

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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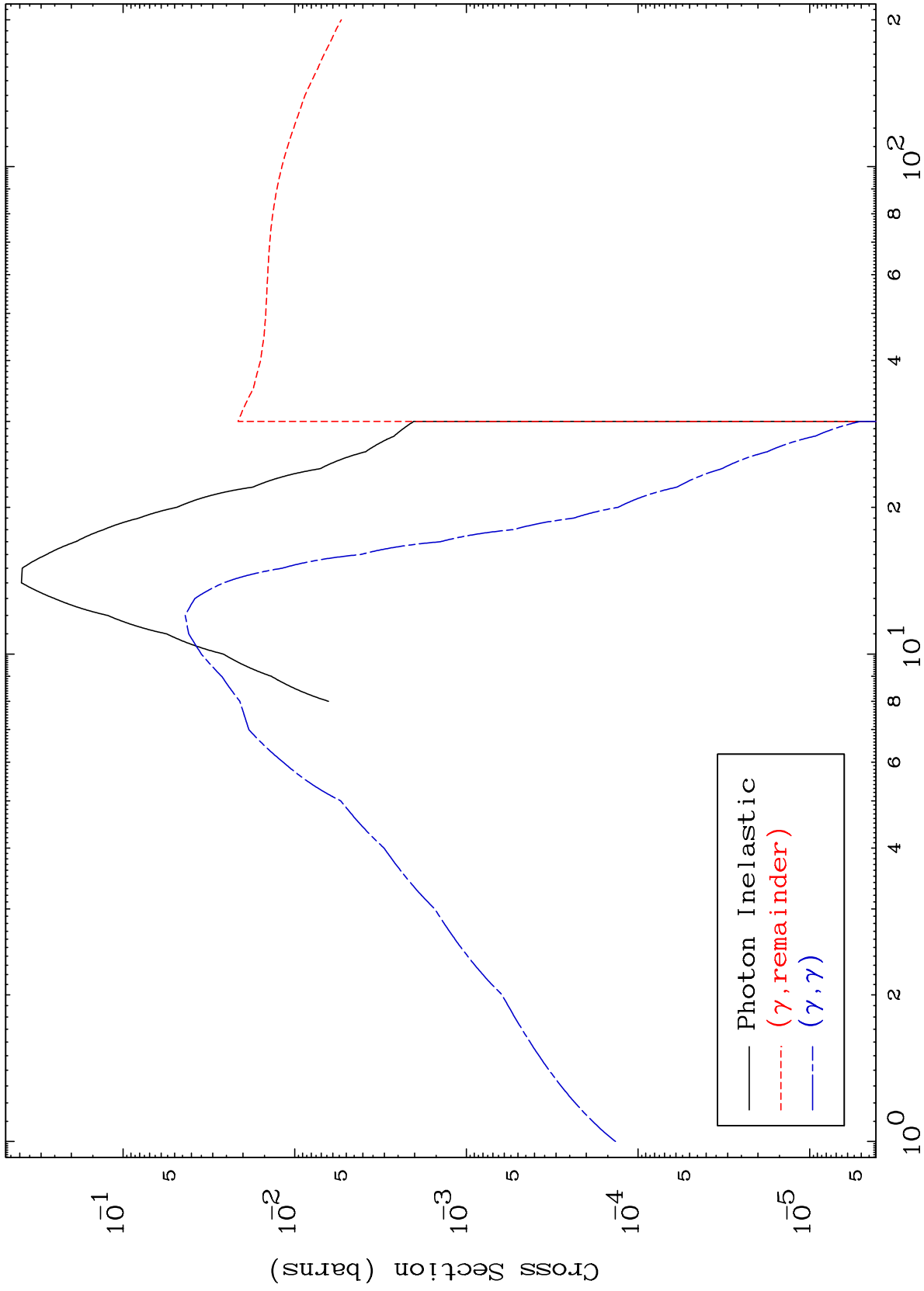
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7301

