

Program EVALPLOT  
(Version 2018-1)

by

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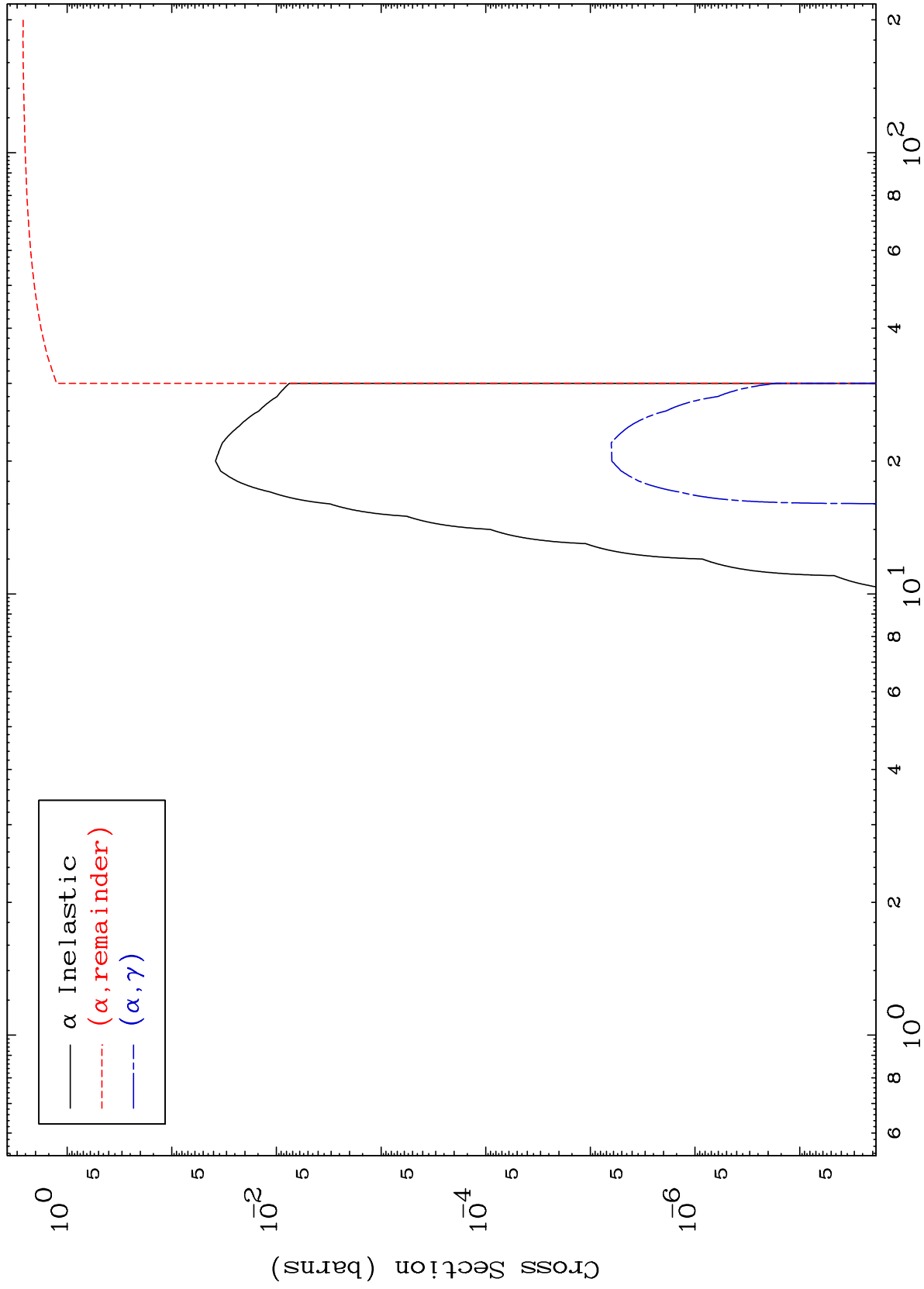
Press Mouse Button to Start

