

Program EVALPLOT  
(Version 2018-1)

by

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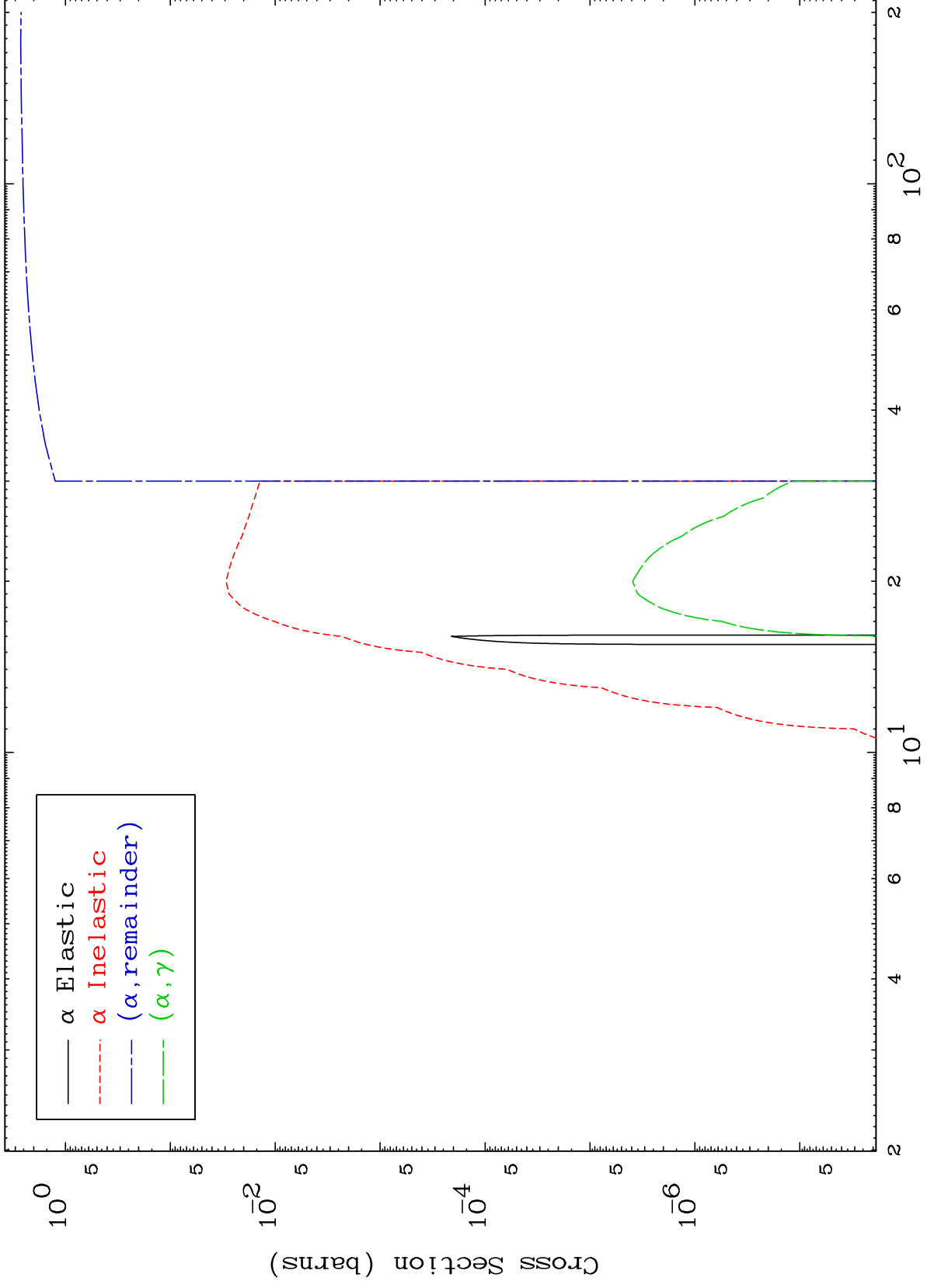
Press Mouse Button to Start

MAT 7331

0 Kelvin

$\alpha$  Major Cross Sections

73-Ta-182



1

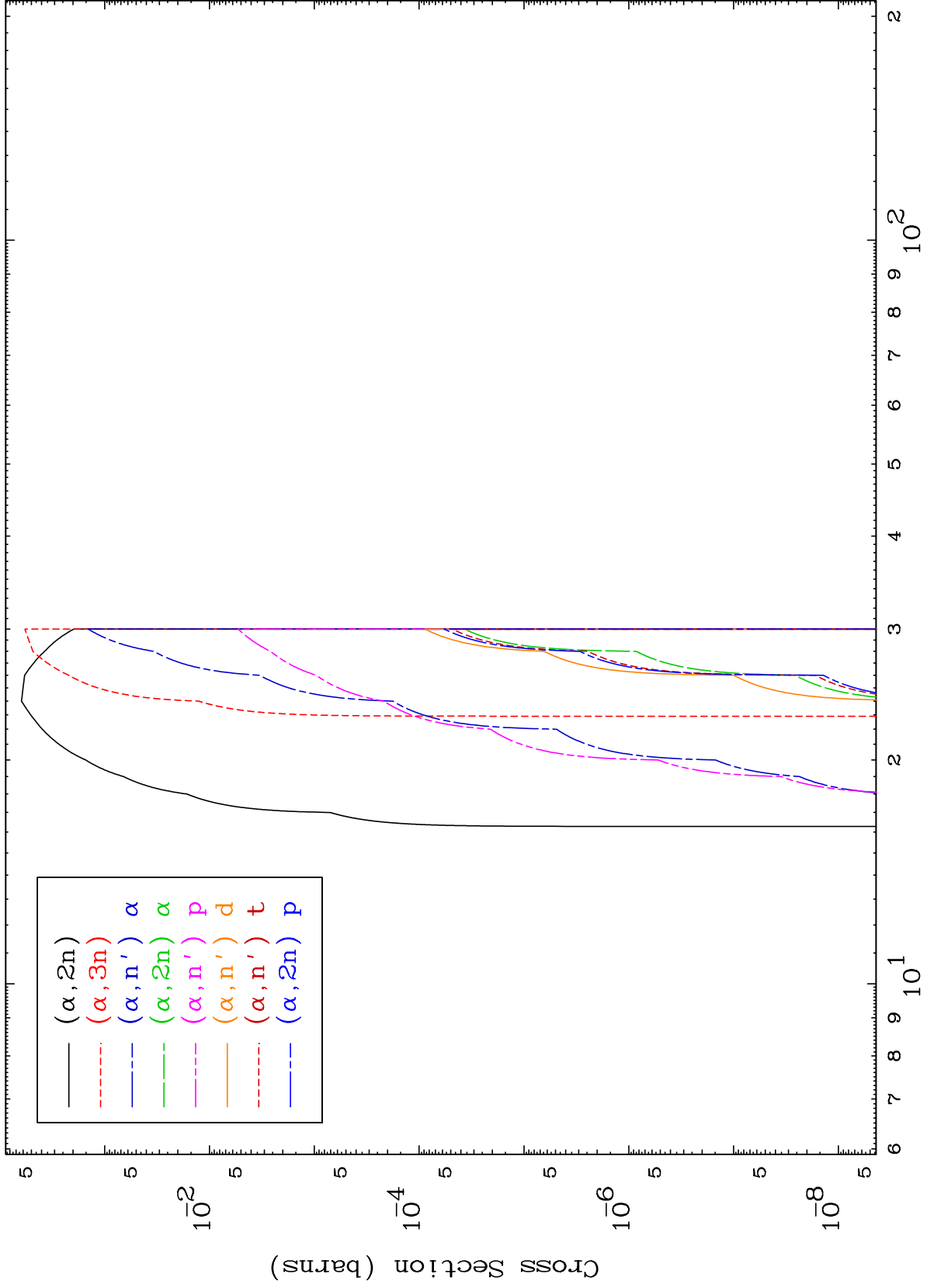
Incident Energy (MeV)