Photon Major  
0 Kelvin Cross Sections

73-Ta-172

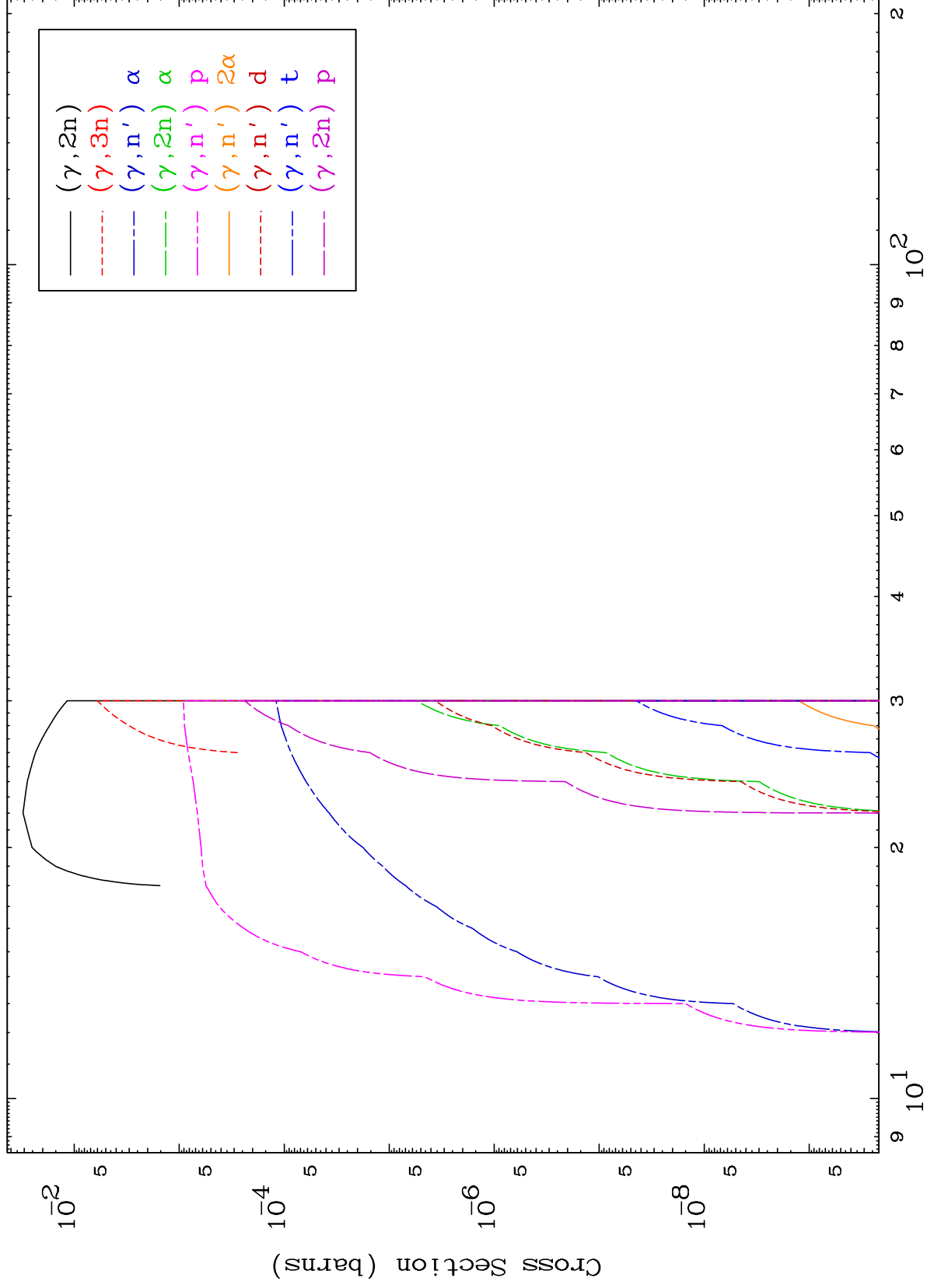


73-Ta-172

MAT 7301

