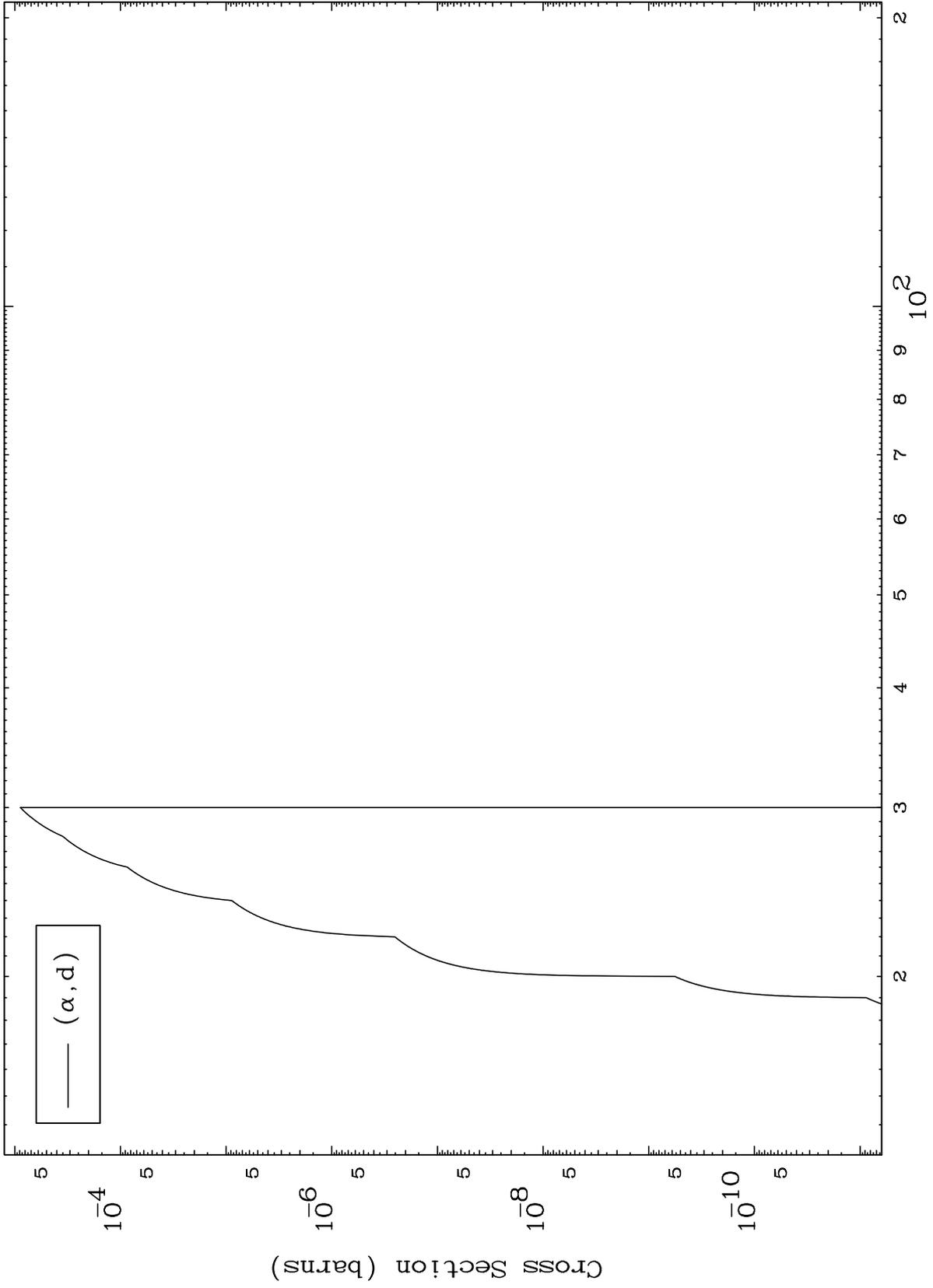
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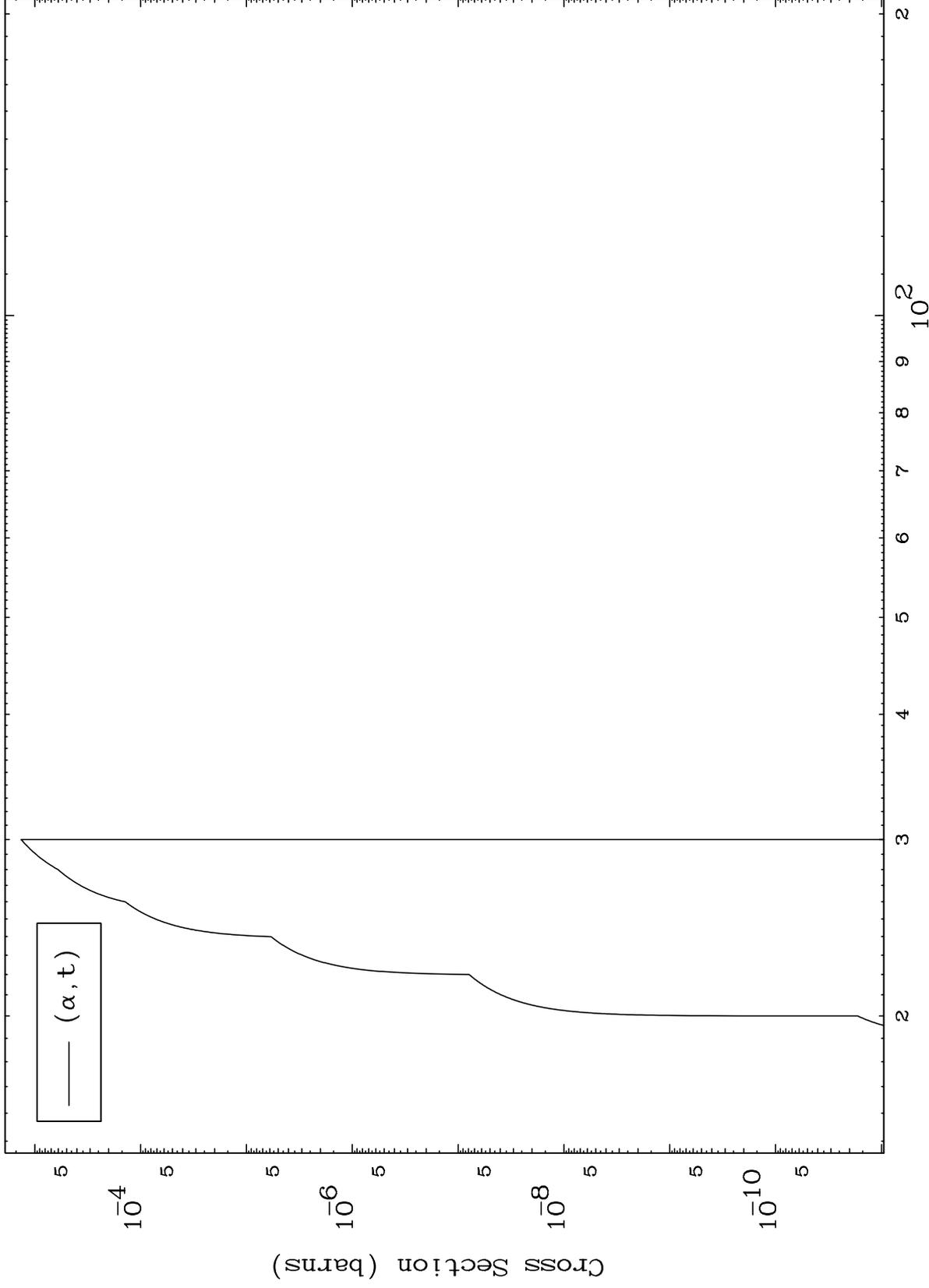