73-Ta-182

MAT 7331

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

73-Ta-182



2

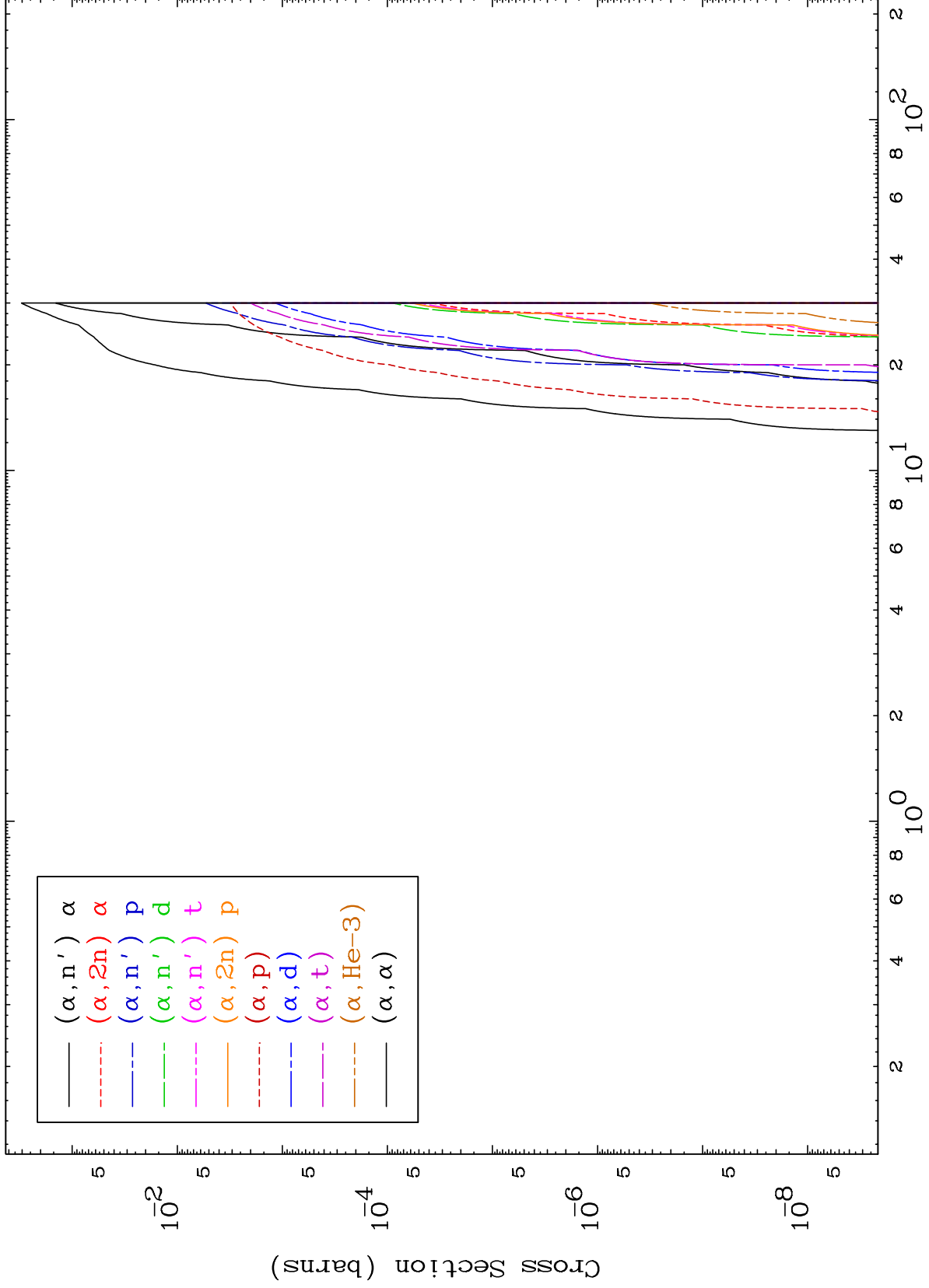
Incident Energy (MeV)