Photon Neutron Production  
0 Kelvin Cross Sections

73-Ta-172



2

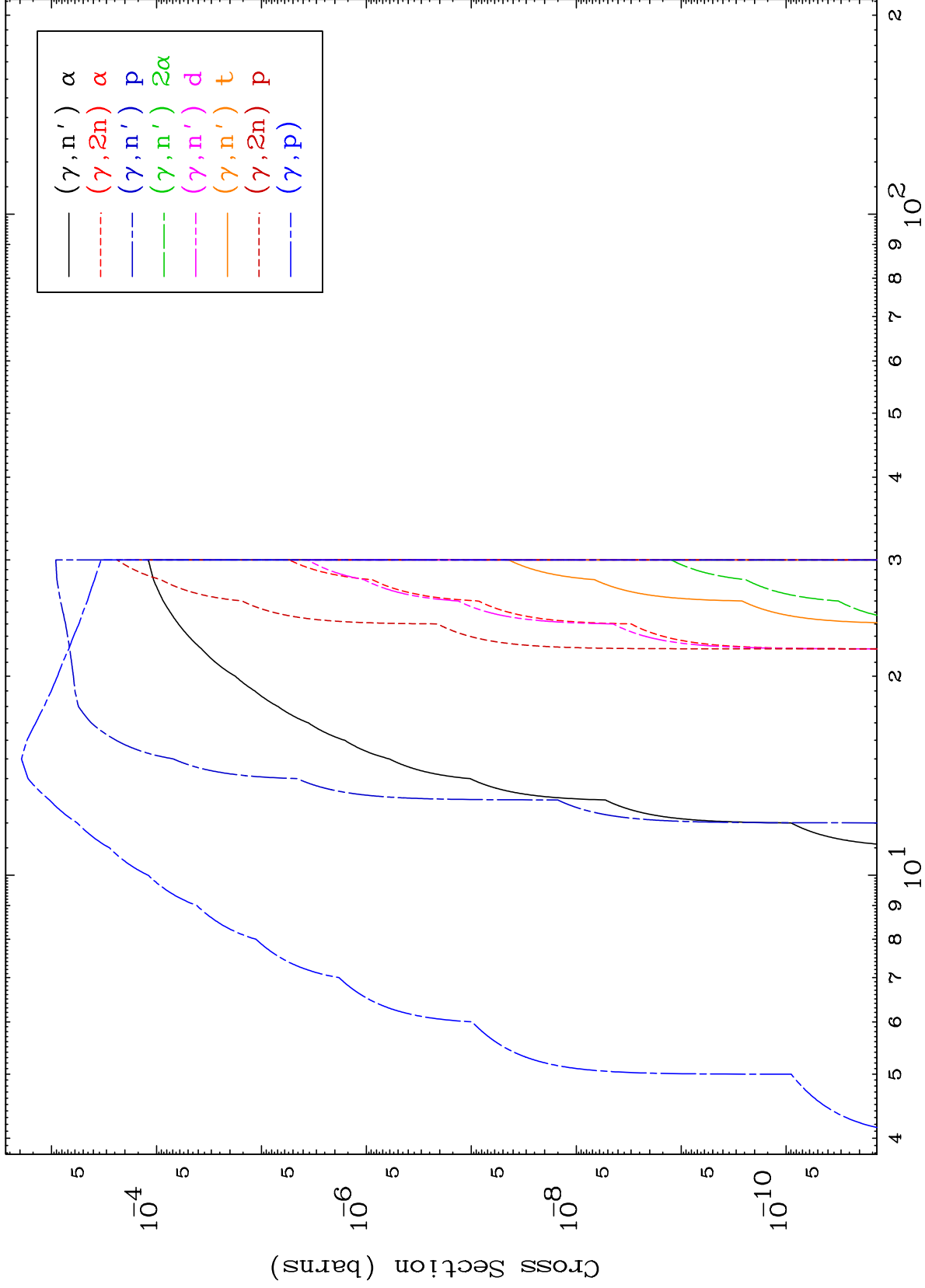
Incident Energy (MeV)