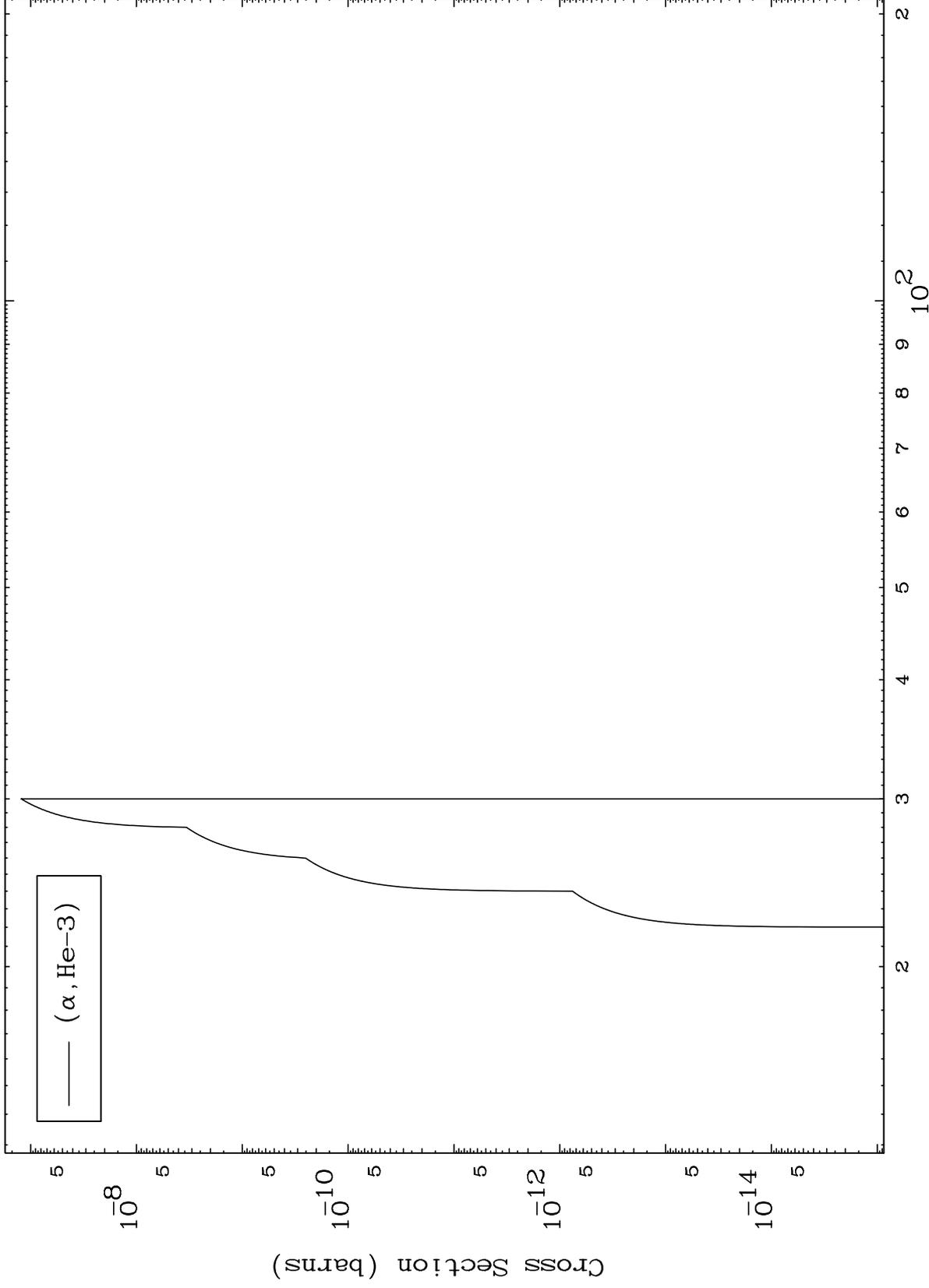
Incident Energy (MeV)