73-Ta-182

MAT 7331

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

<sup>73</sup>Ta-182

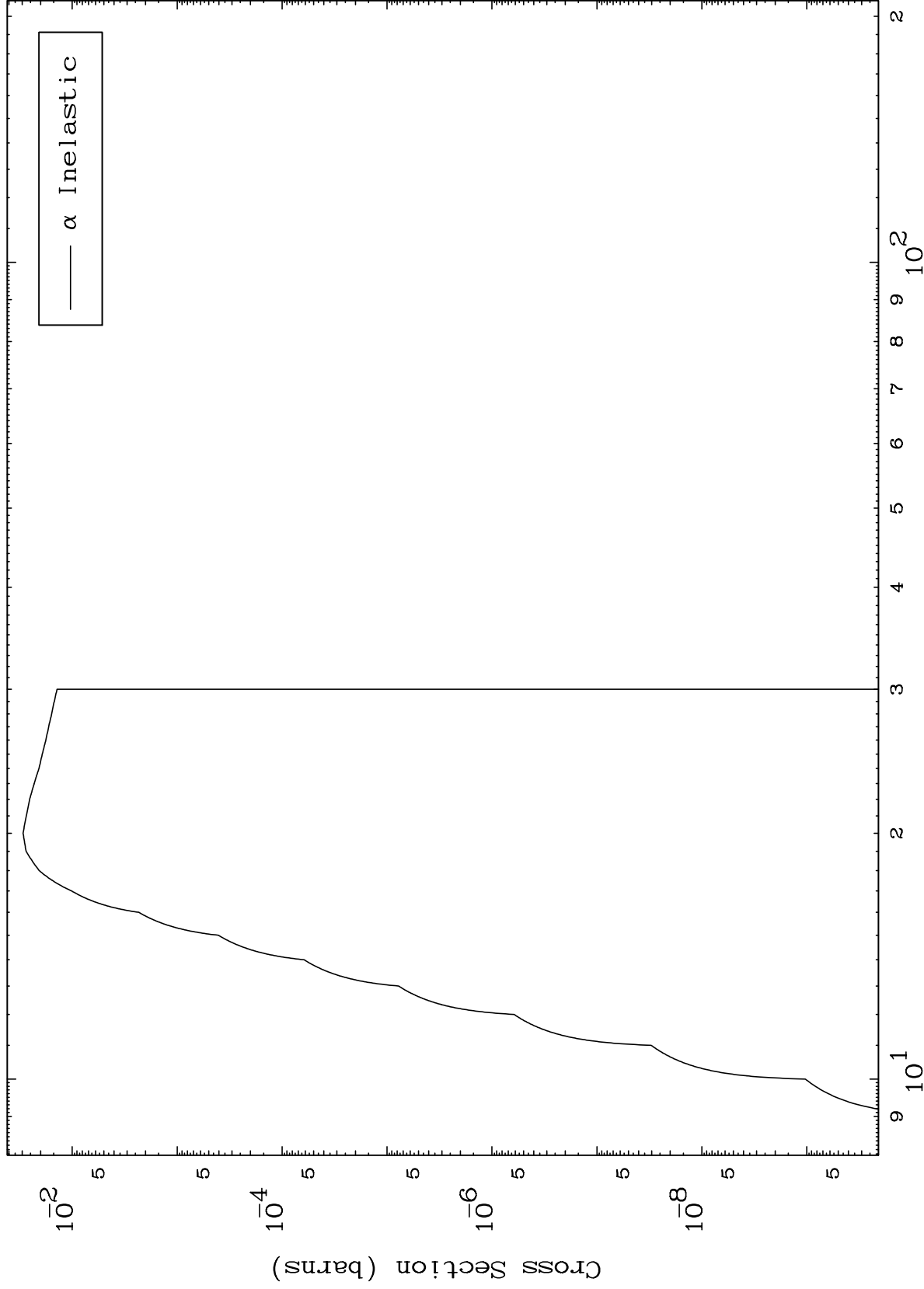


MAT 7331

( $\alpha, n'$ ) Level

73-Ta-182

0 Kelvin Cross Sections



4

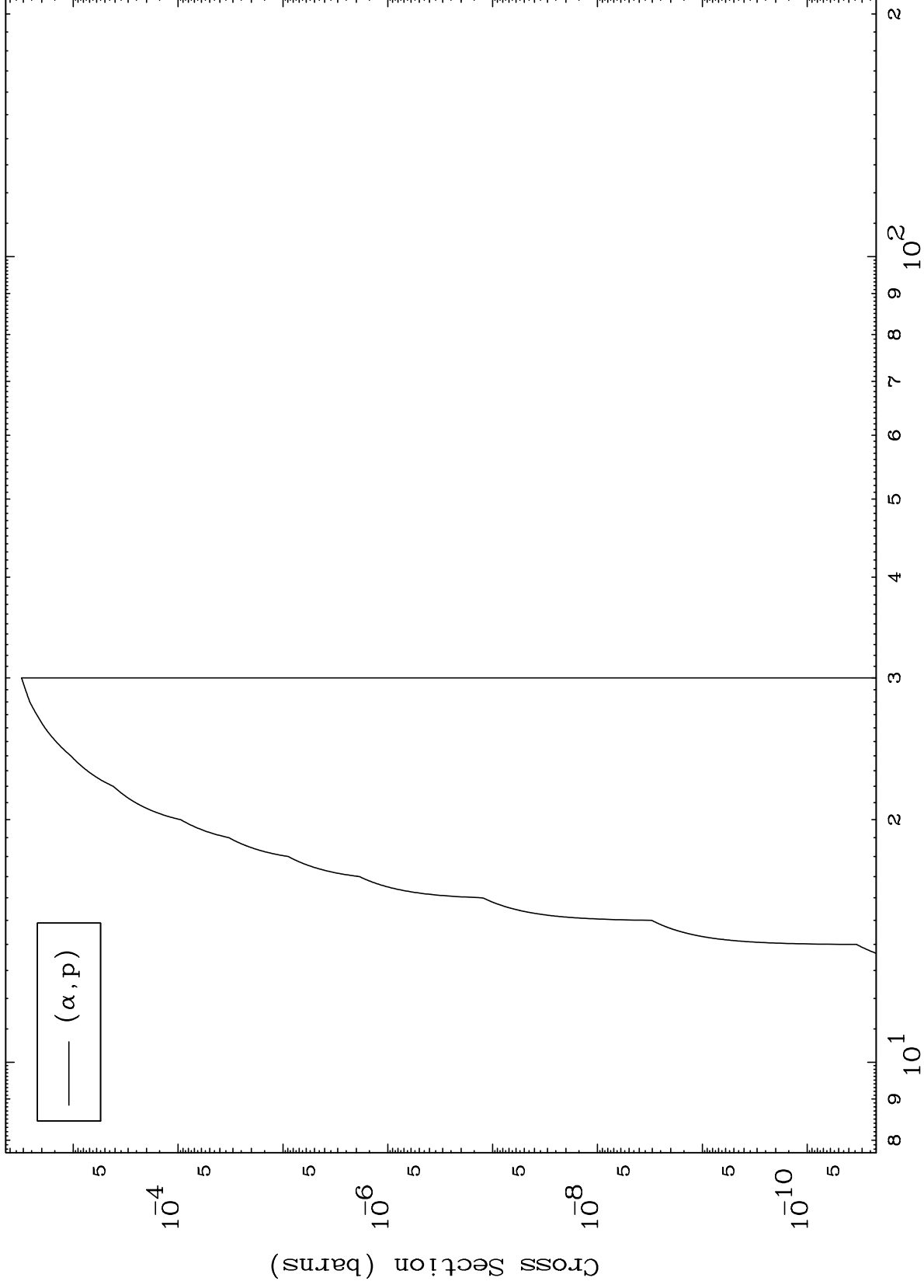
Incident Energy (MeV)

73-Ta-182

MAT 7331

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

73-Ta-182



5

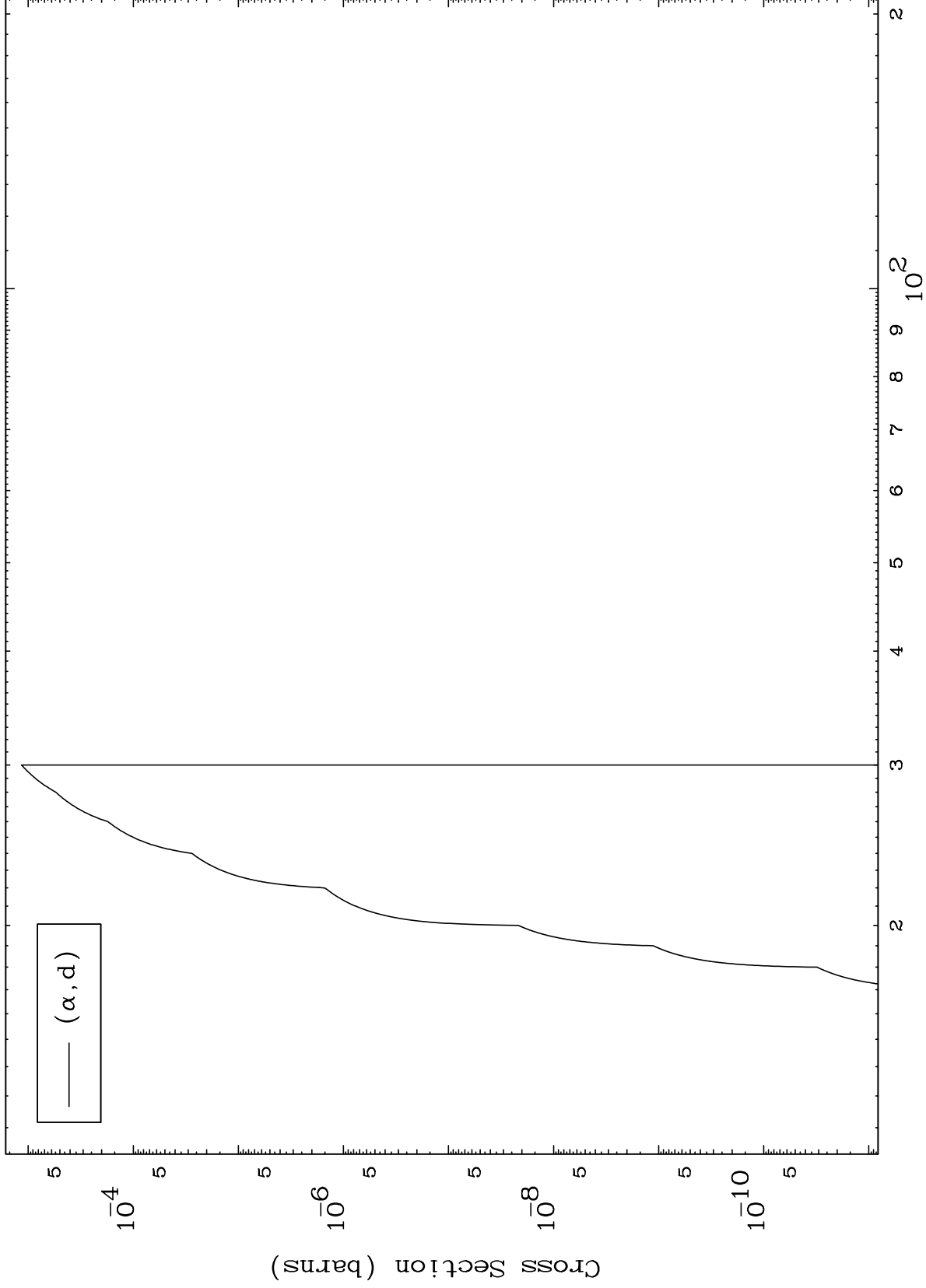
Incident Energy (MeV)