73-Ta-172

MAT 7301

Photon Charged Particle  
0 Kelvin Cross Sections

73-Ta-172



3

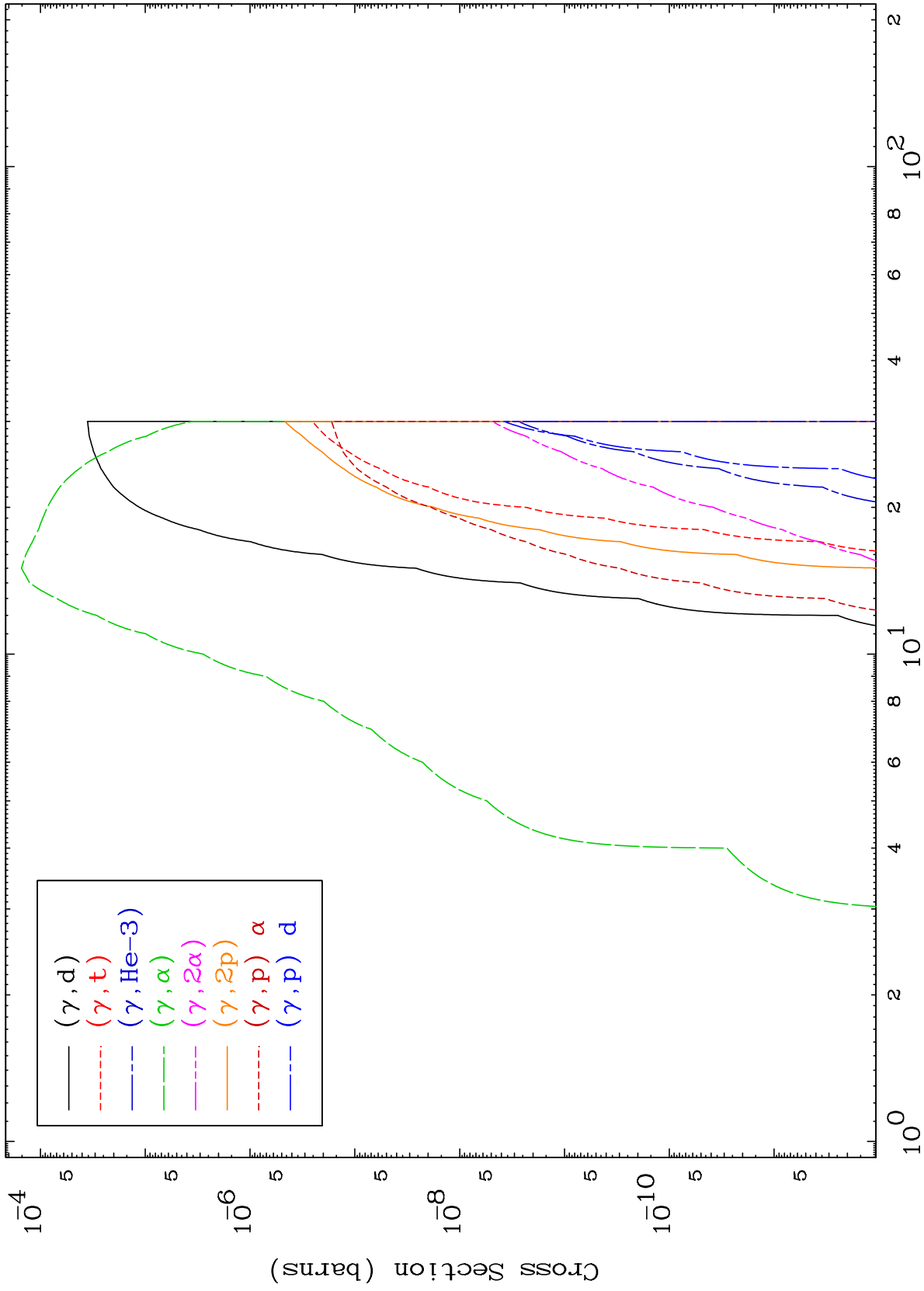
Incident Energy (MeV)

73-Ta-172

MAT 7301

Photon Charged Particle  
0 Kelvin Cross Sections

73-Ta-172



73-Ta-172

Incident Energy (MeV)