72-Hf-177

6





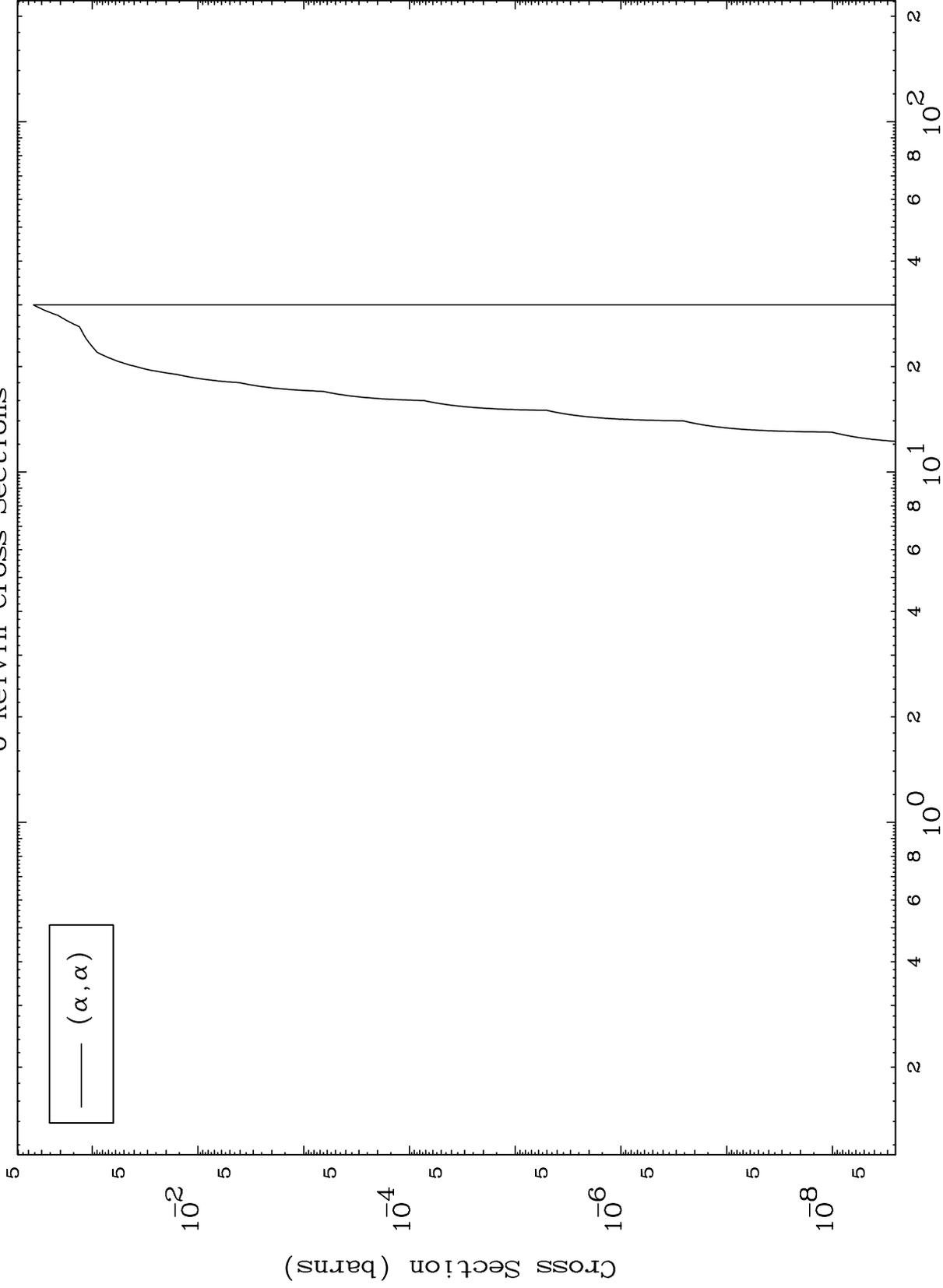


MAT 7234

( $\alpha, \alpha$ ) Levels

72-Hf-177

0 Kelvin Cross Sections

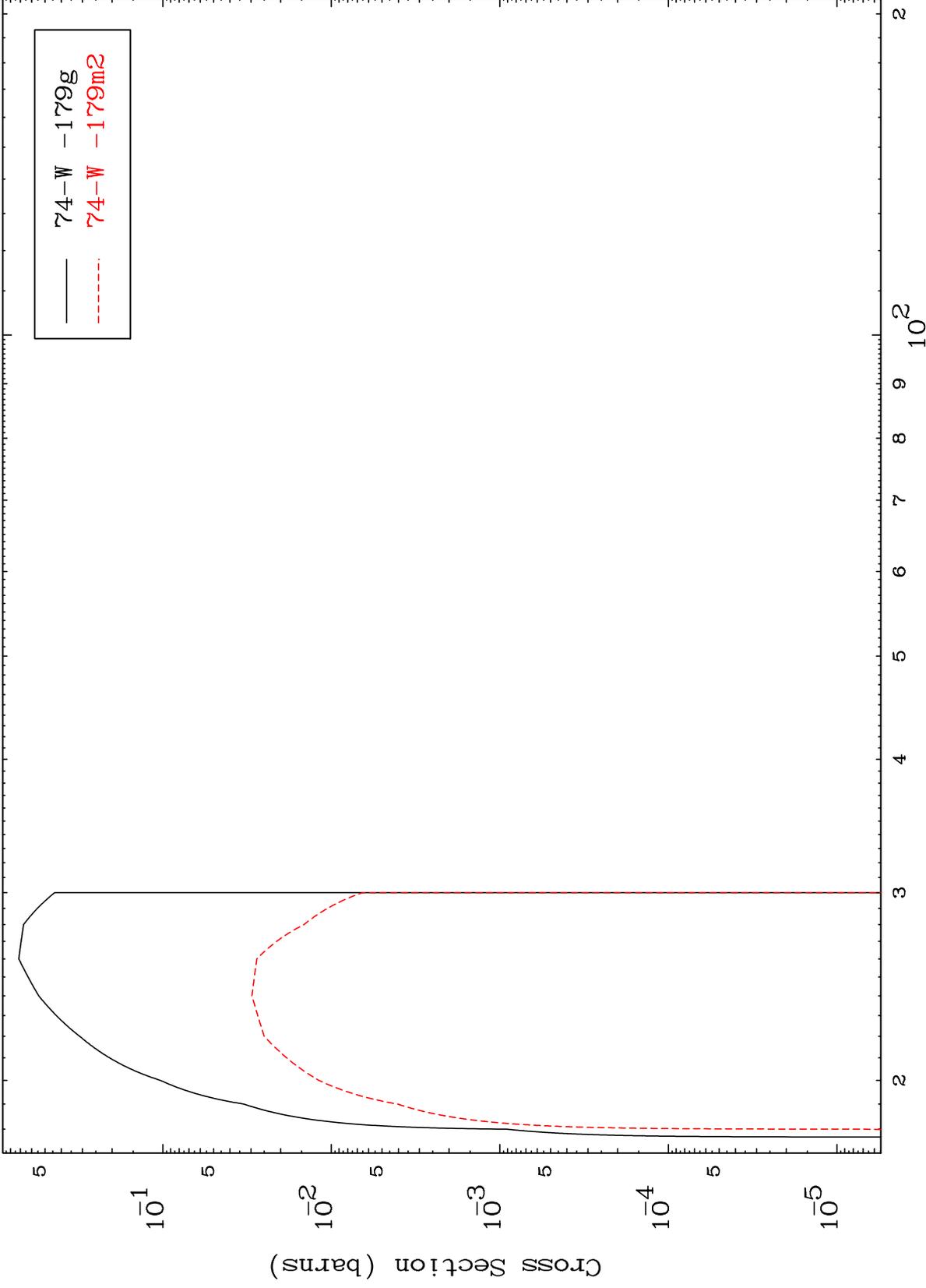


10

Incident Energy (MeV)

72-Hf-177