73-Ta-182

MAT 7331

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

73-Ta-182



6

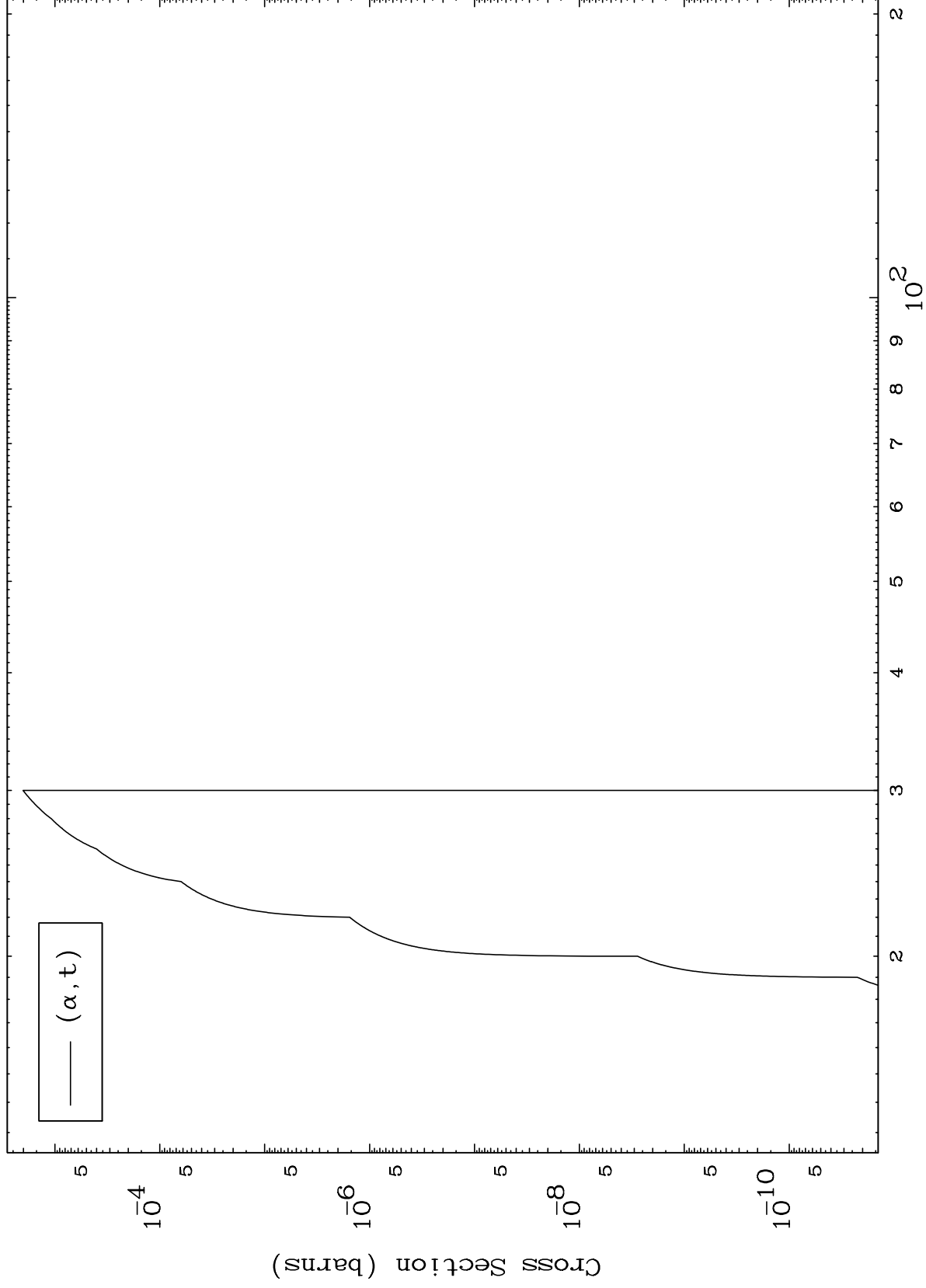
Incident Energy (MeV)

73-Ta-182

MAT 7331

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

73-Ta-182

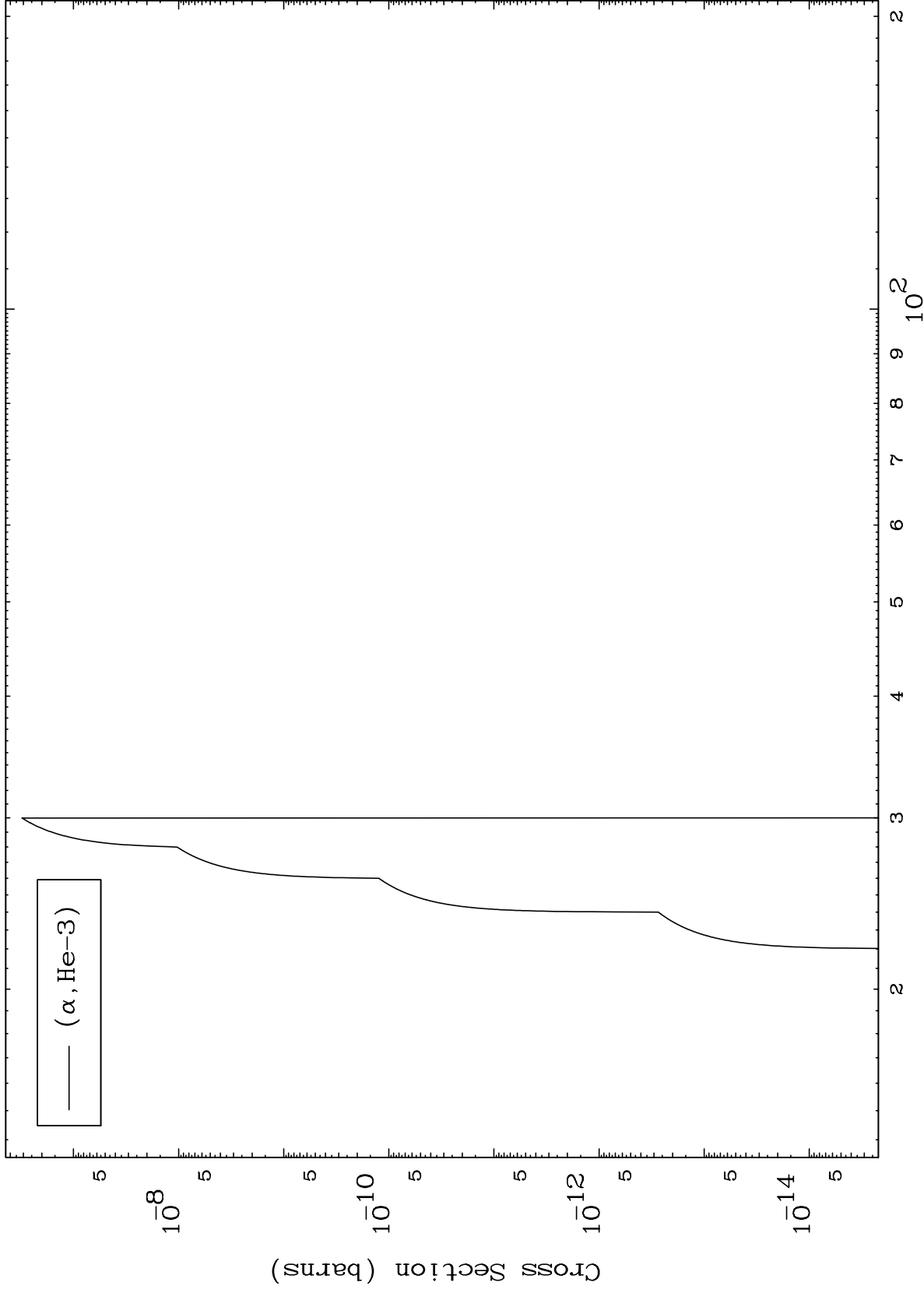


7

Incident Energy (MeV)