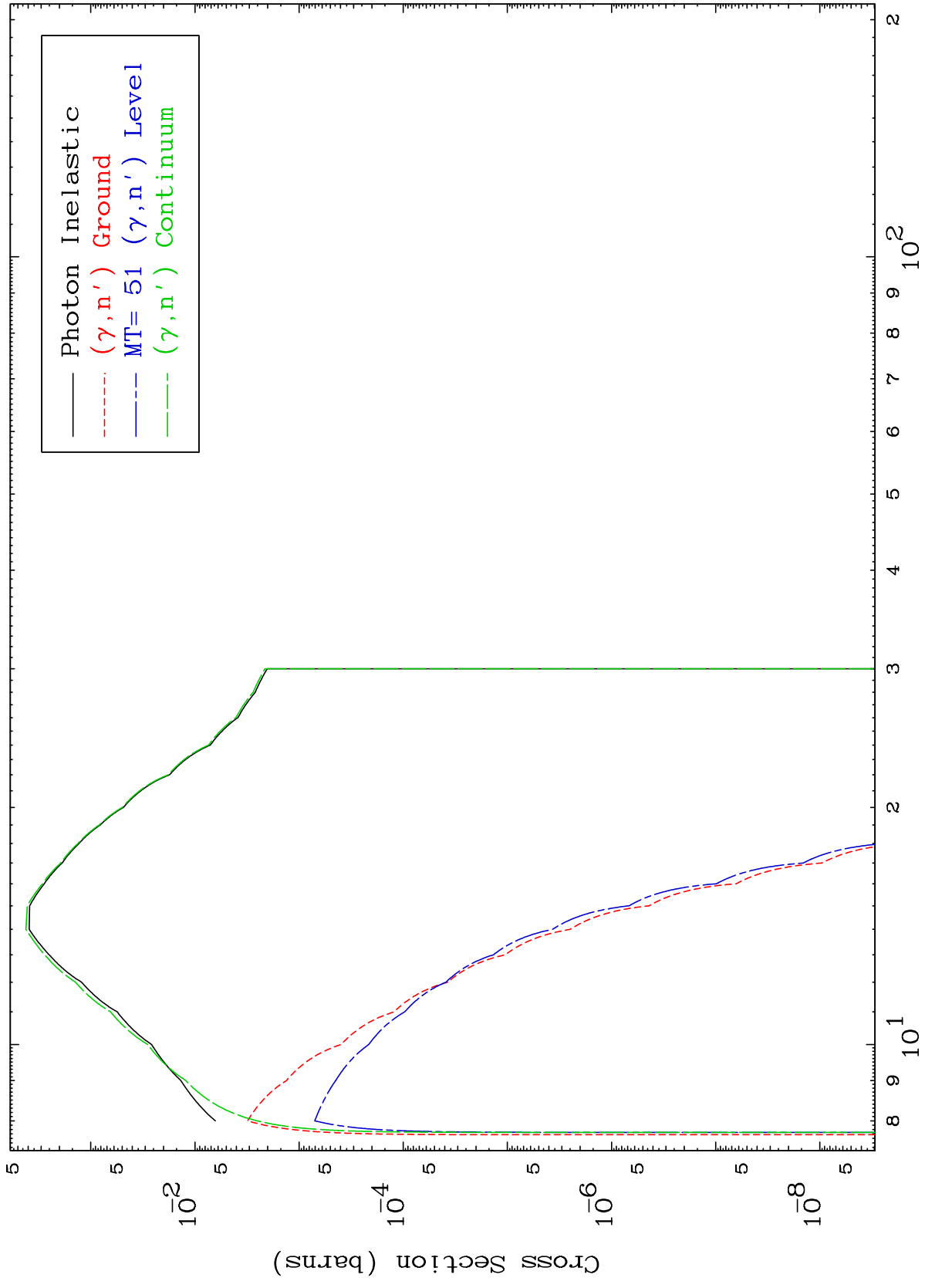
4

MAT 7301

$(\gamma, n')$  Level

$^{73}\text{Ta-172}$