MAT 7242

0 Kelvin

$\alpha$  Major Cross Sections

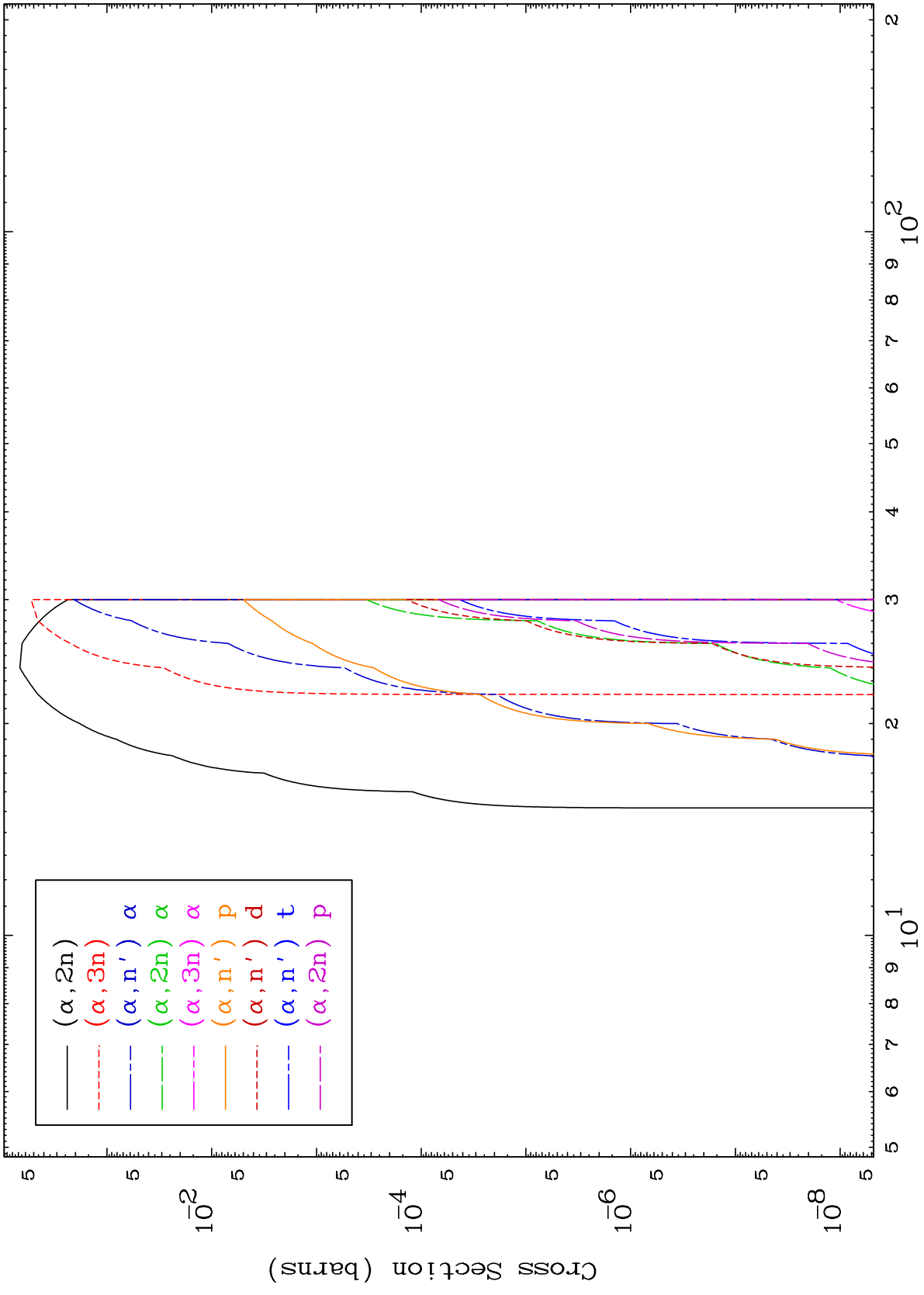
72-Hf-179

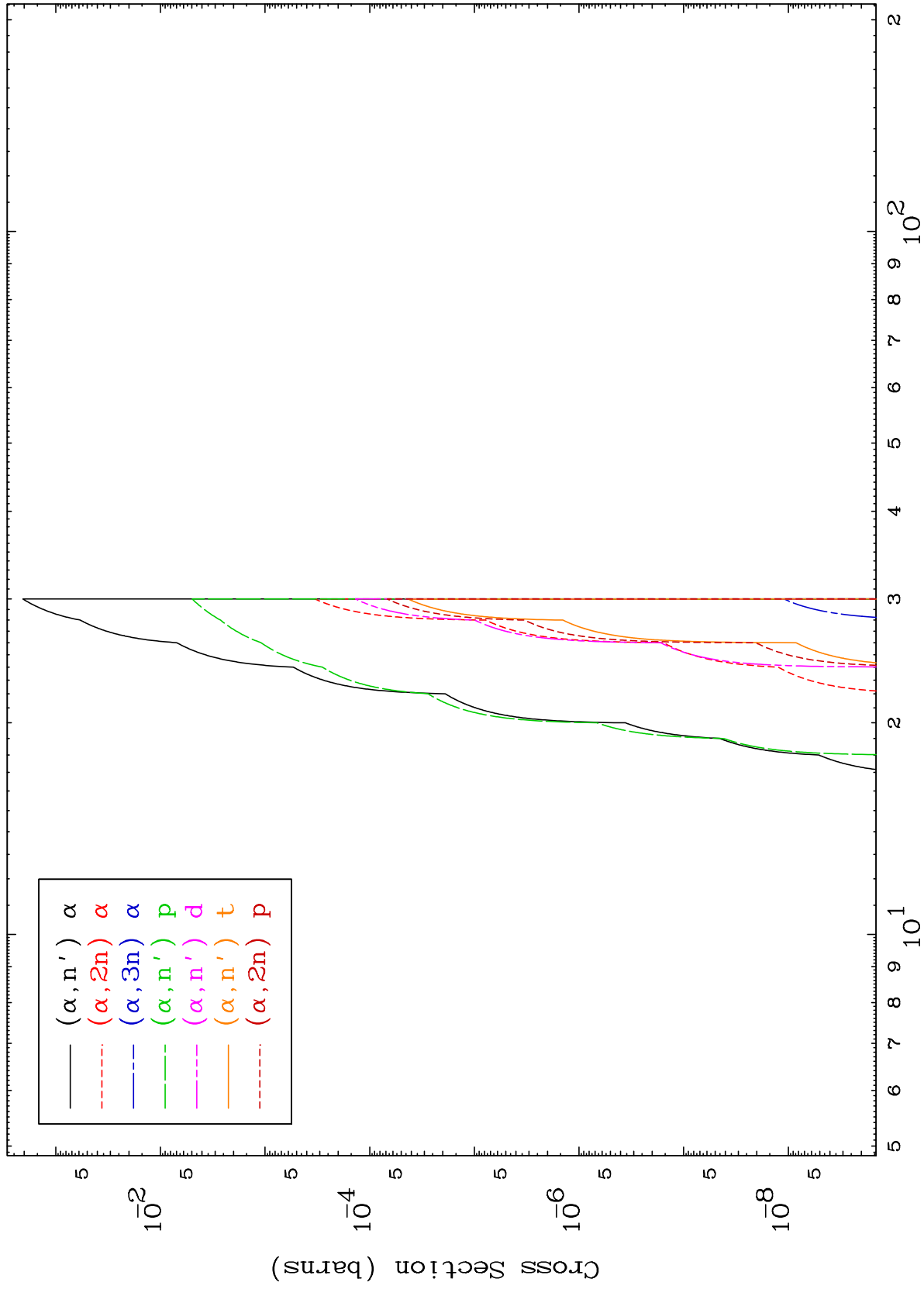


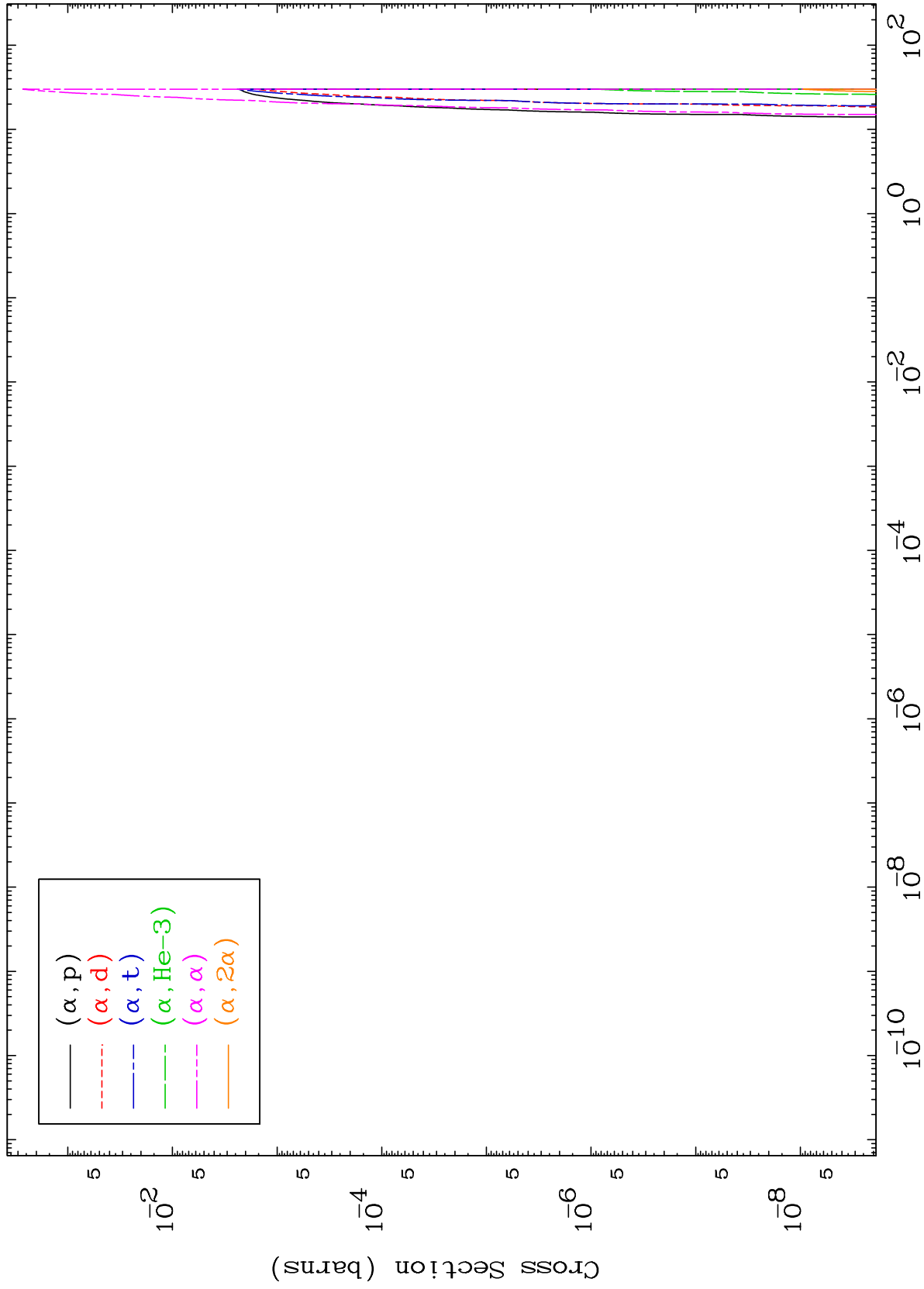
1

Incident Energy (MeV)