73-Ta-182



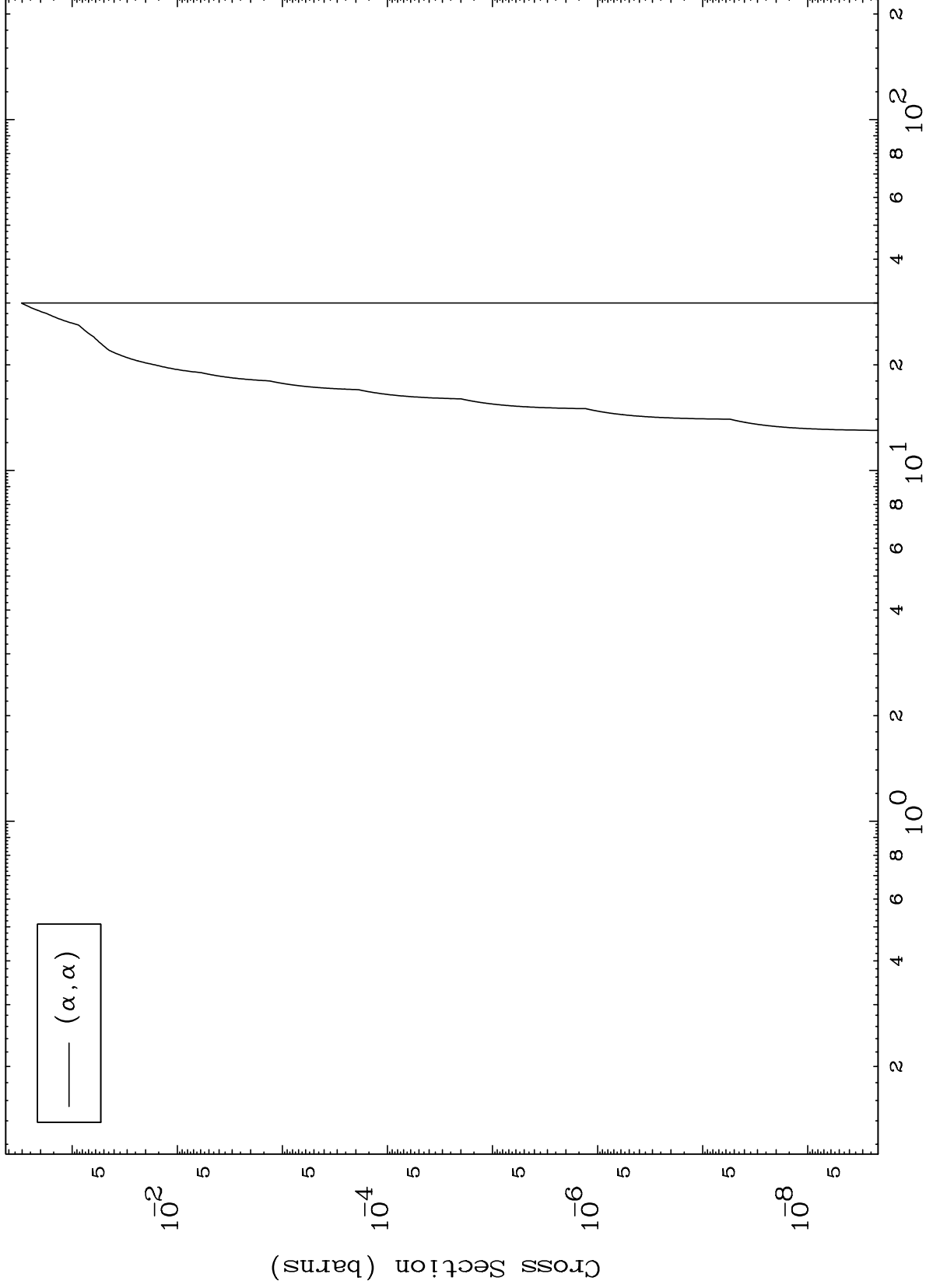


MAT 7331

( $\alpha, \alpha$ ) Levels

73-Ta-182

0 Kelvin Cross Sections

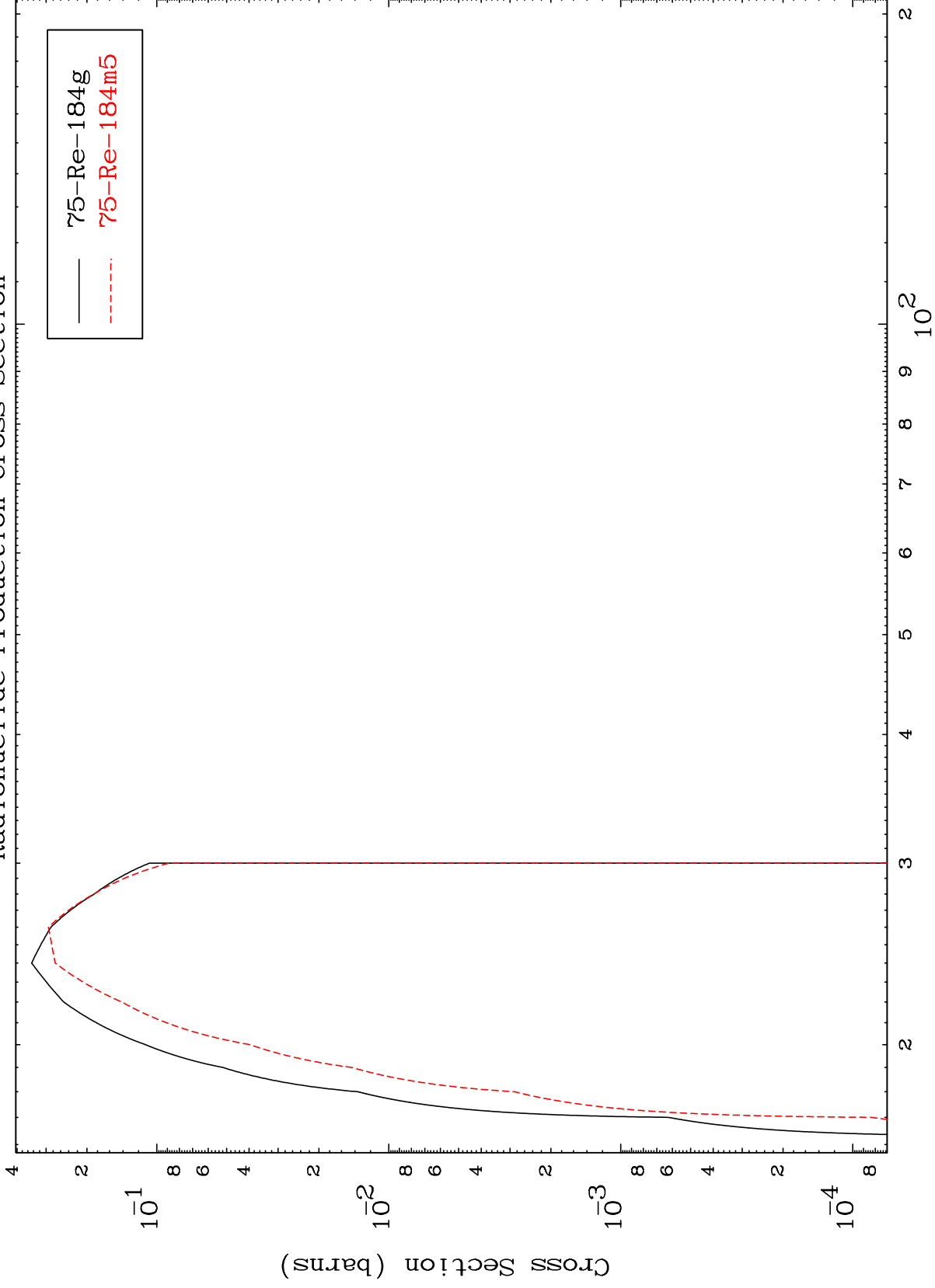


MAT 7331

( $\alpha, 2n$ )

<sup>73</sup>Ta-182

Radionuclide Production Cross Section



10

Incident Energy (MeV)