0 Kelvin Cross Sections



5

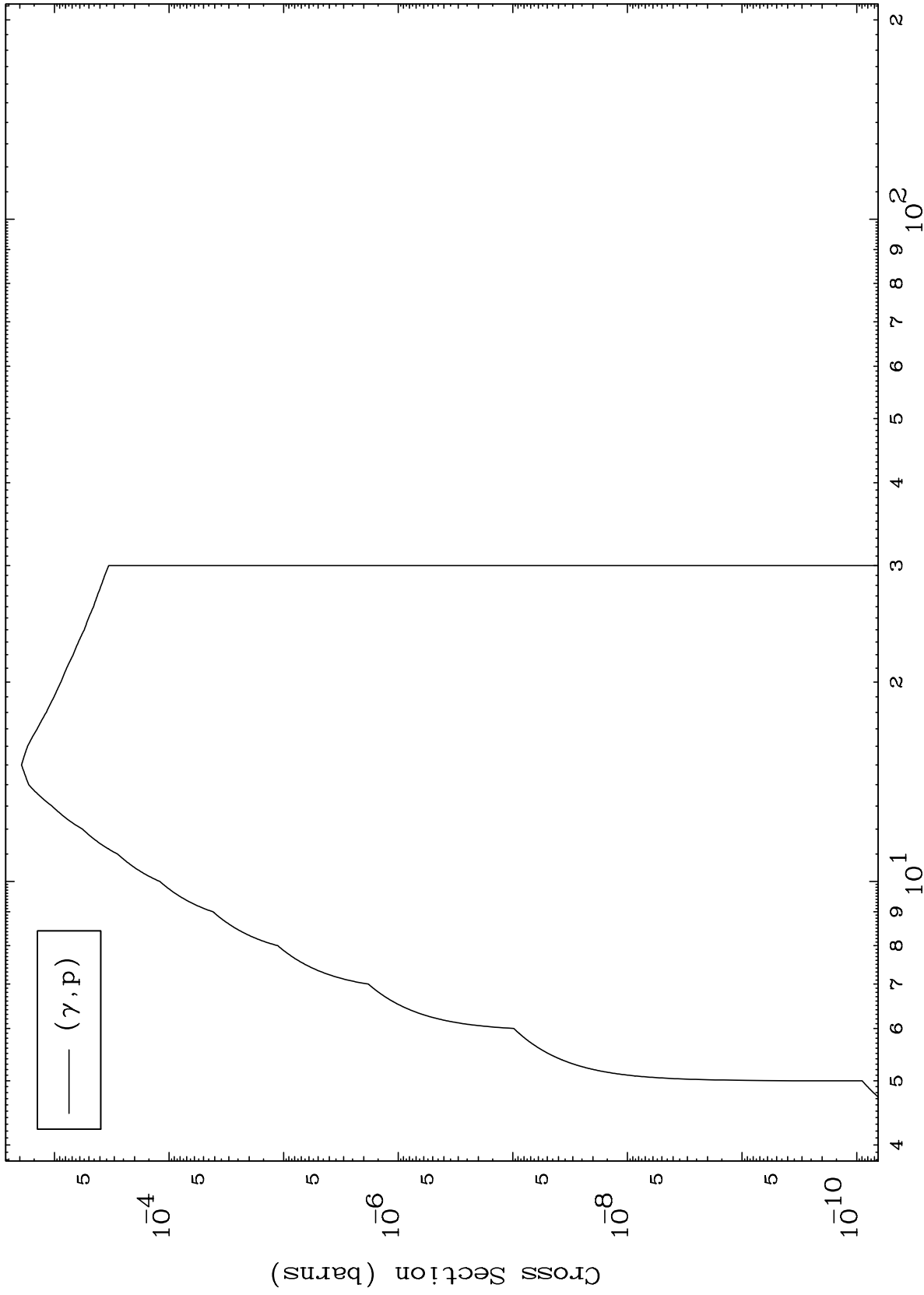
Incident Energy (MeV)