( $\alpha, 2n$ )  
Radionuclide Production Cross Section

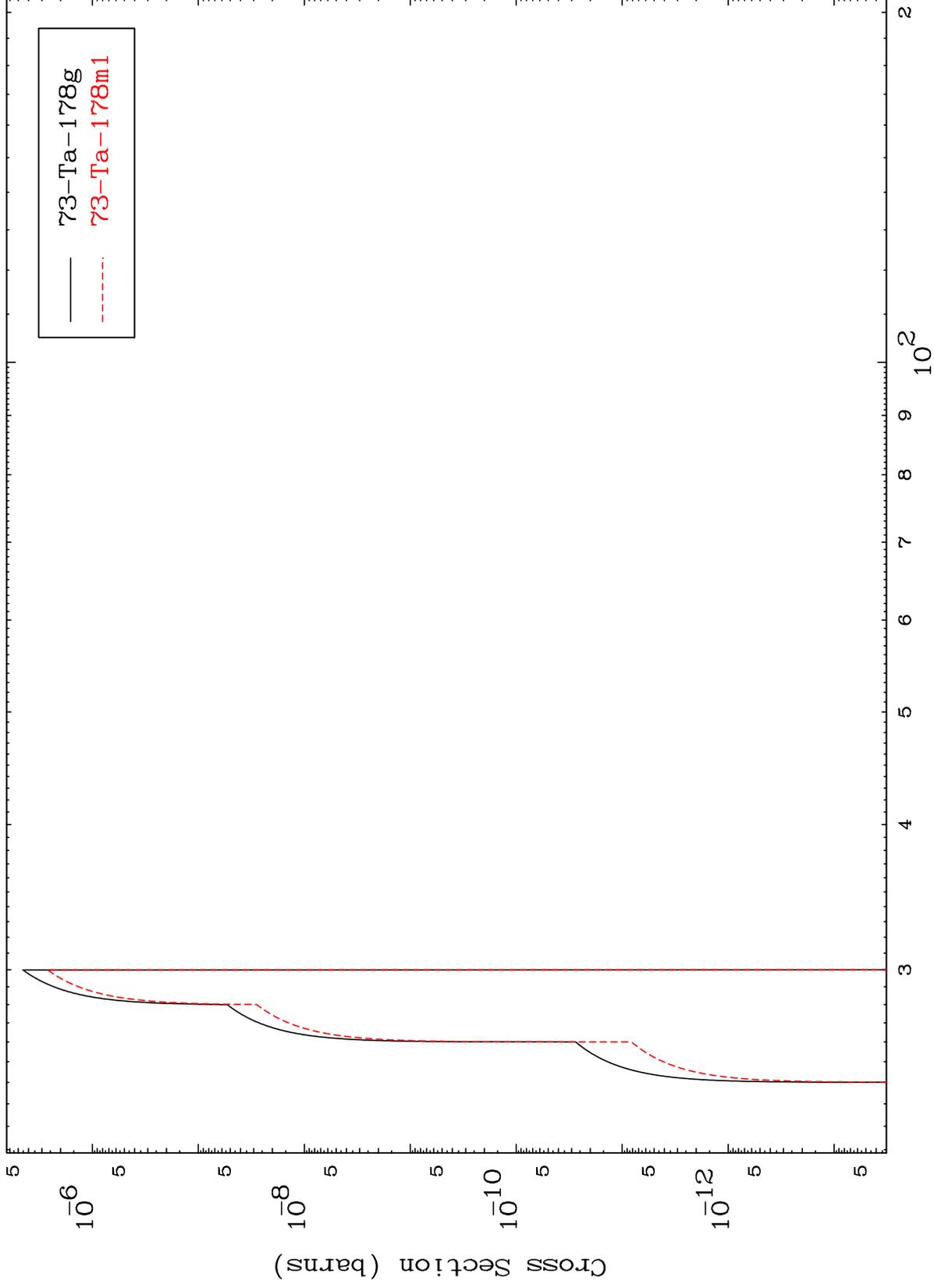


MAT 7234

( $\alpha, n'$ ) d

72-Hf-177

Radionuclide Production Cross Section



12

Incident Energy (MeV)