10<sup>2</sup>

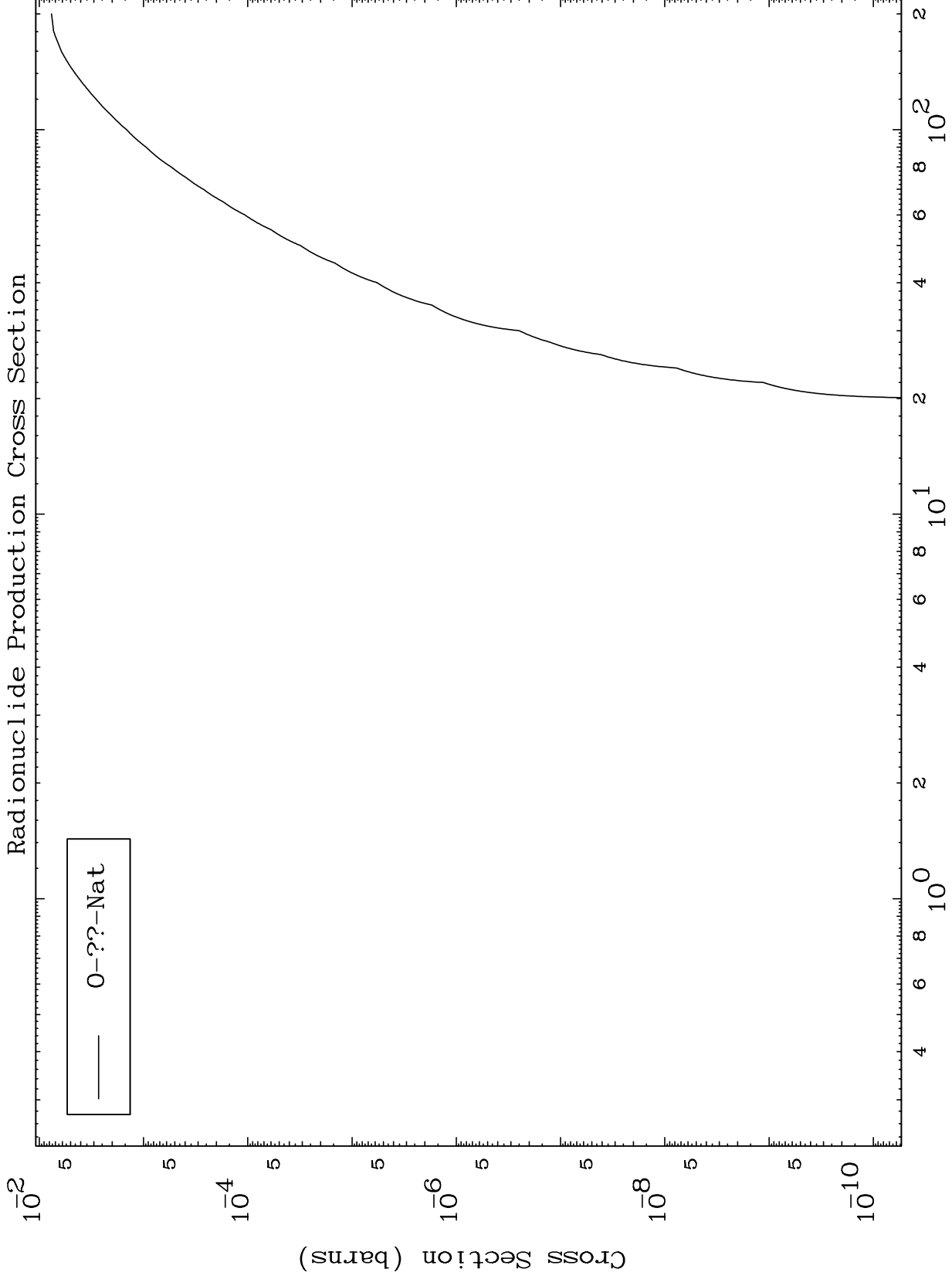
<sup>73</sup>Ta-182

MAT 7331

$\alpha$  Fission

73-Ta-182

Radionuclide Production Cross Section



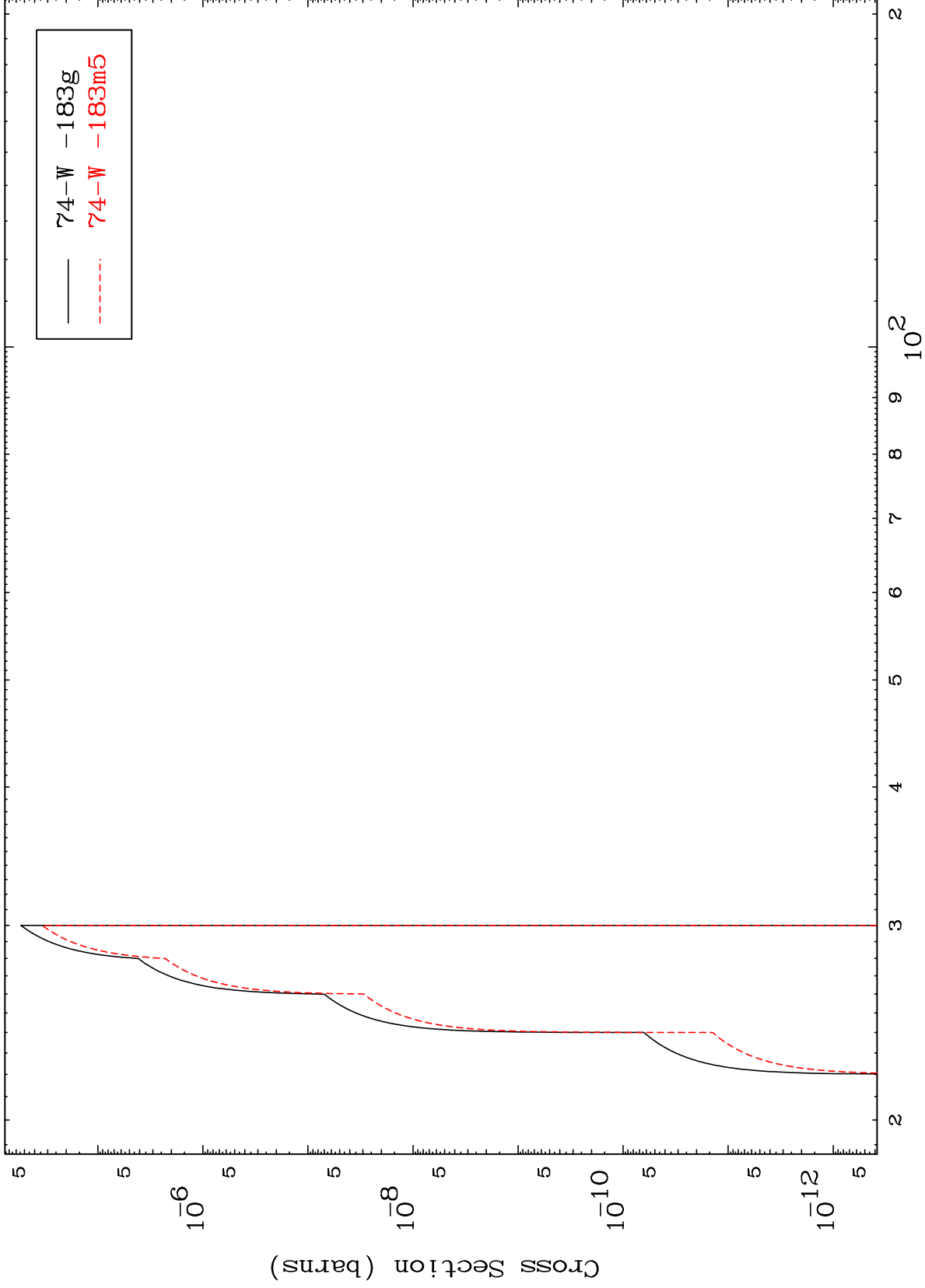


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$(\alpha, n')$  d

$^{73}\text{Ta-182}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

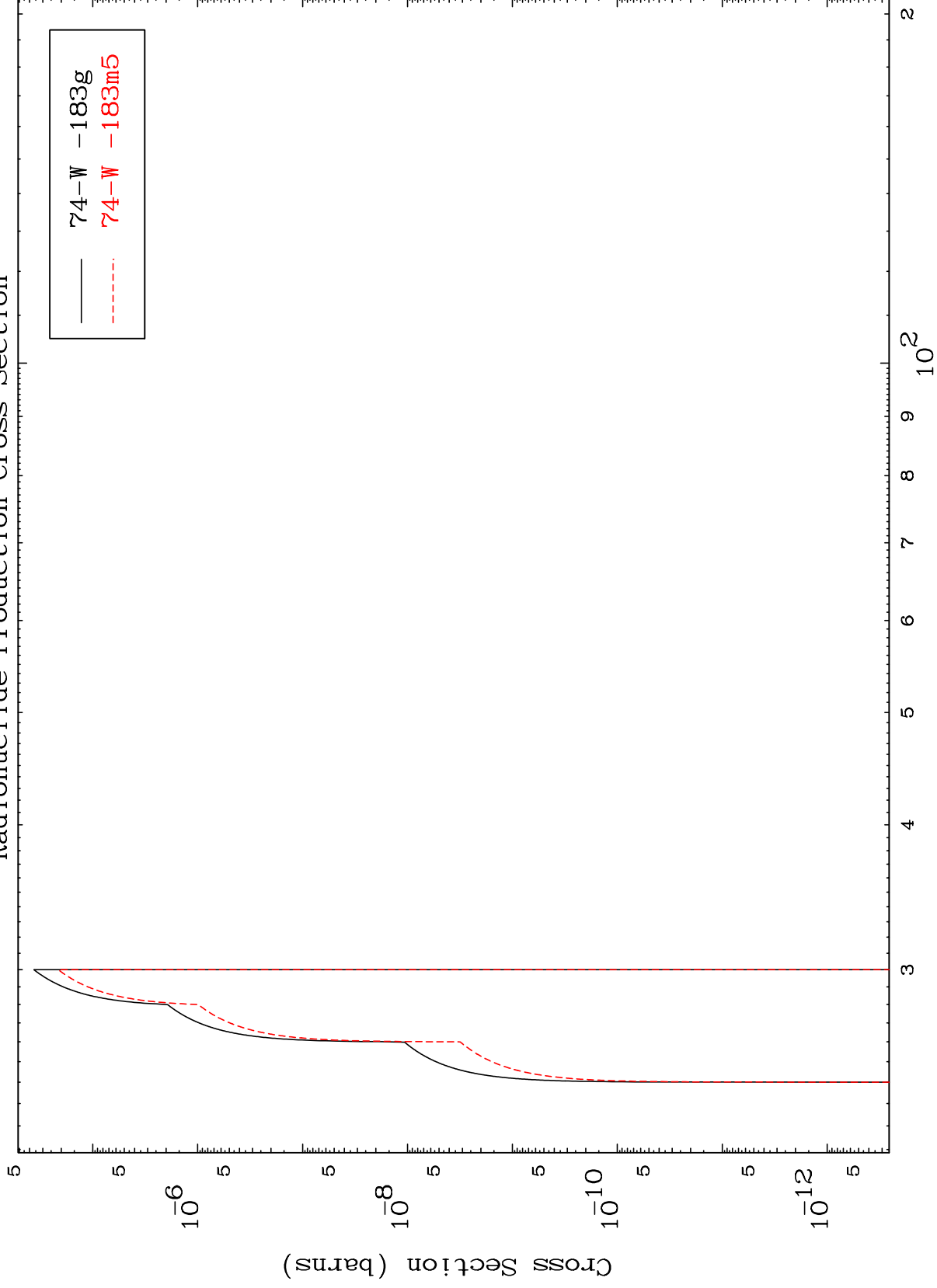
$^{73}\text{Ta-182}$

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$(\alpha, 2n)$  p