$^{73}\text{Ta-172}$

MAT 7301

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

73-Ta-172



6

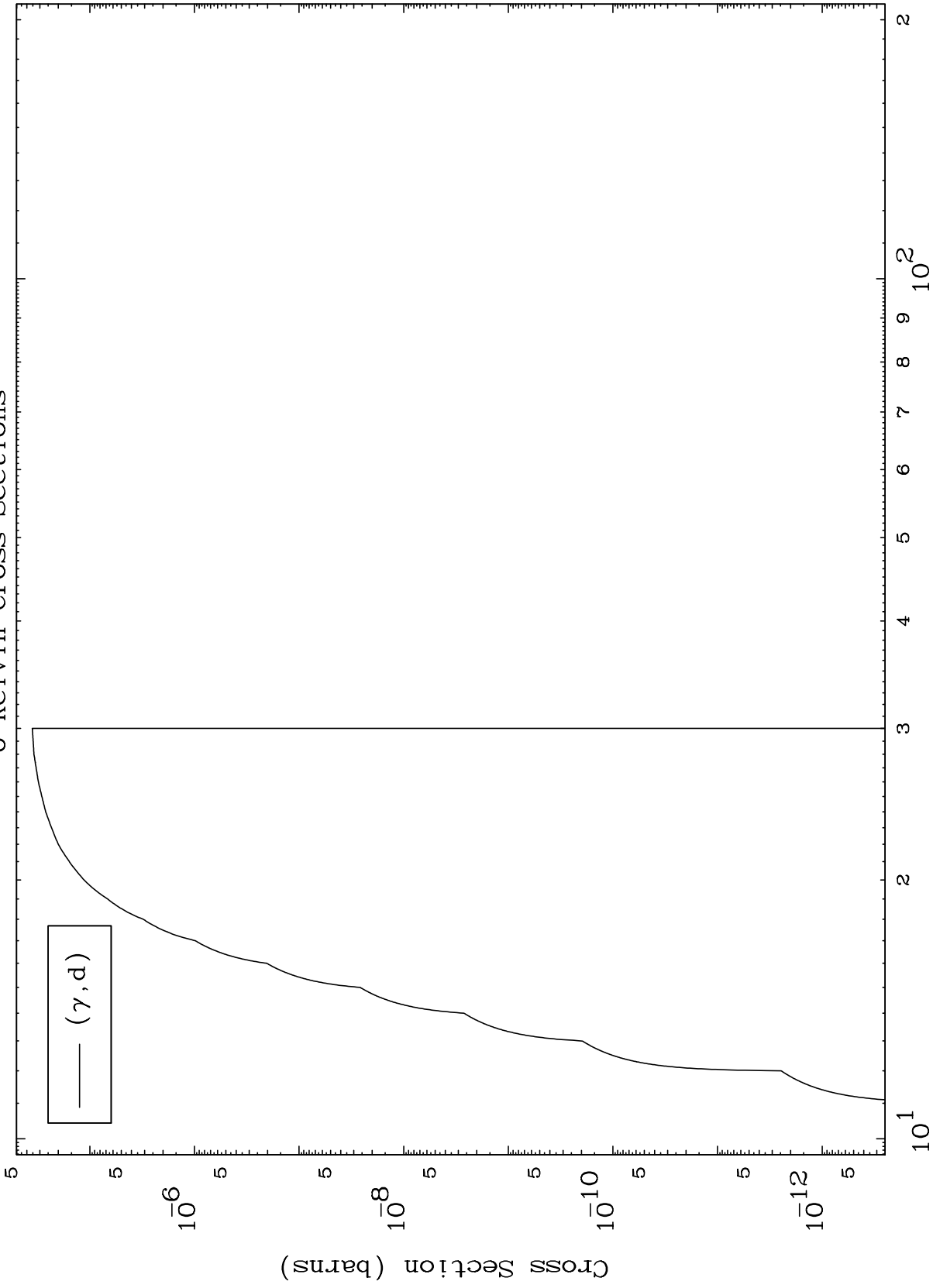
Incident Energy (MeV)