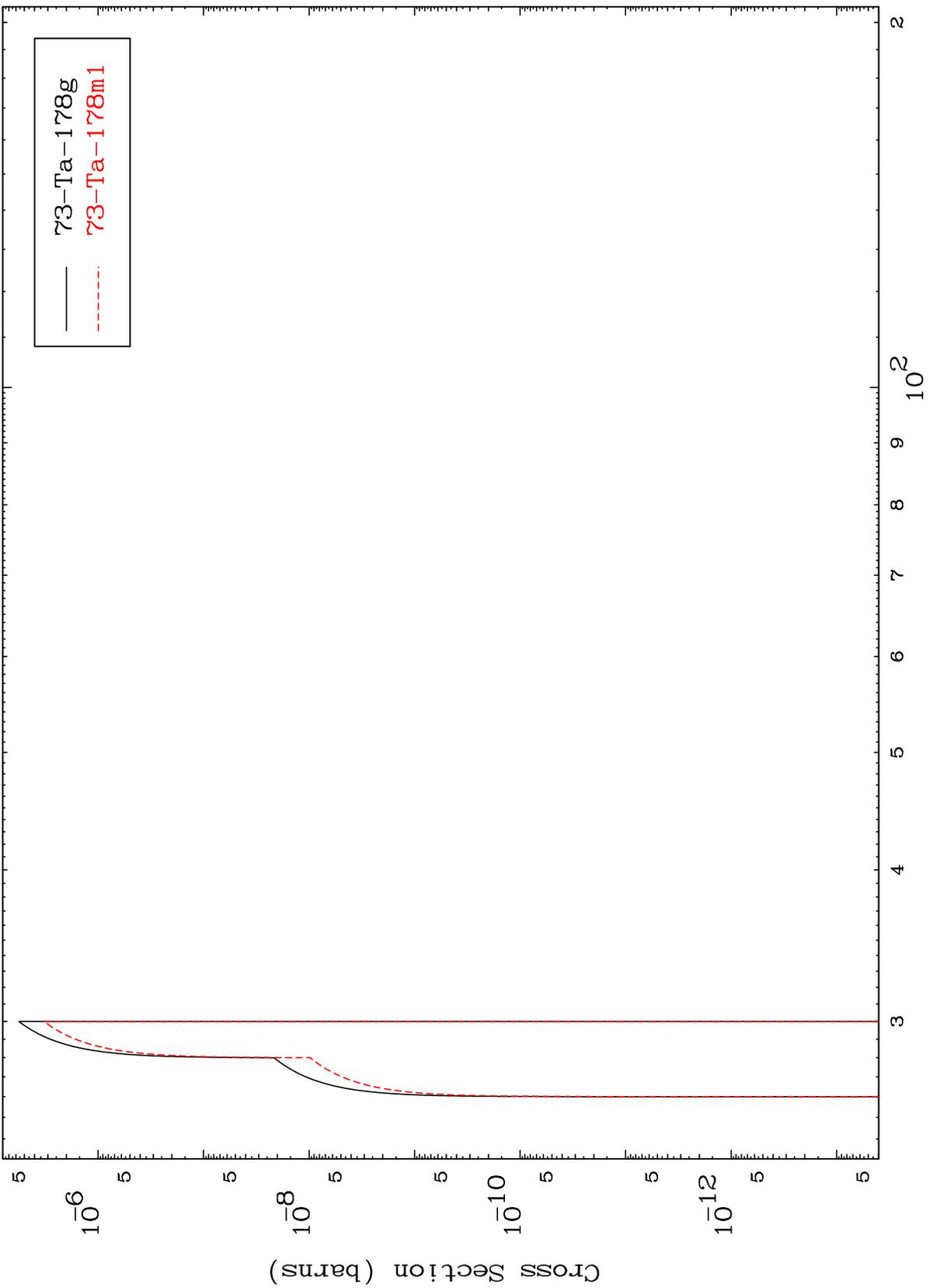
72-Hf-177

MAT 7234

( $\alpha, 2n$ ) p

72-Hf-177

Radionuclide Production Cross Section



13

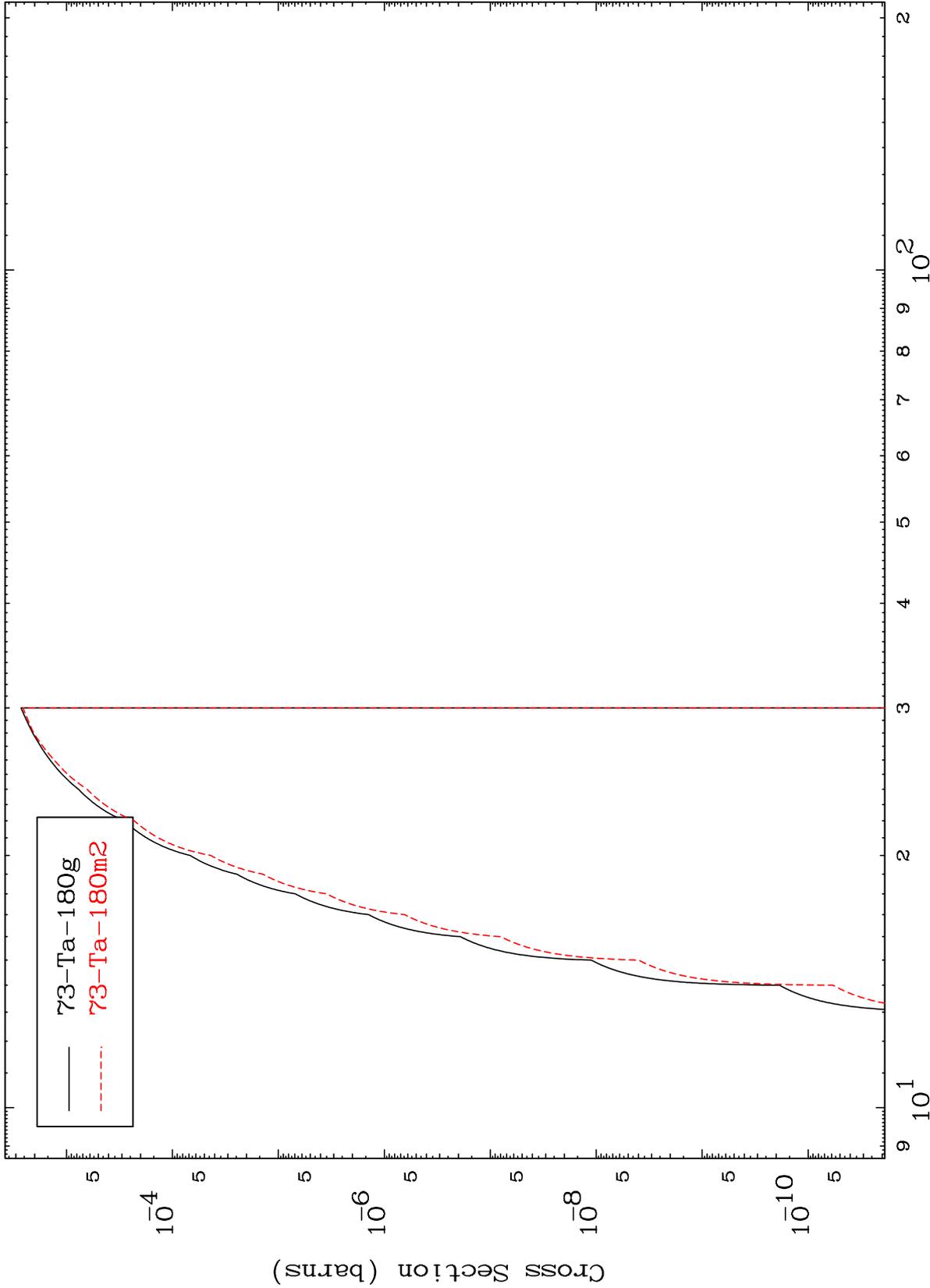
Incident Energy (MeV)