72-Hf-179



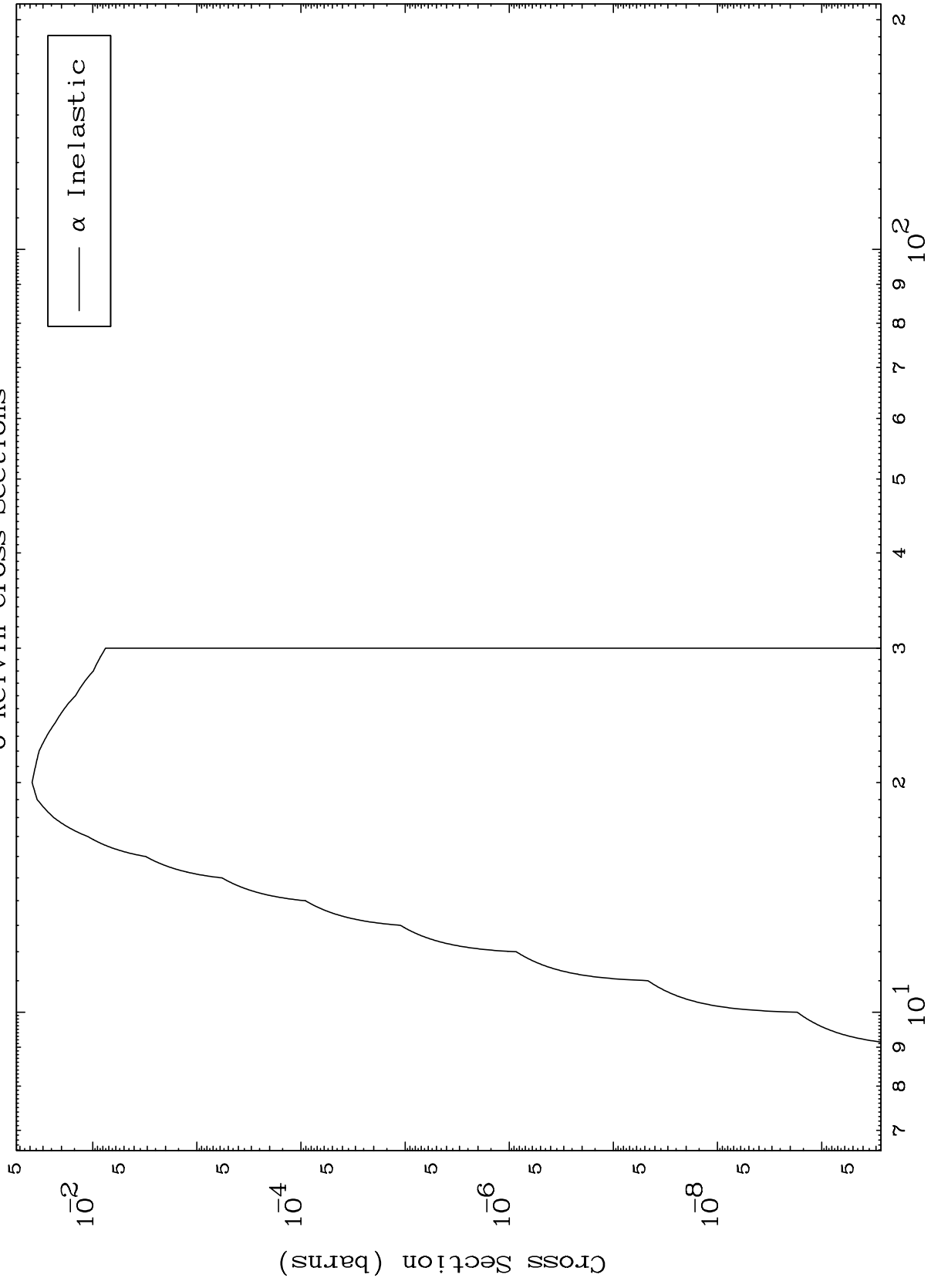




MAT 7242

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

72-Hf-179



5

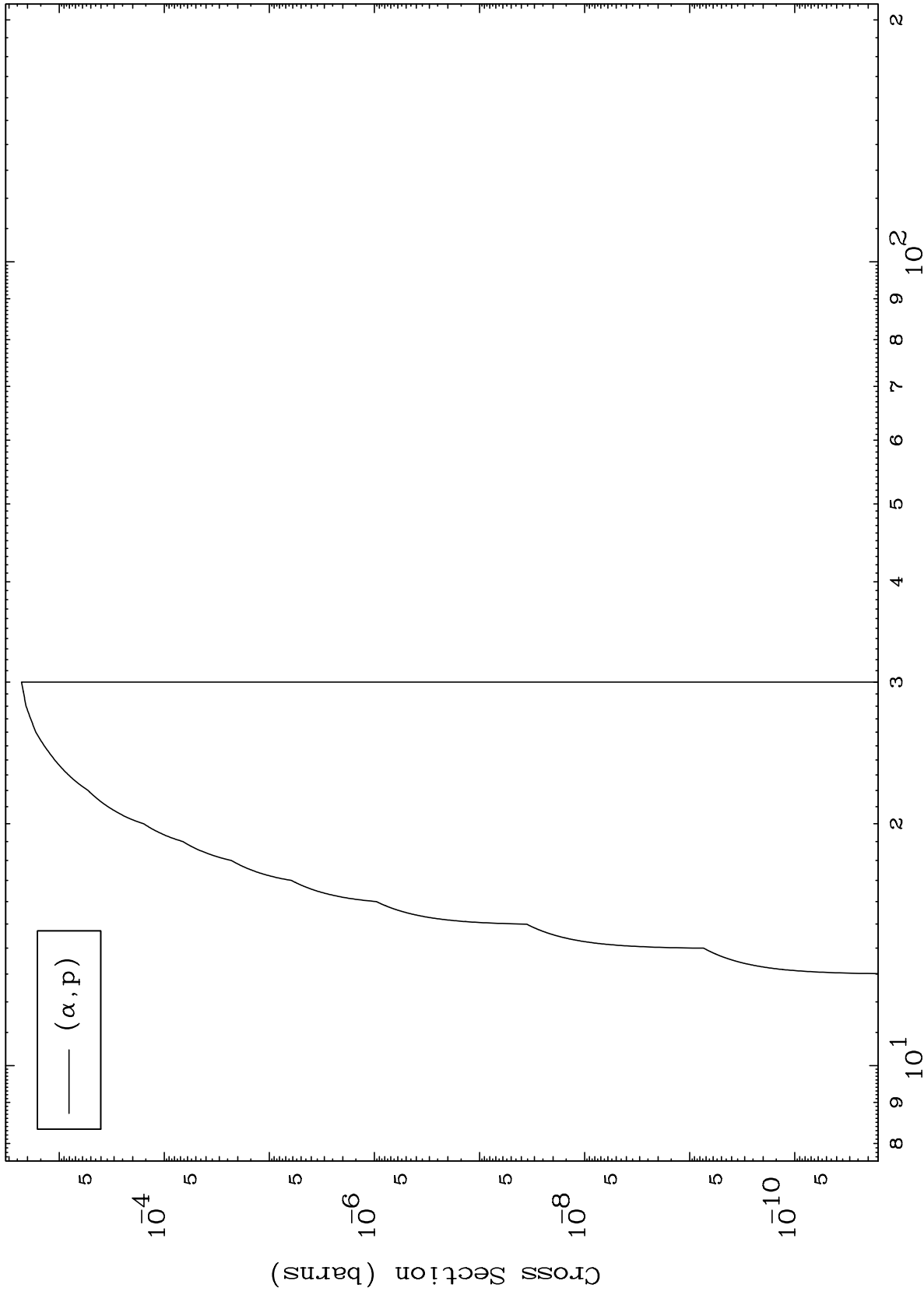
Incident Energy (MeV)

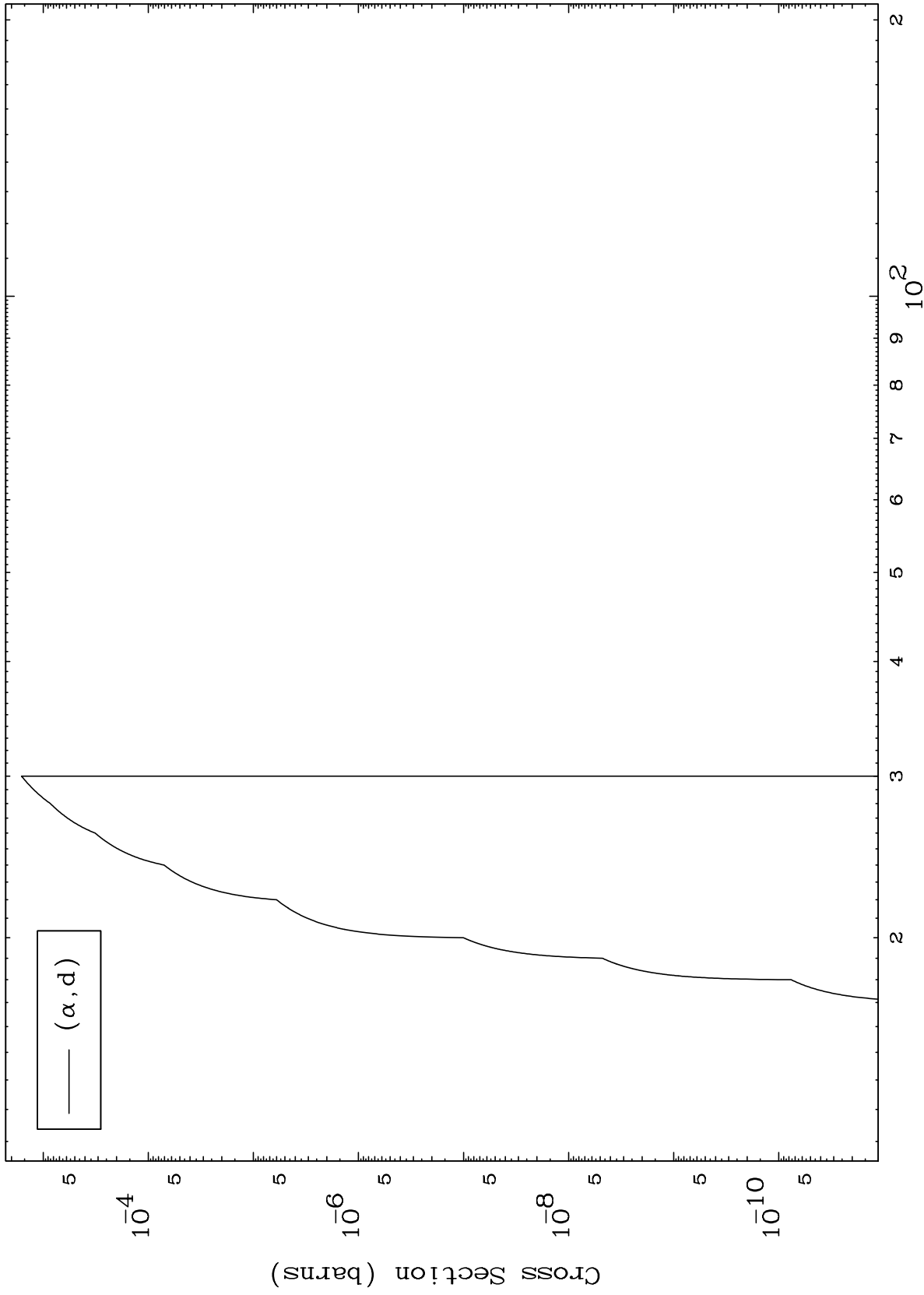
72-Hf-179

MAT 7242

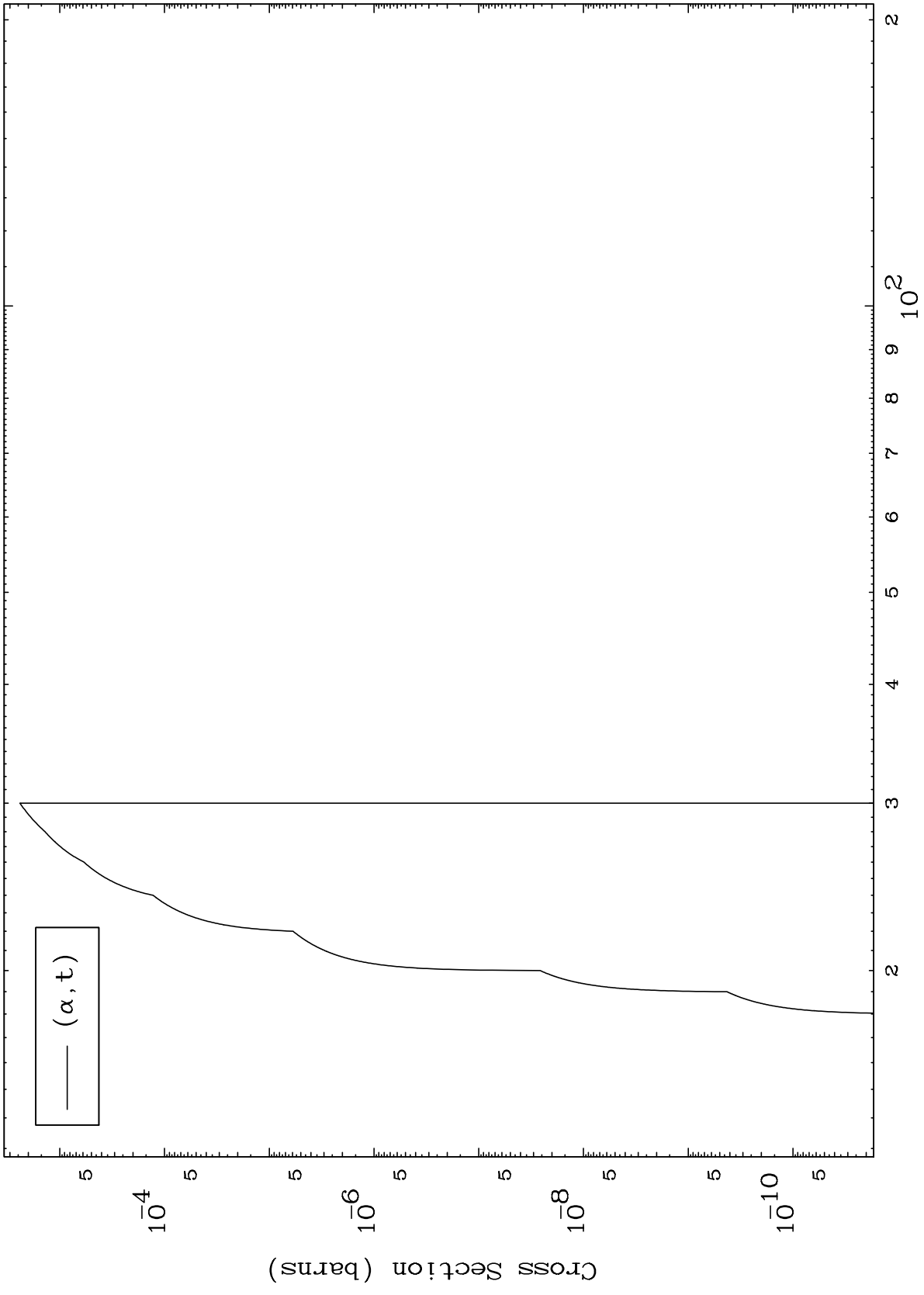
( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