$^{73}\text{Ta-182}$

Radionuclide Production Cross Section



14

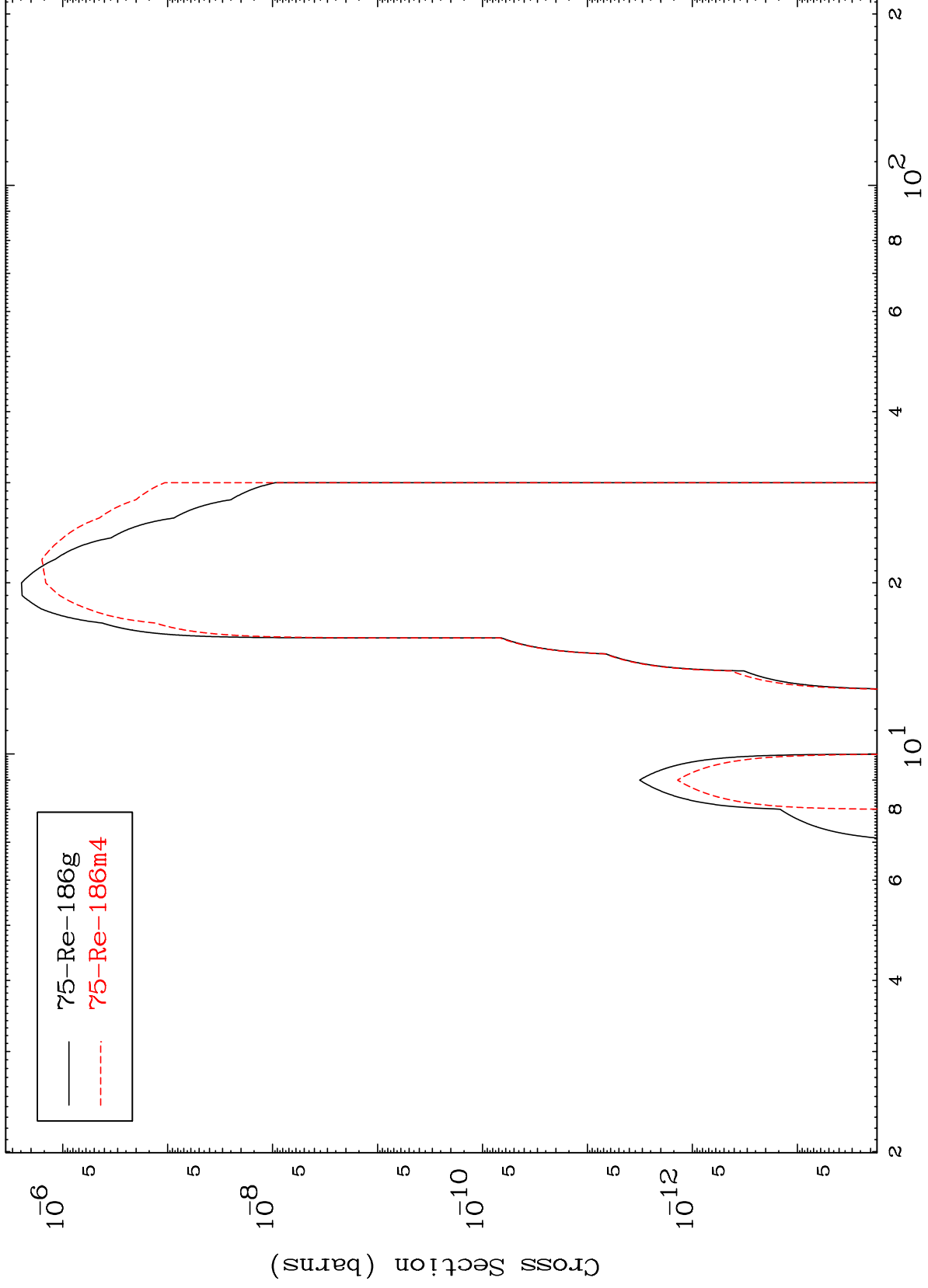
Incident Energy (MeV)

$^{73}\text{Ta-182}$

MAT 7331

73-Ta-182

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



15

Incident Energy (MeV)

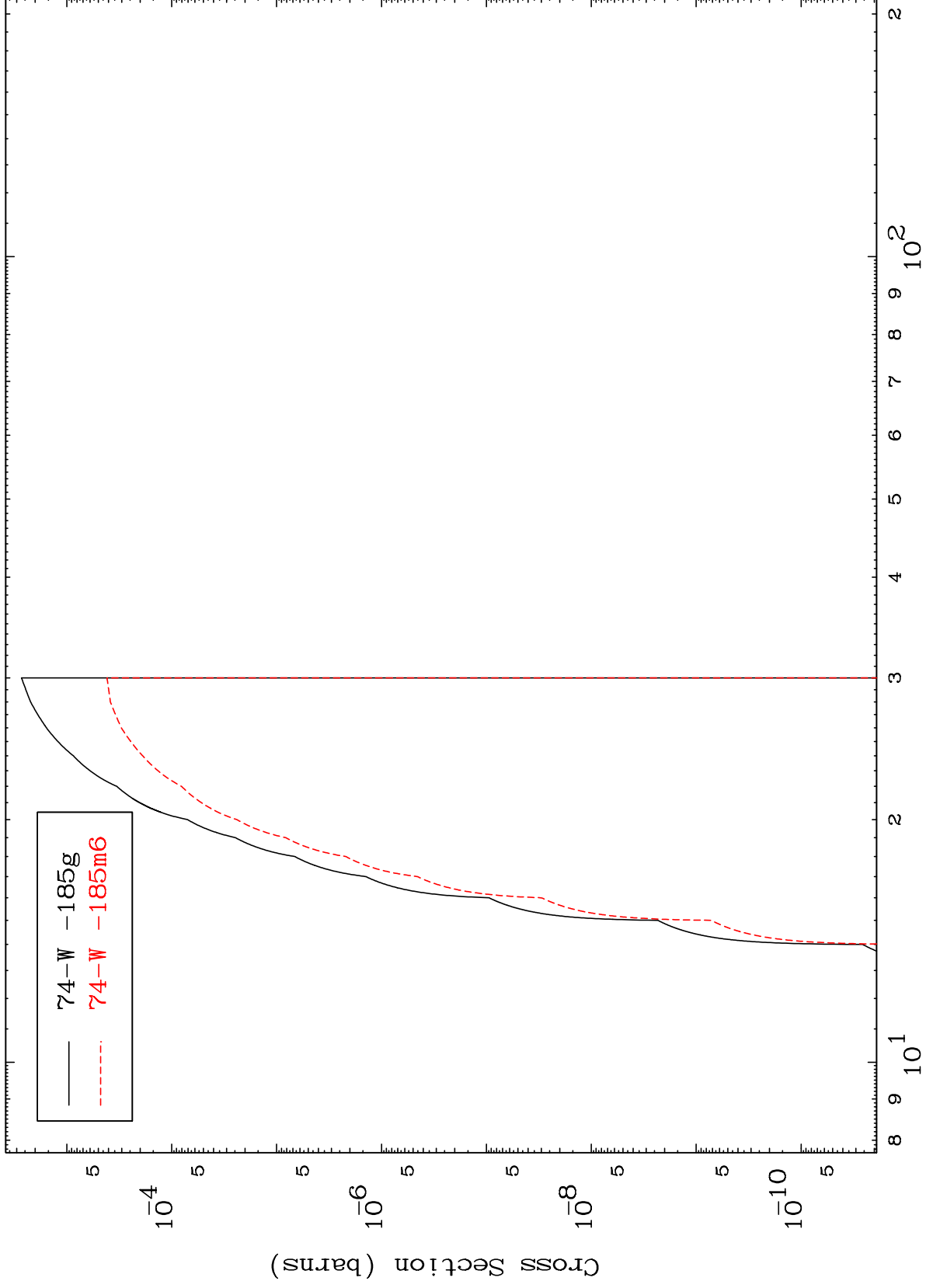
73-Ta-182



MAT 7331

73-Ta-182

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



16

Incident Energy (MeV)