72-Hf-177

MAT 7234

72-Hf-177

( $\alpha, p$ )  
Radionuclide Production Cross Section



72-Hf-177

Incident Energy (MeV)

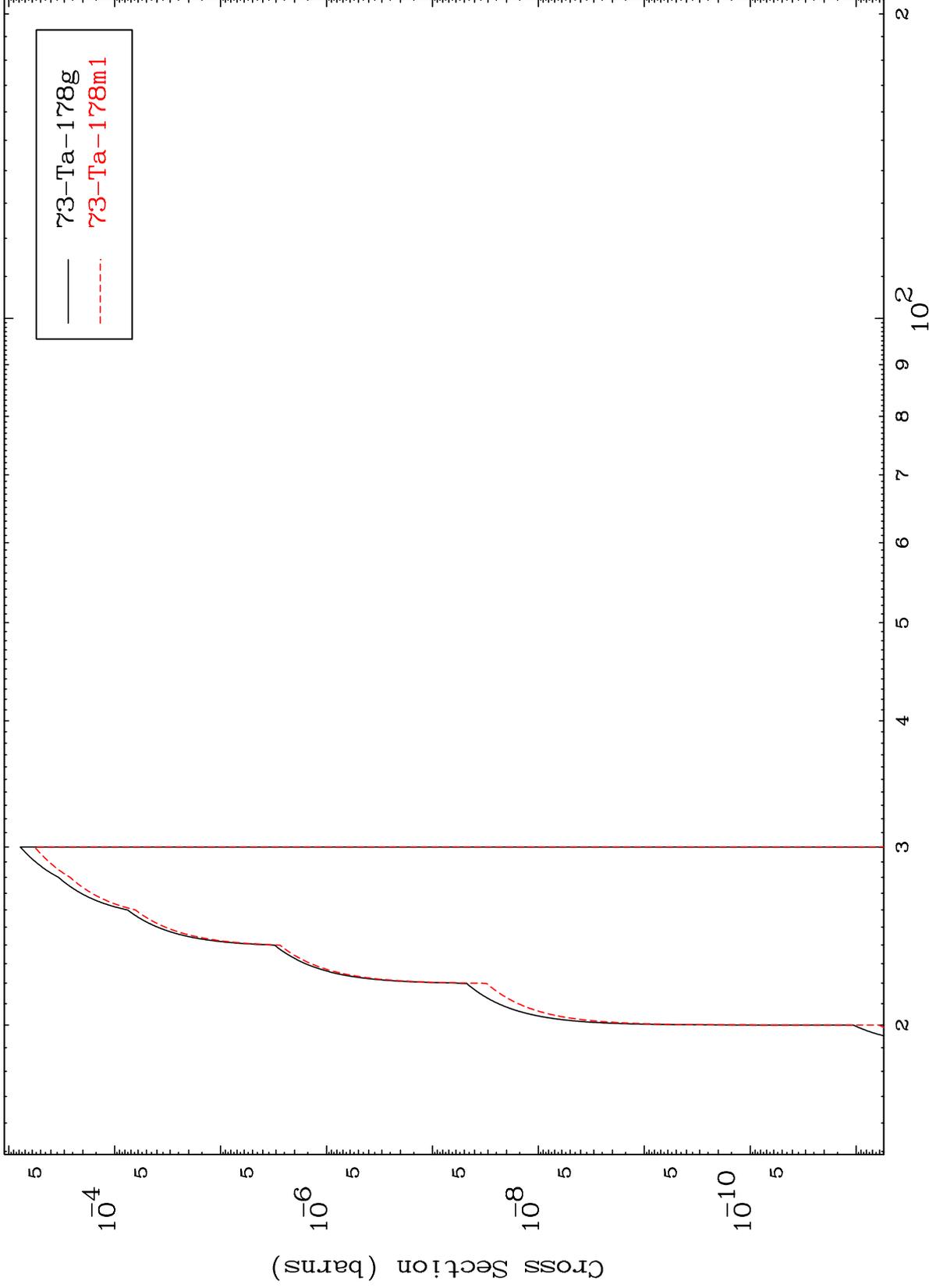
14

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( $\alpha, t$ )