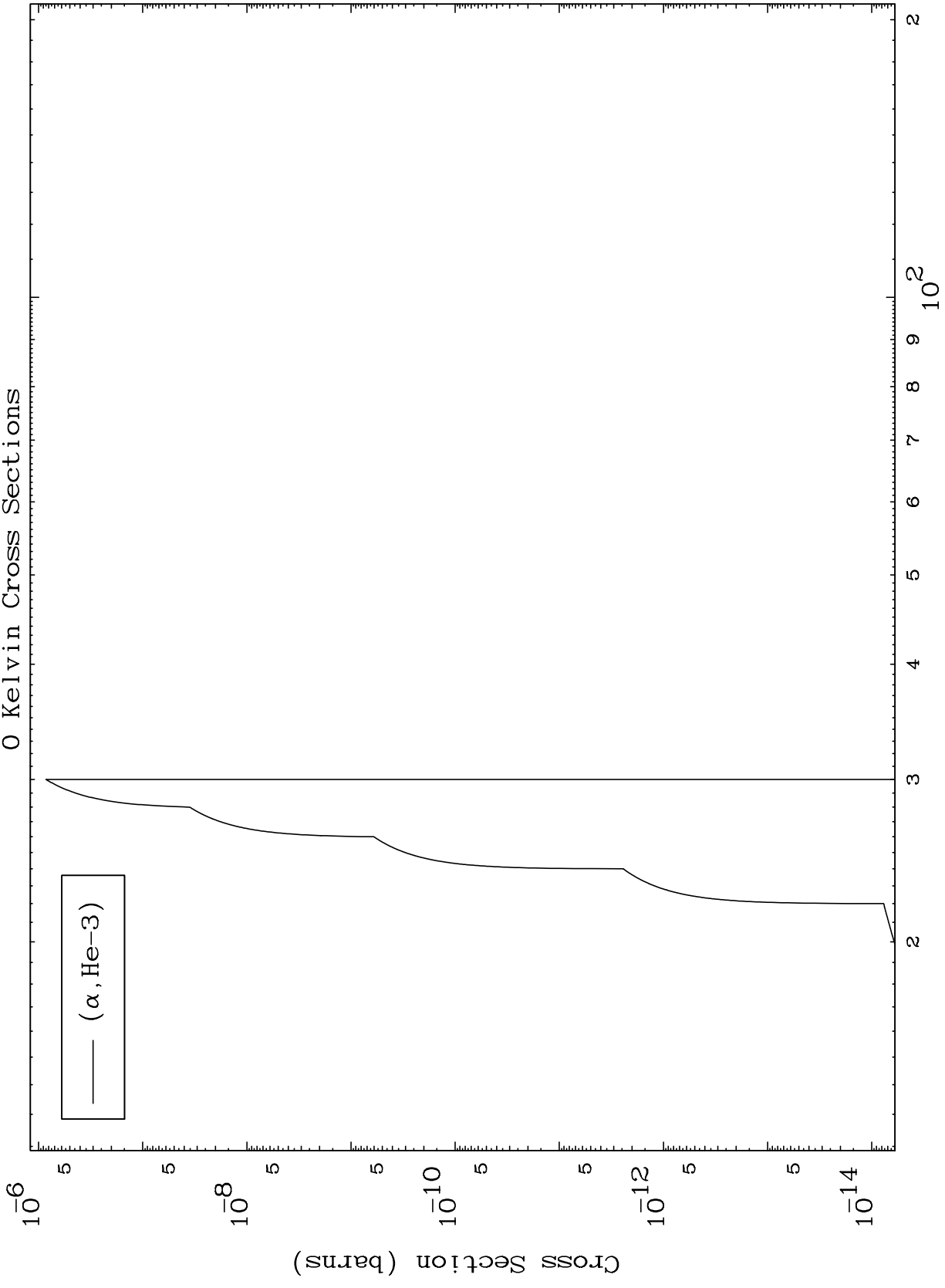
72-Hf-179







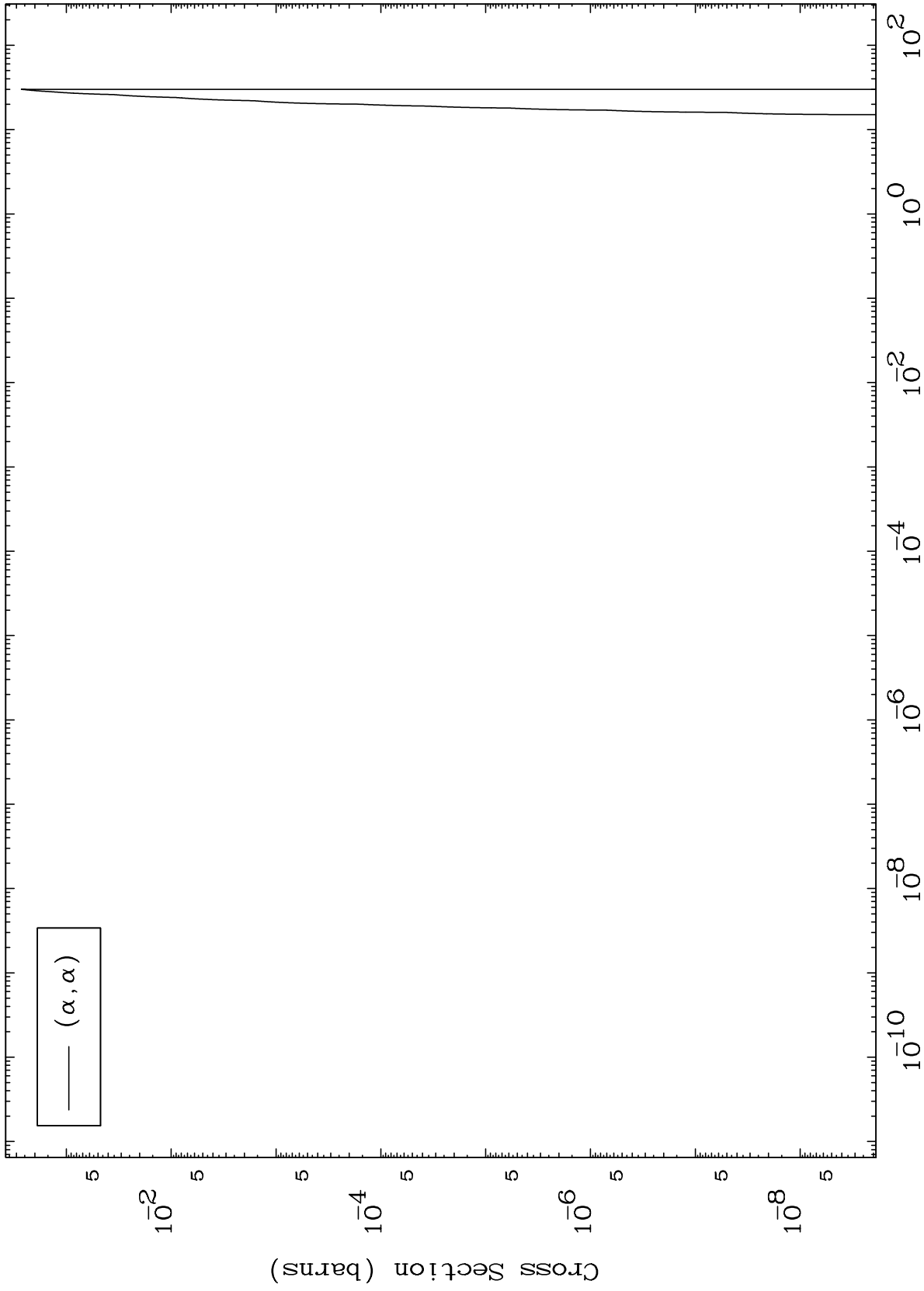




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( $\alpha, \alpha$ ) Levels  
0 Kelvin Cross Sections