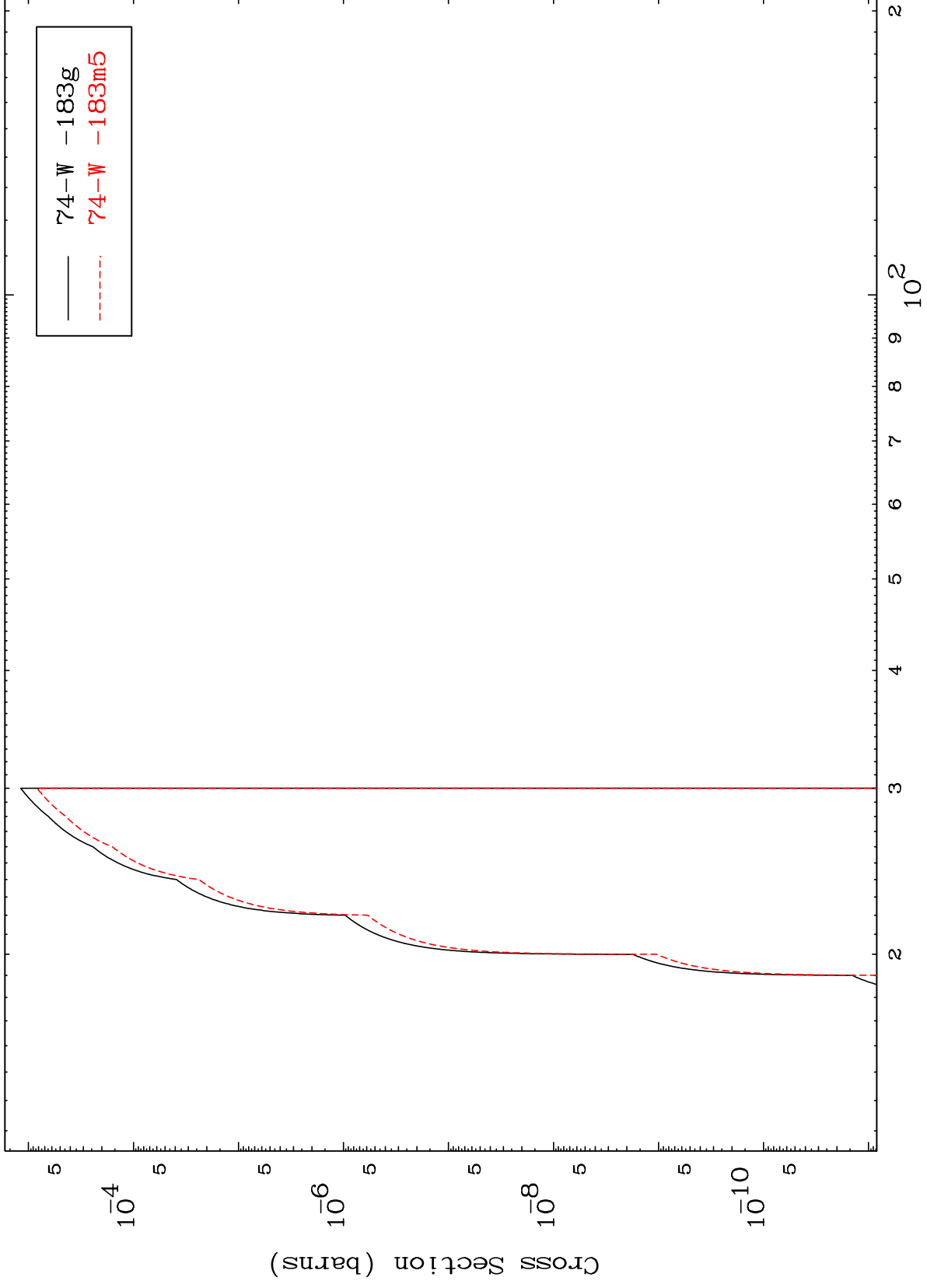
73-Ta-182

MAT 7331

( $\alpha, t$ )

<sup>73</sup>Ta-182

Radionuclide Production Cross Section



17

Incident Energy (MeV)

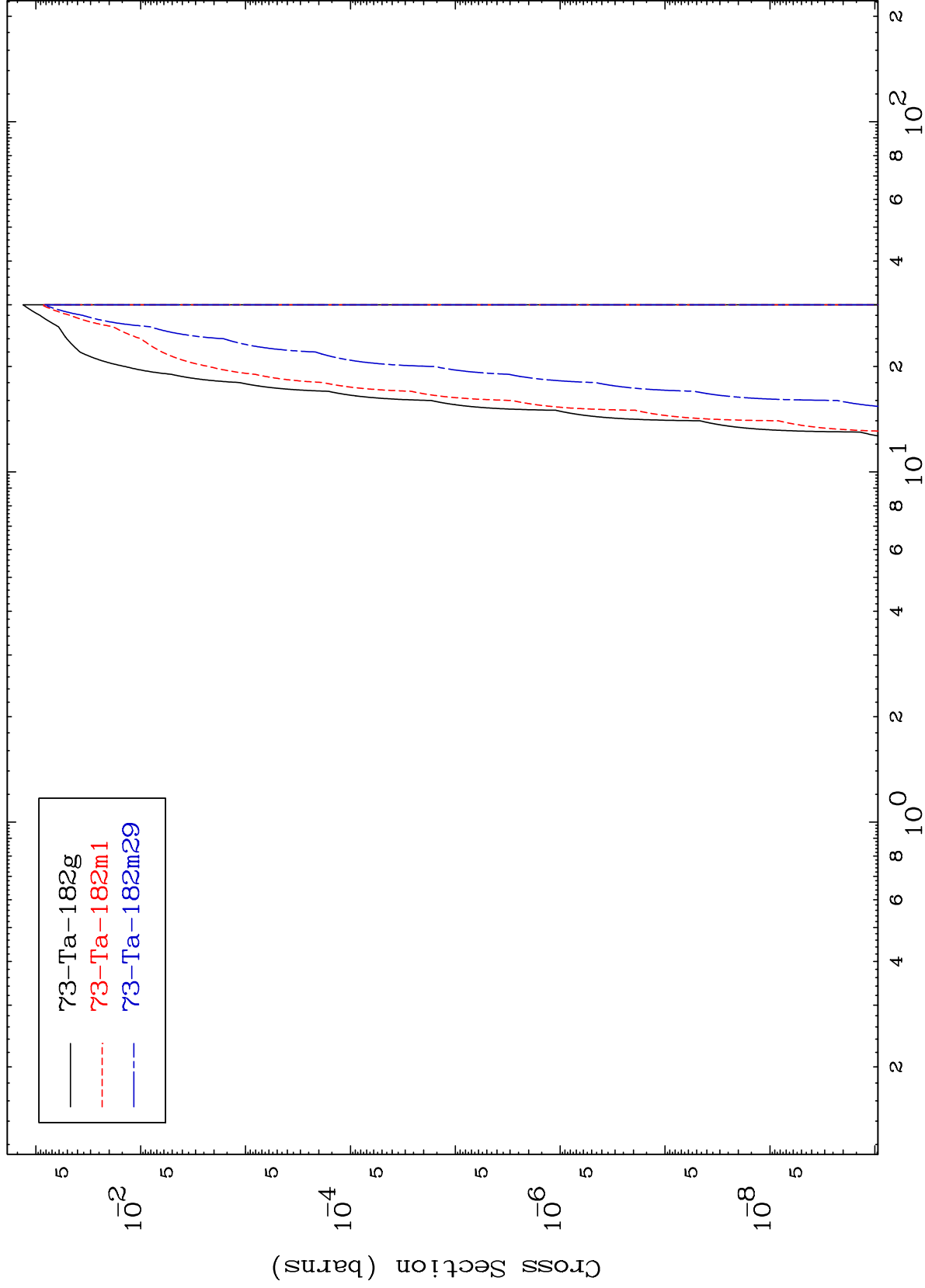
<sup>73</sup>Ta-182

MAT 7331

( $\alpha, \alpha$ )

$^{73}\text{Ta-182}$

Radionuclide Production Cross Section



18

Incident Energy (MeV)

$^{73}\text{Ta-182}$