72-Hf-177

Radionuclide Production Cross Section

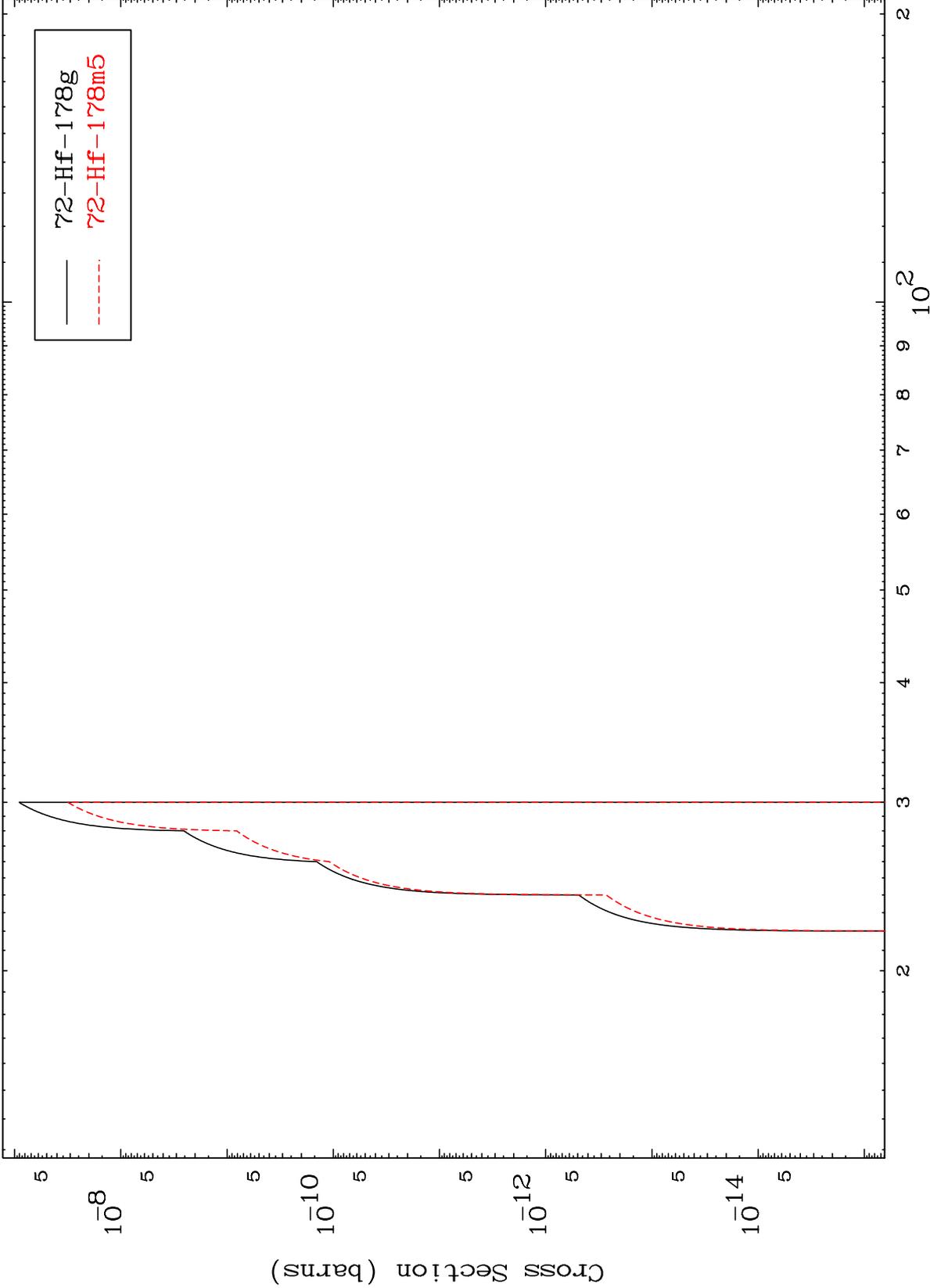


15

Incident Energy (MeV)