72-Hf-179



10

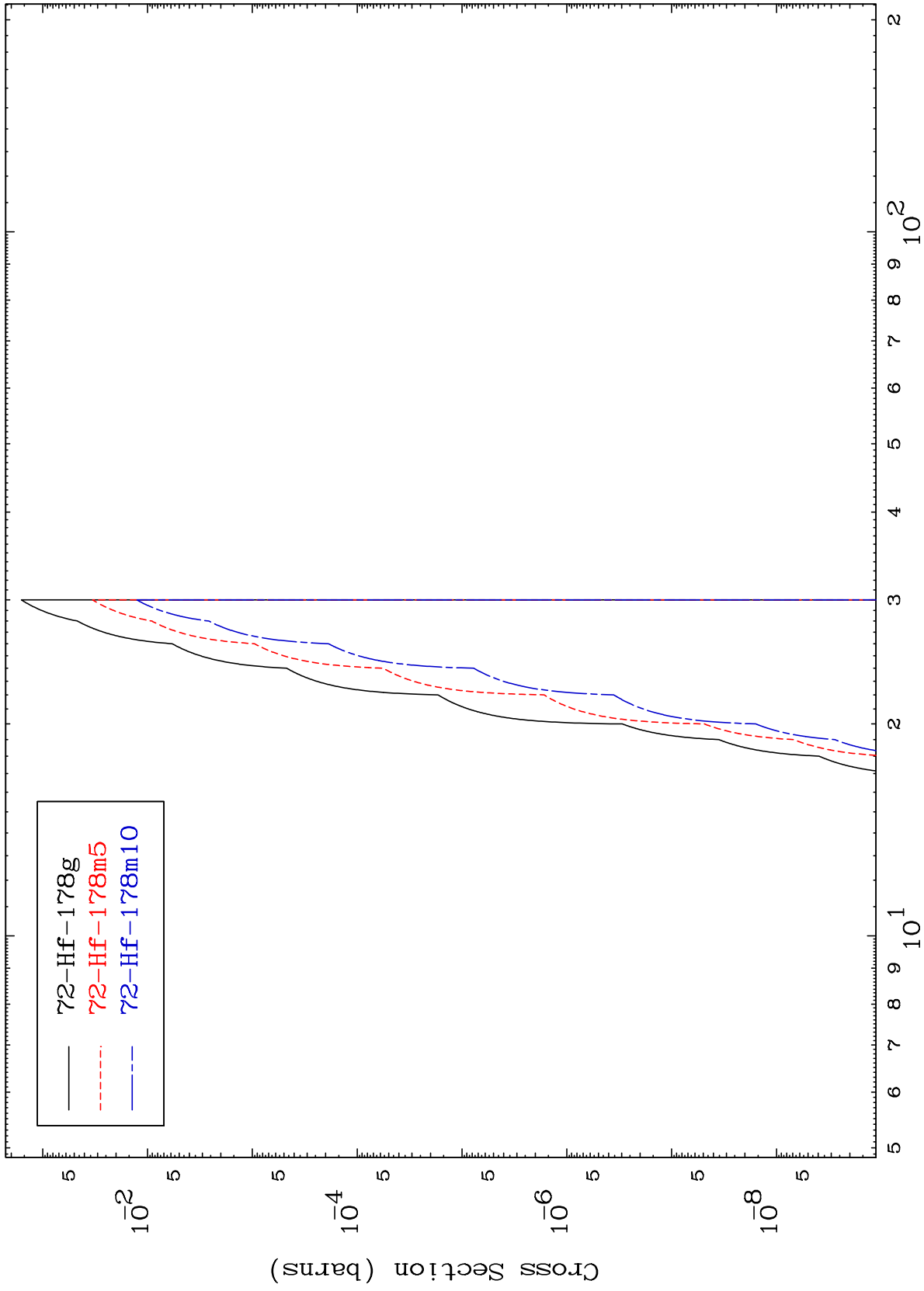
Incident Energy (MeV)

72-Hf-179

MAT 7242

72-Hf-179

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



11

Incident Energy (MeV)

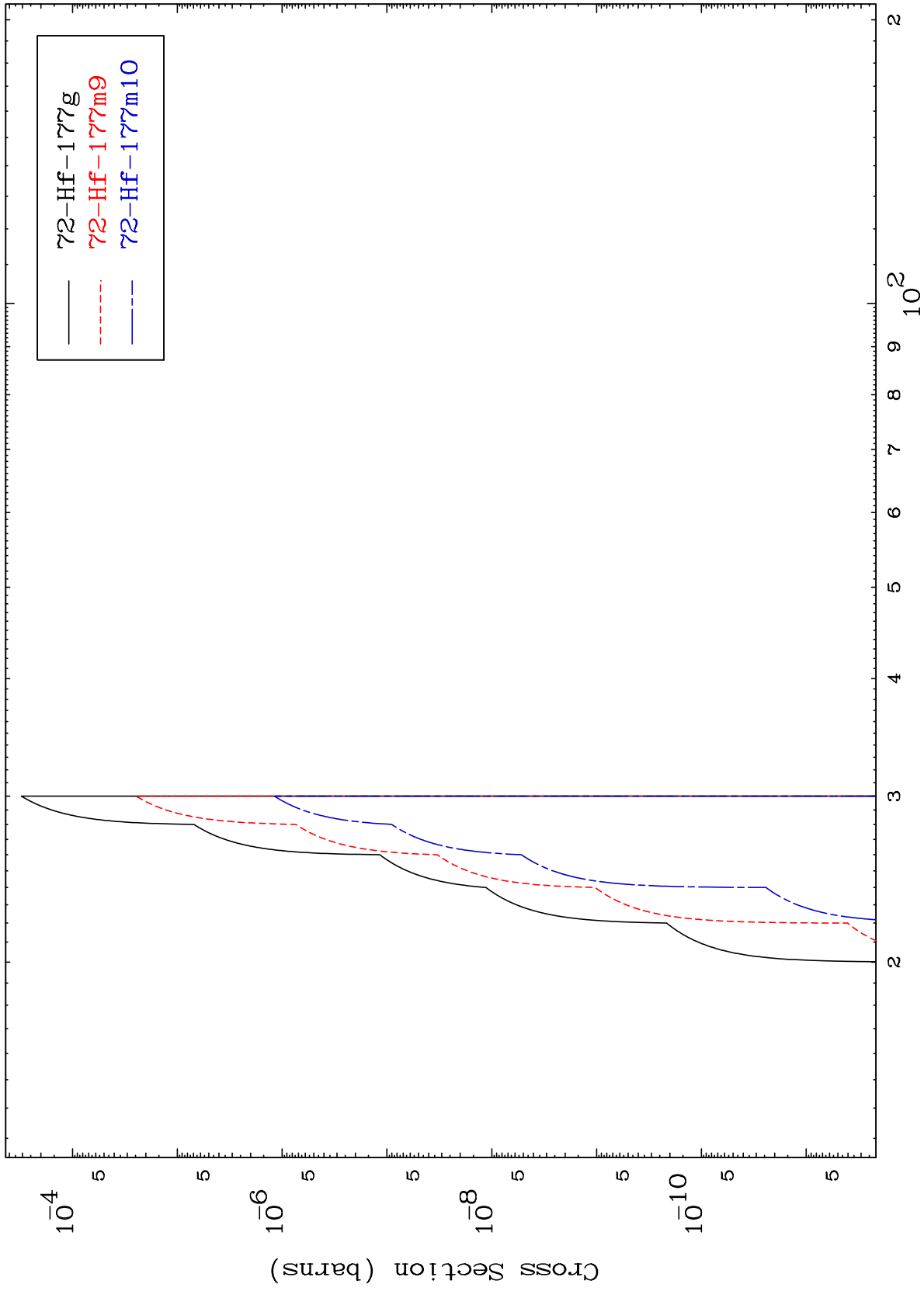
72-Hf-179

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$(\alpha, 2n) \alpha$

72-Hf-179

Radionuclide Production Cross Section



12

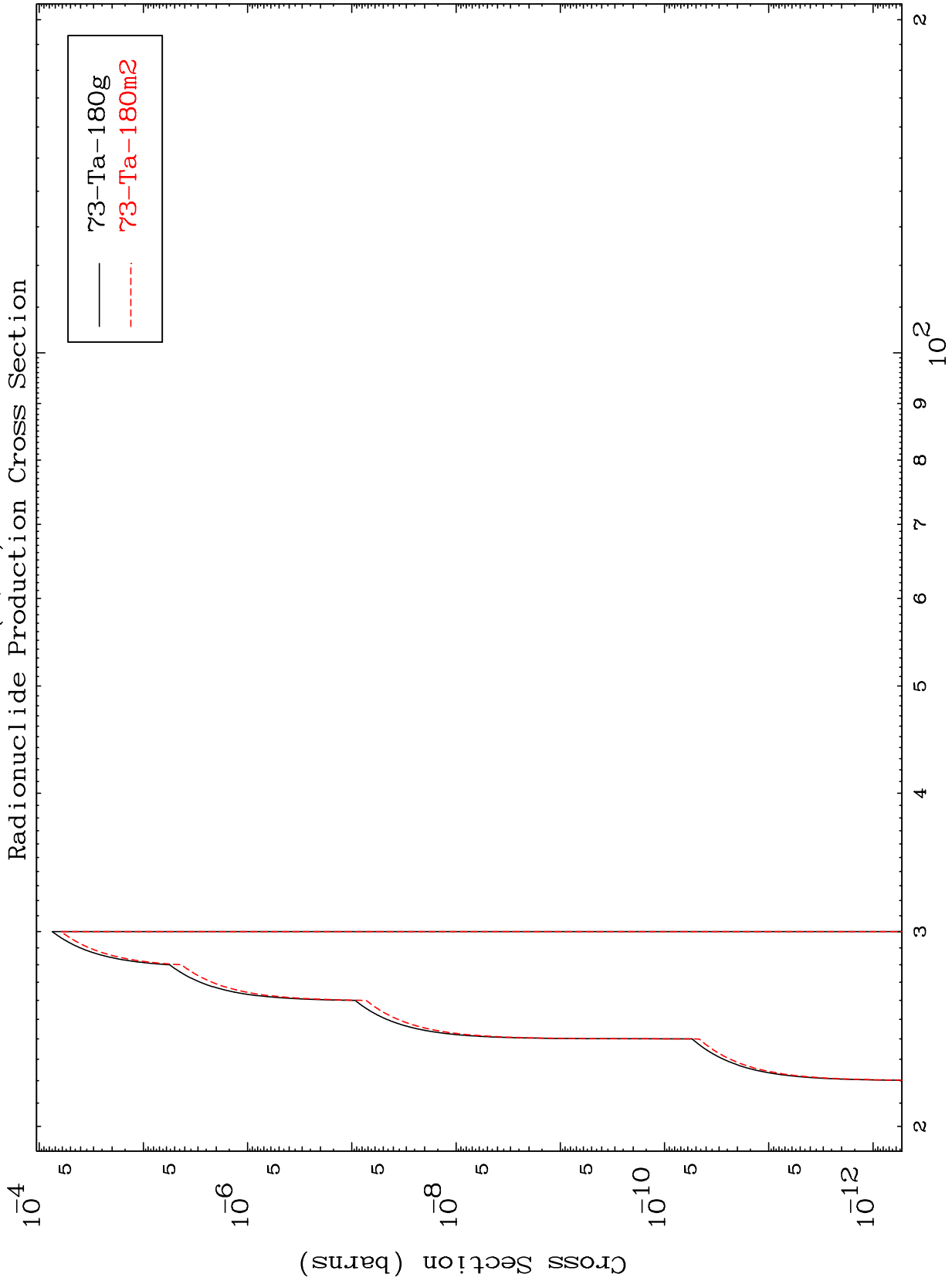
Incident Energy (MeV)

72-Hf-179

MAT 7242

( $\alpha, n'$ ) d

72-Hf-179



13

Incident Energy (MeV)

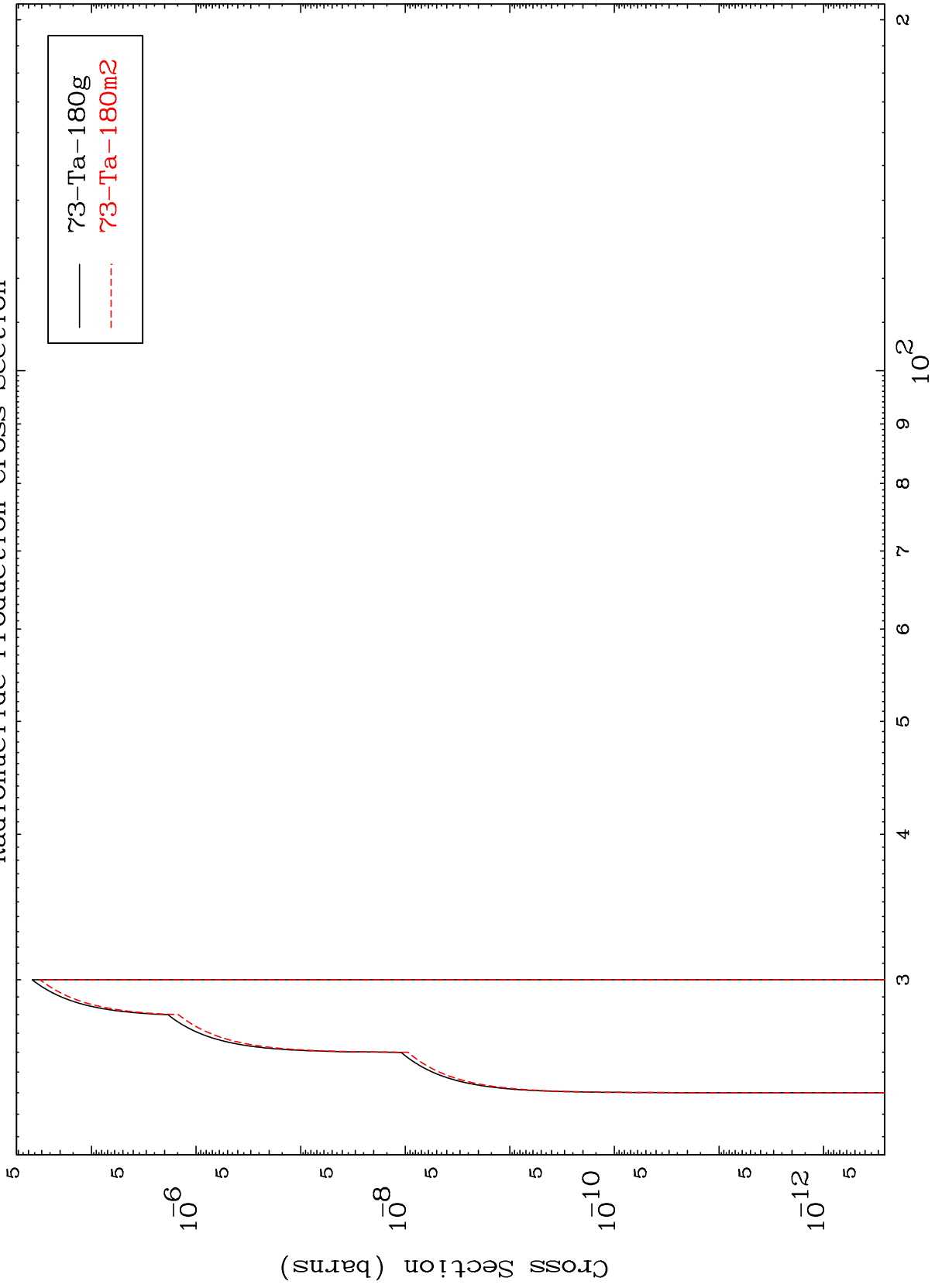
72-Hf-179

MAT 7242

( $\alpha, 2n$ ) p

72-Hf-179

Radionuclide Production Cross Section



14

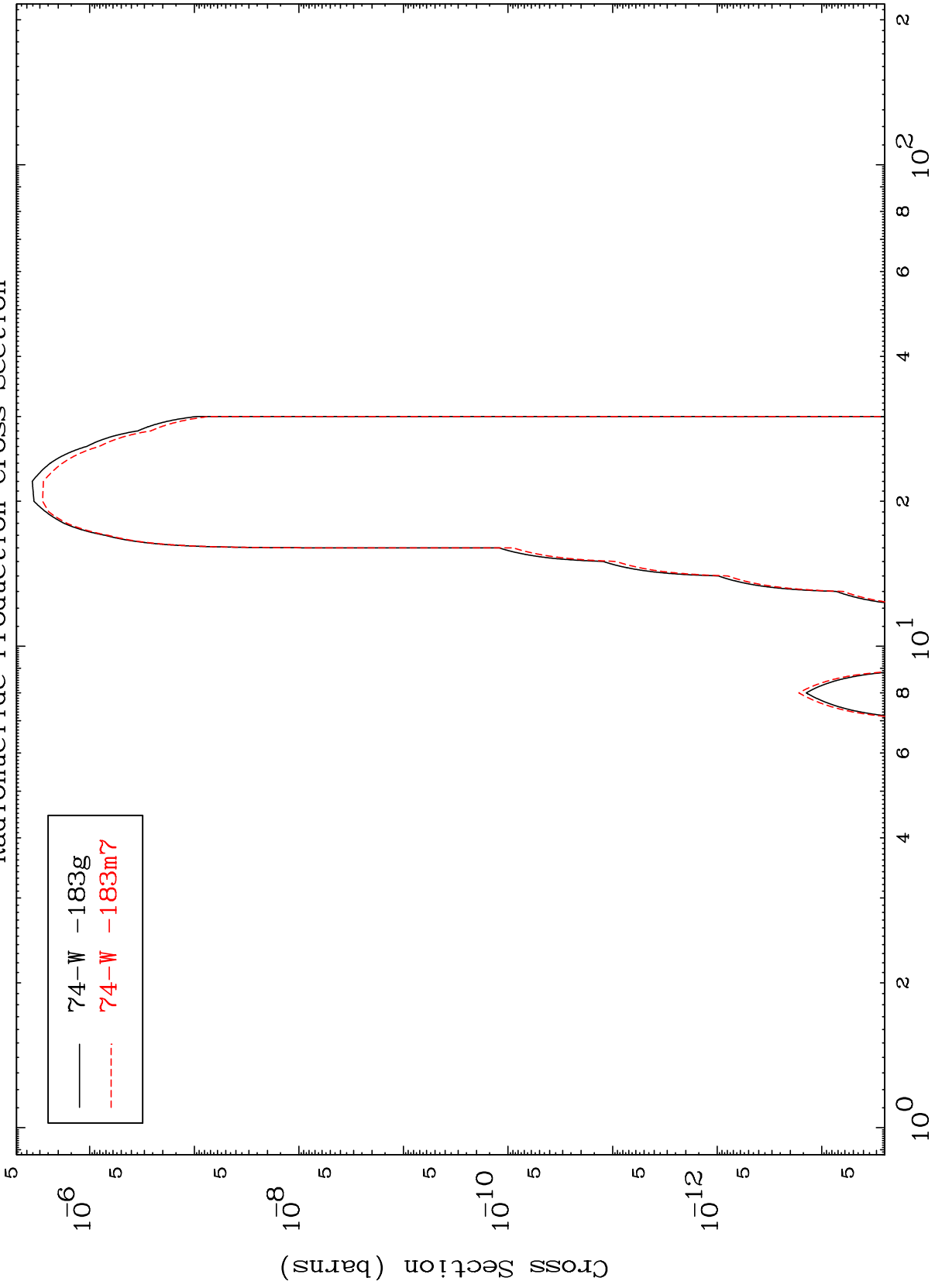
Incident Energy (MeV)

72-Hf-179

MAT 7242

72-Hf-179

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



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

72-Hf-179

Incident Energy (MeV)