72-Hf-177

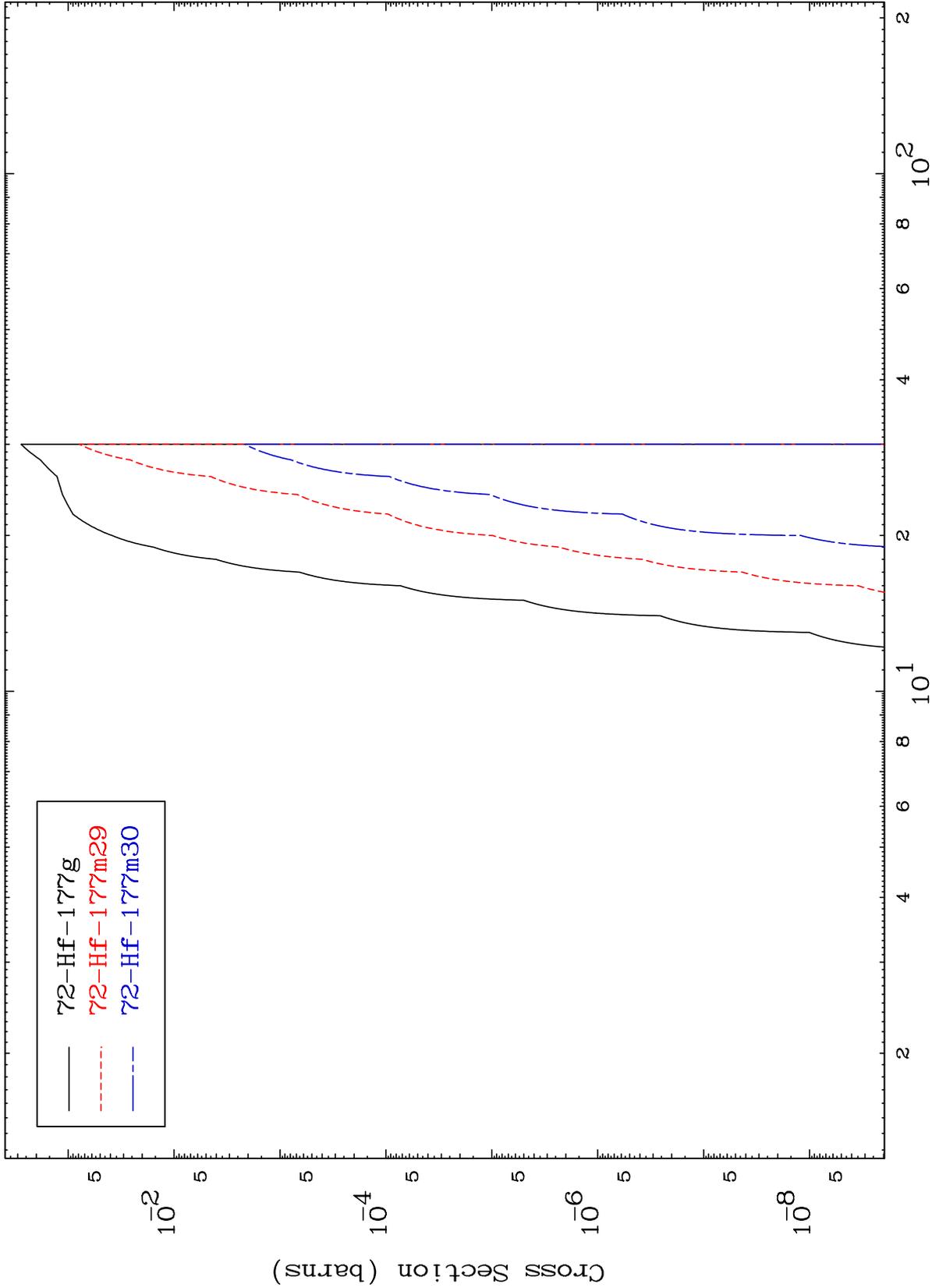
Radionuclide Production Cross Section



MAT 7234

72-Hf-177

Radionuclide Production Cross Section  
( $\alpha, \alpha$ )



17

Incident Energy (MeV)

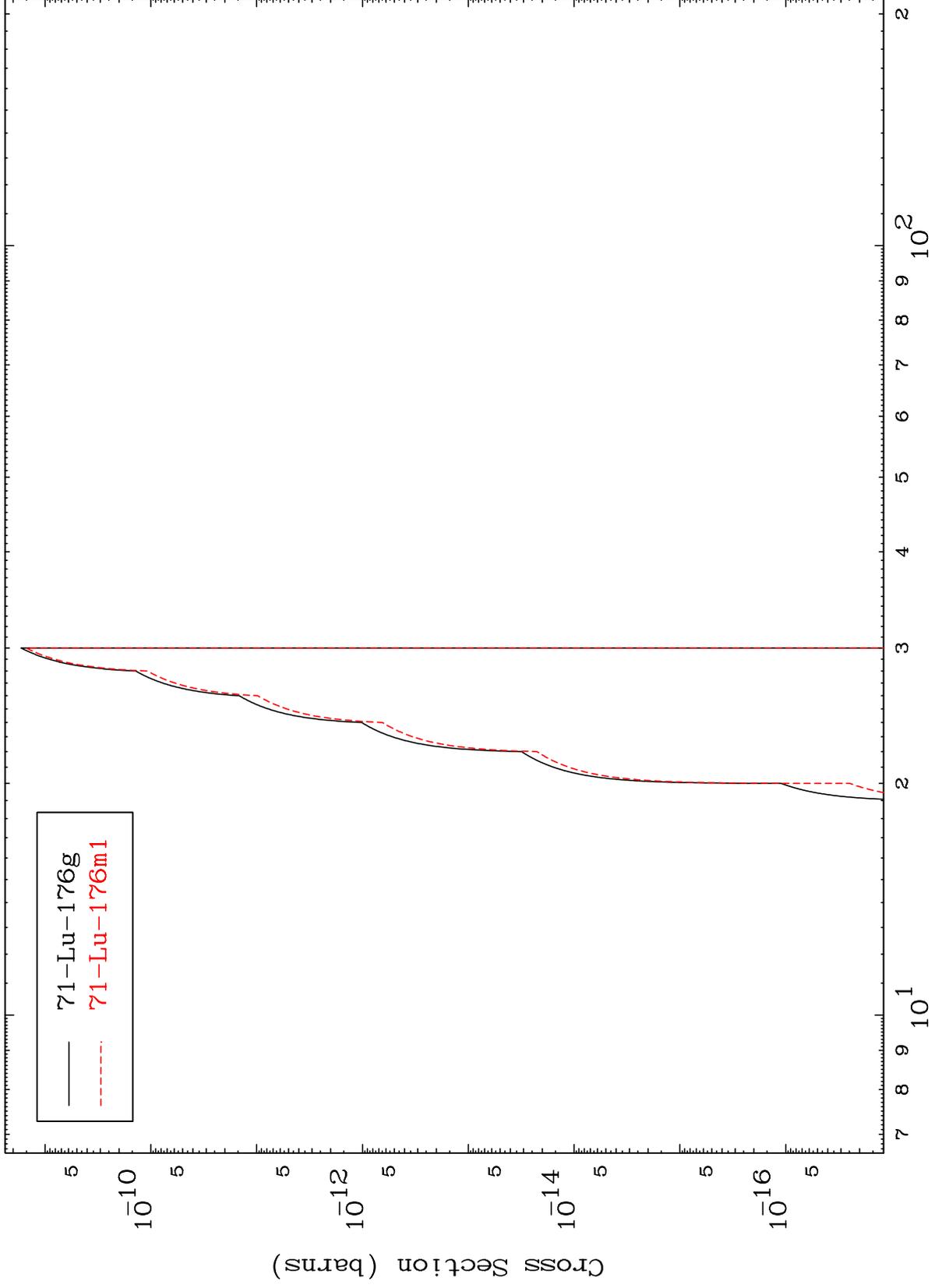
72-Hf-177

MAT 7234

( $\alpha, p$ )  $\alpha$

72-Hf-177

Radionuclide Production Cross Section



71-Lu-176g  
71-Lu-176m1