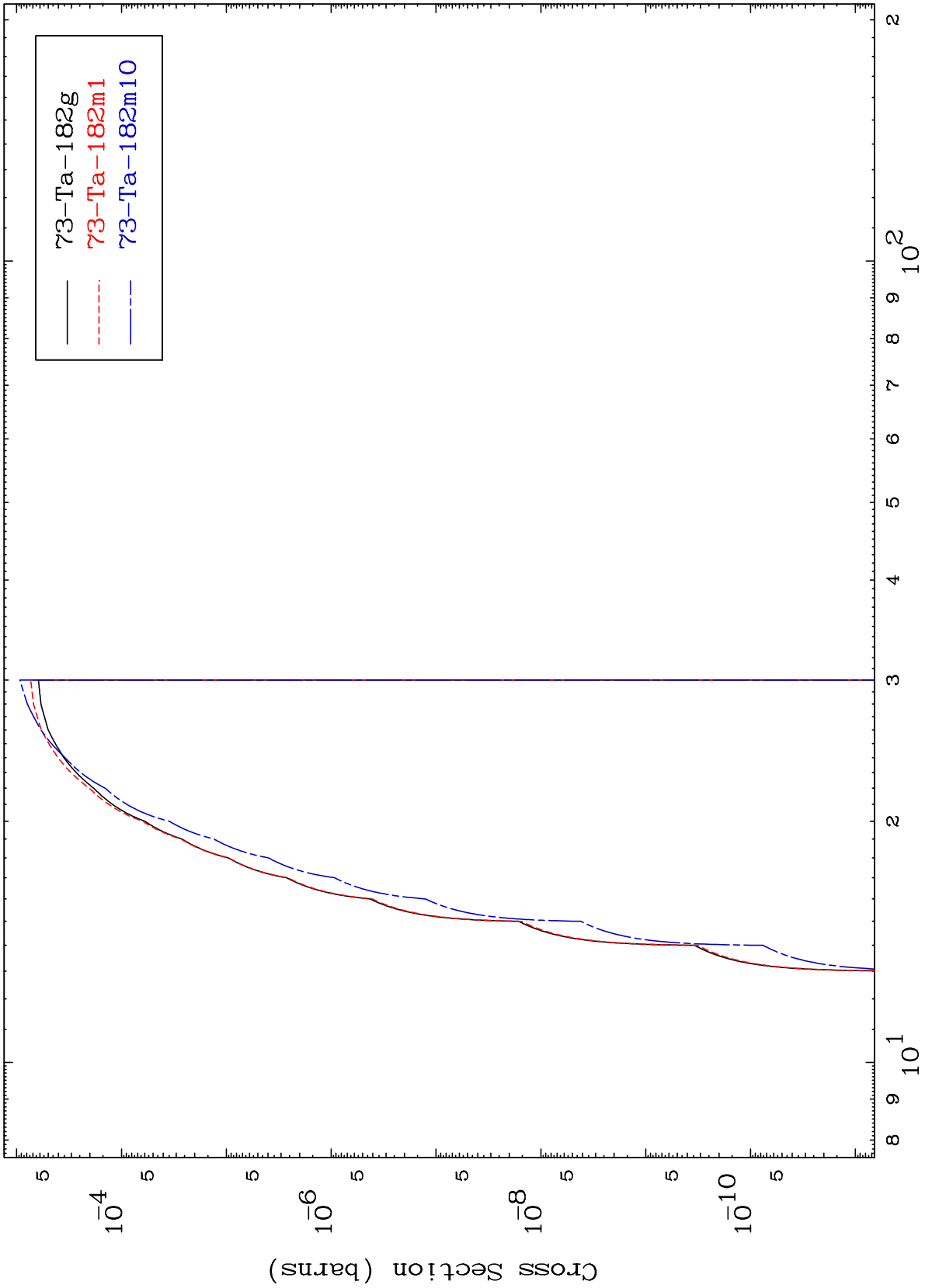
15



MAT 7242

72-Hf-179

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



16

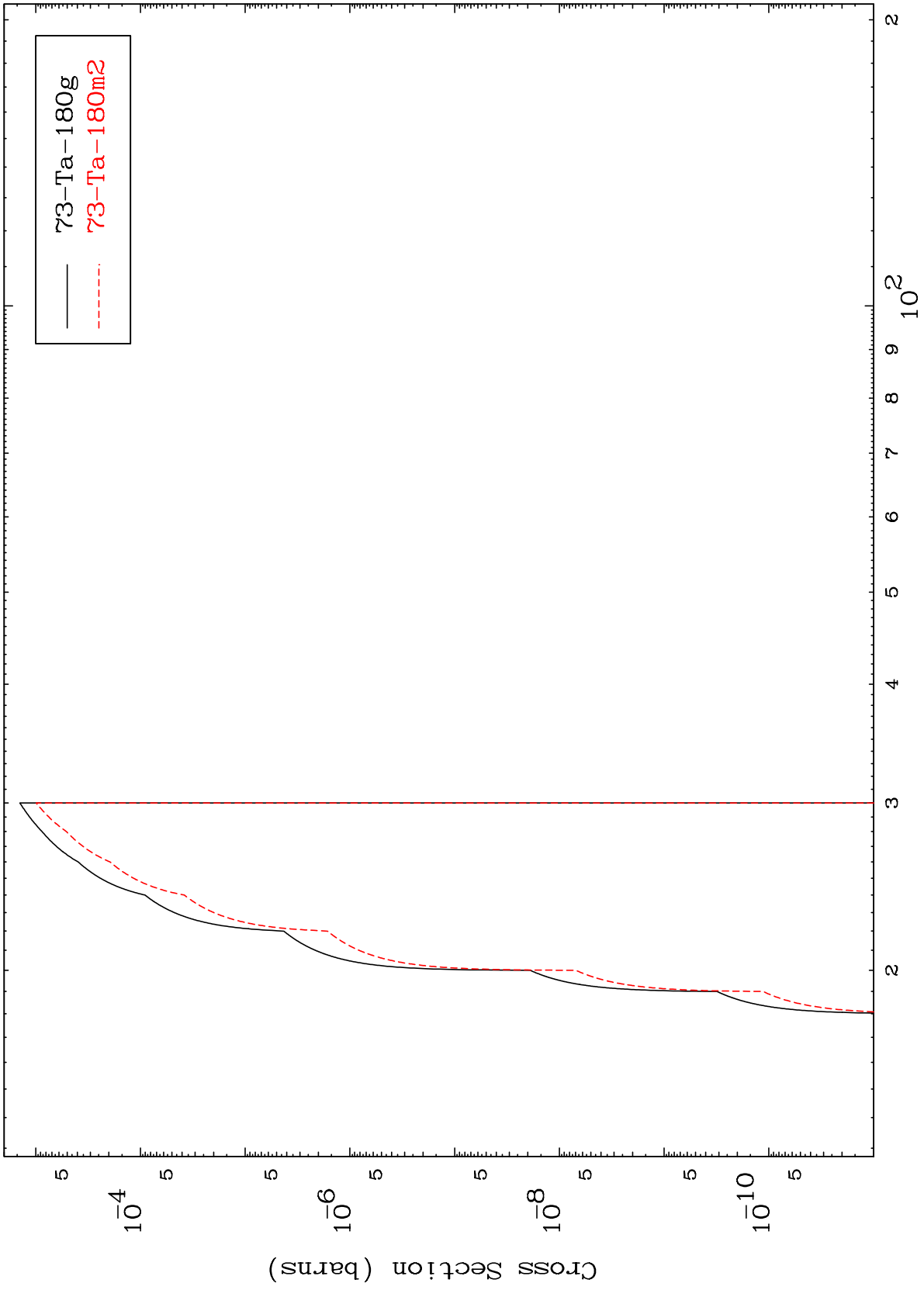
Incident Energy (MeV)

72-Hf-179

MAT 7242

72-Hf-179

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



17

Incident Energy (MeV)

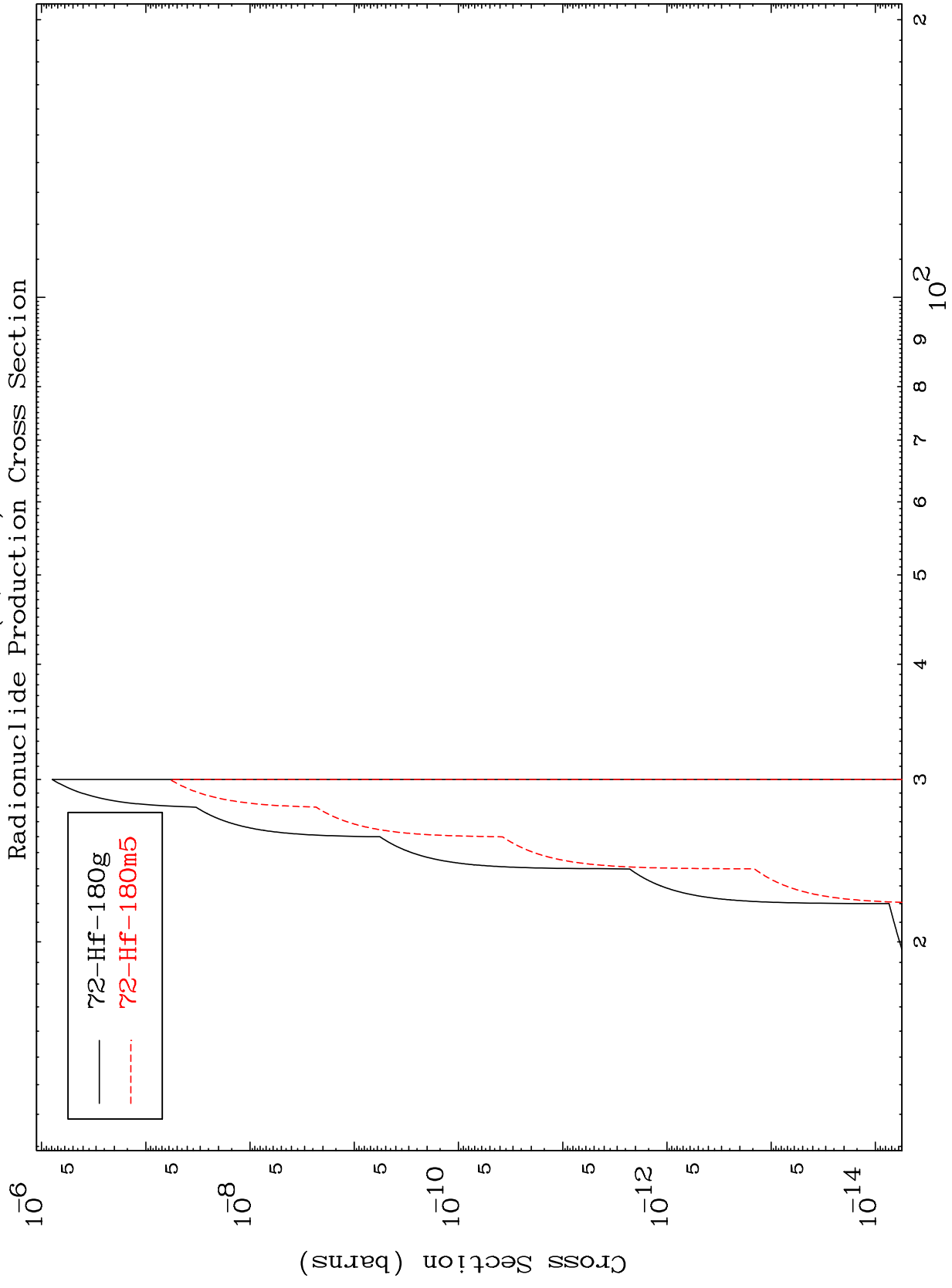
72-Hf-179

MAT 7242

( $\alpha, \text{He-3}$ )

72-Hf-179

Radionuclide Production Cross Section



18

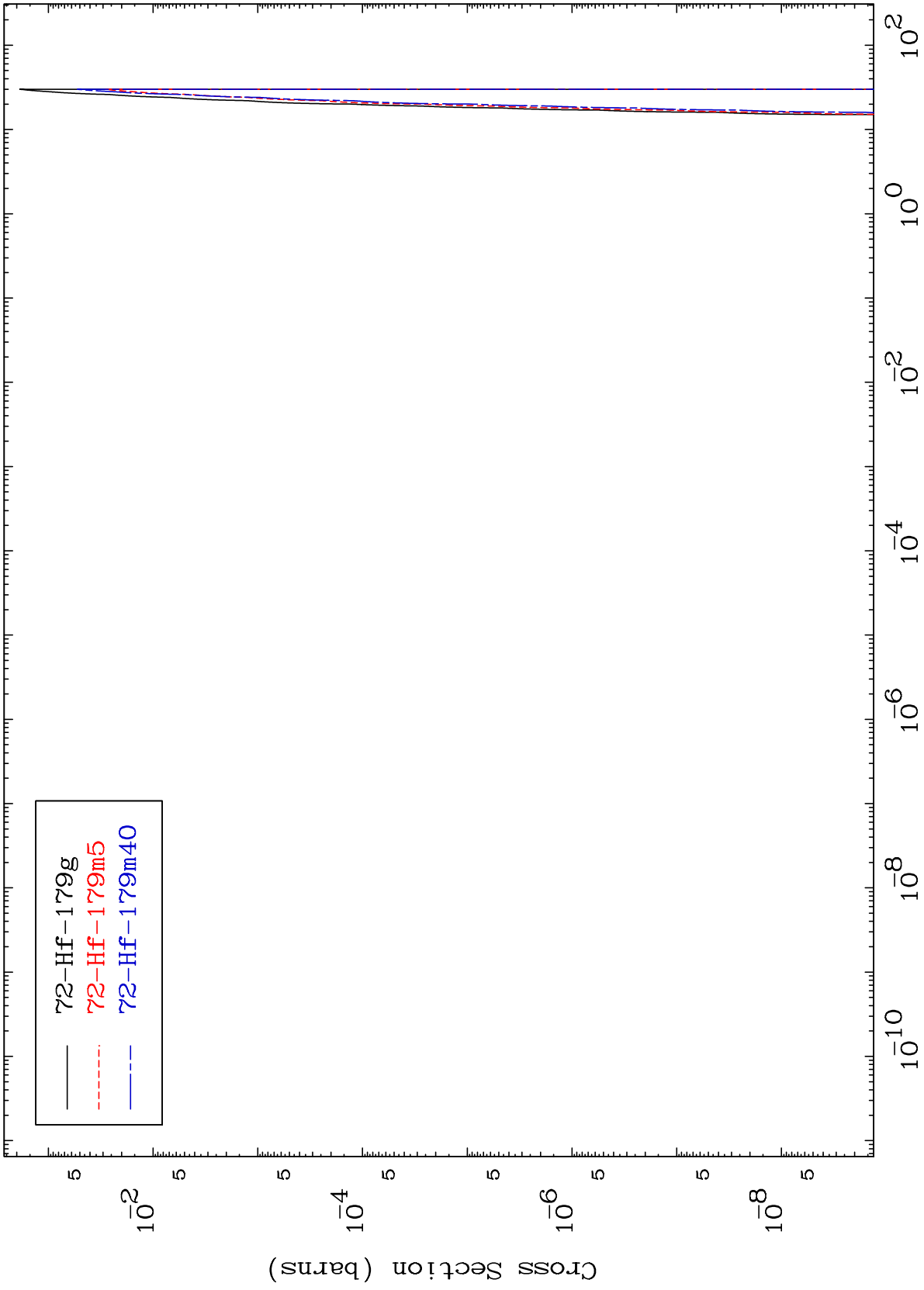
Incident Energy (MeV)

72-Hf-179

MAT 7242

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

<sup>72</sup>Hf-179

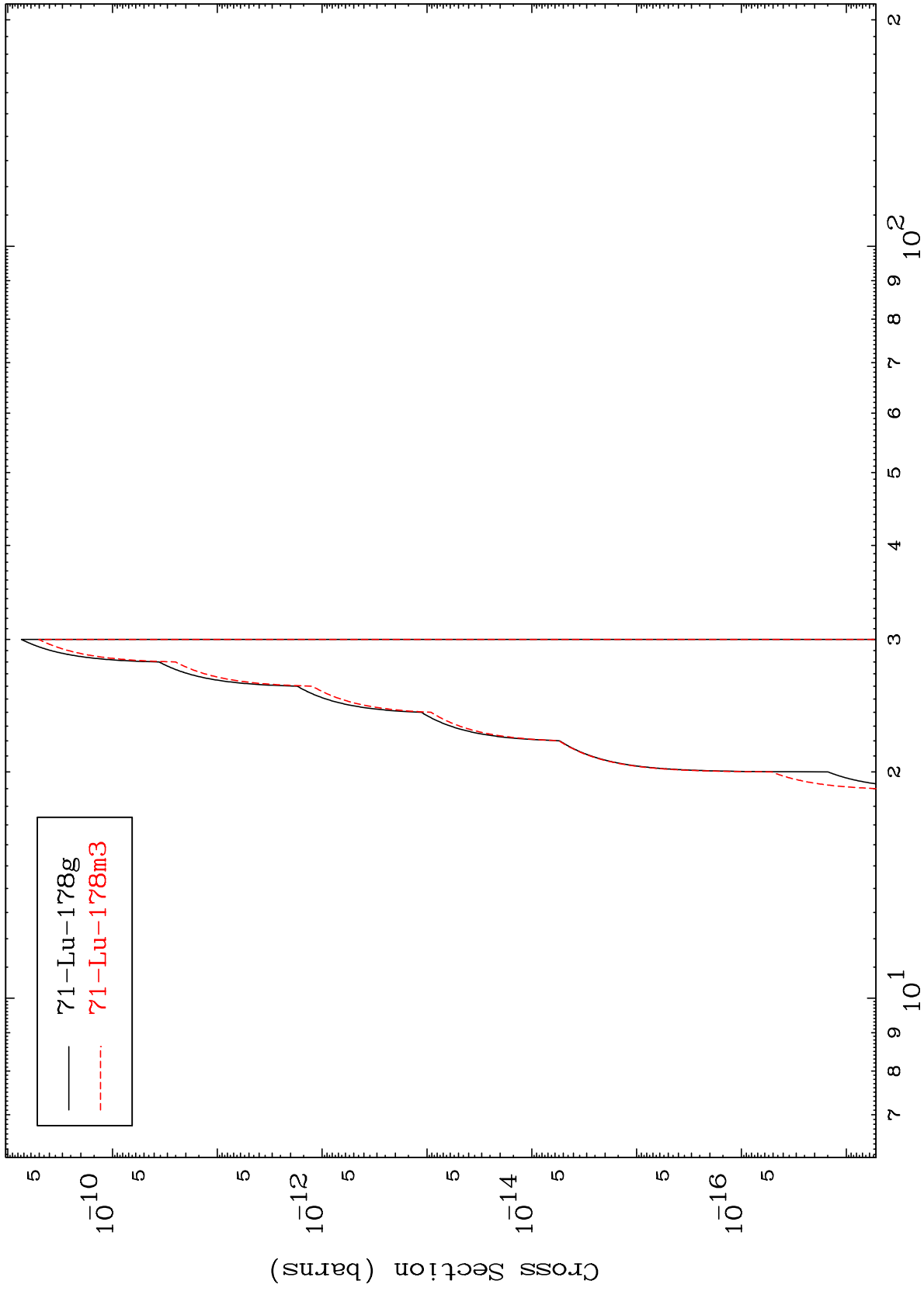


MAT 7242

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

72-Hf-179

Radionuclide Production Cross Section



71-Lu-178g  
71-Lu-178m3