73-Ta-172

MAT 7301

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

73-Ta-172

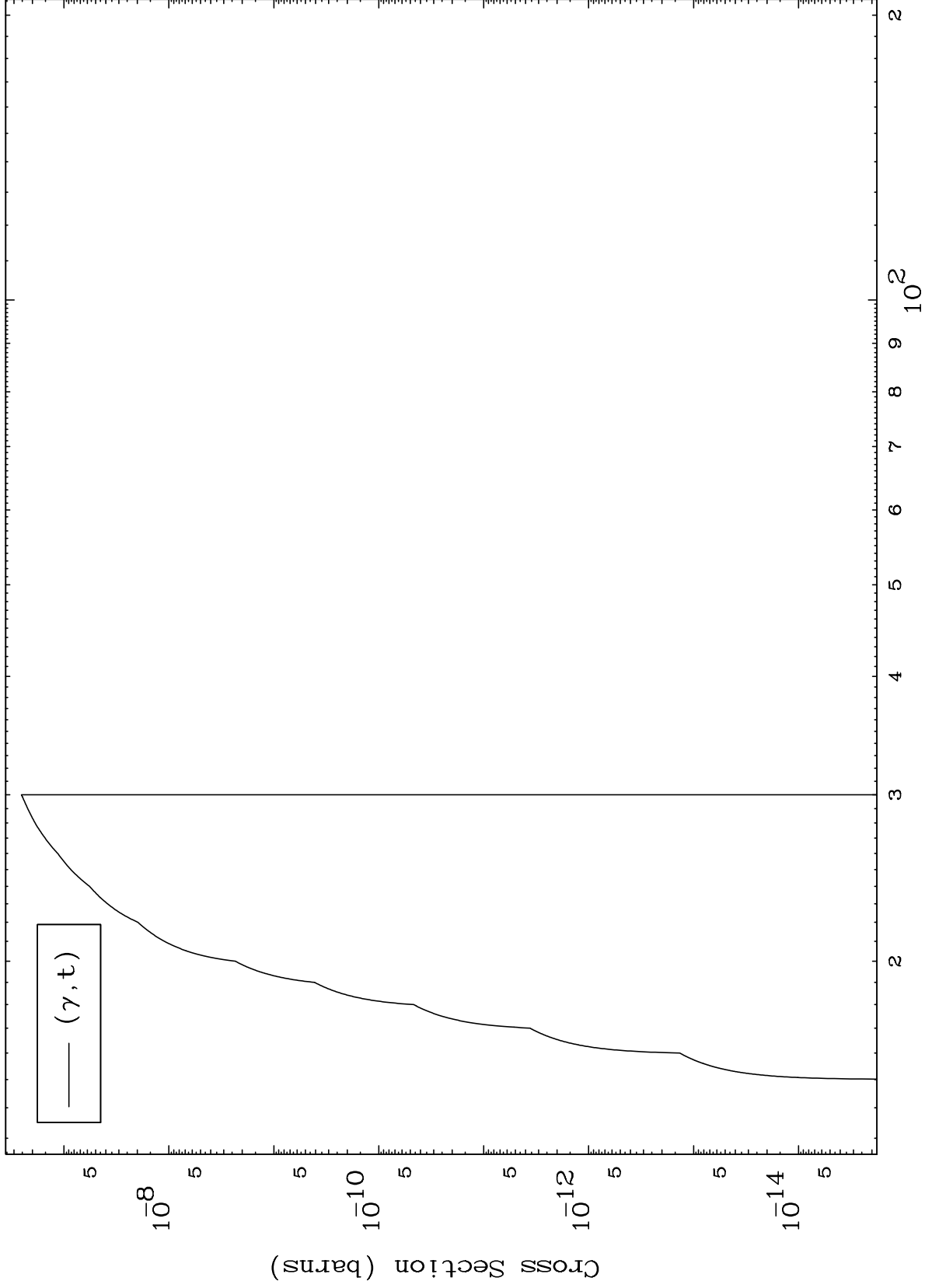




MAT 7301

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

73-Ta-172



8

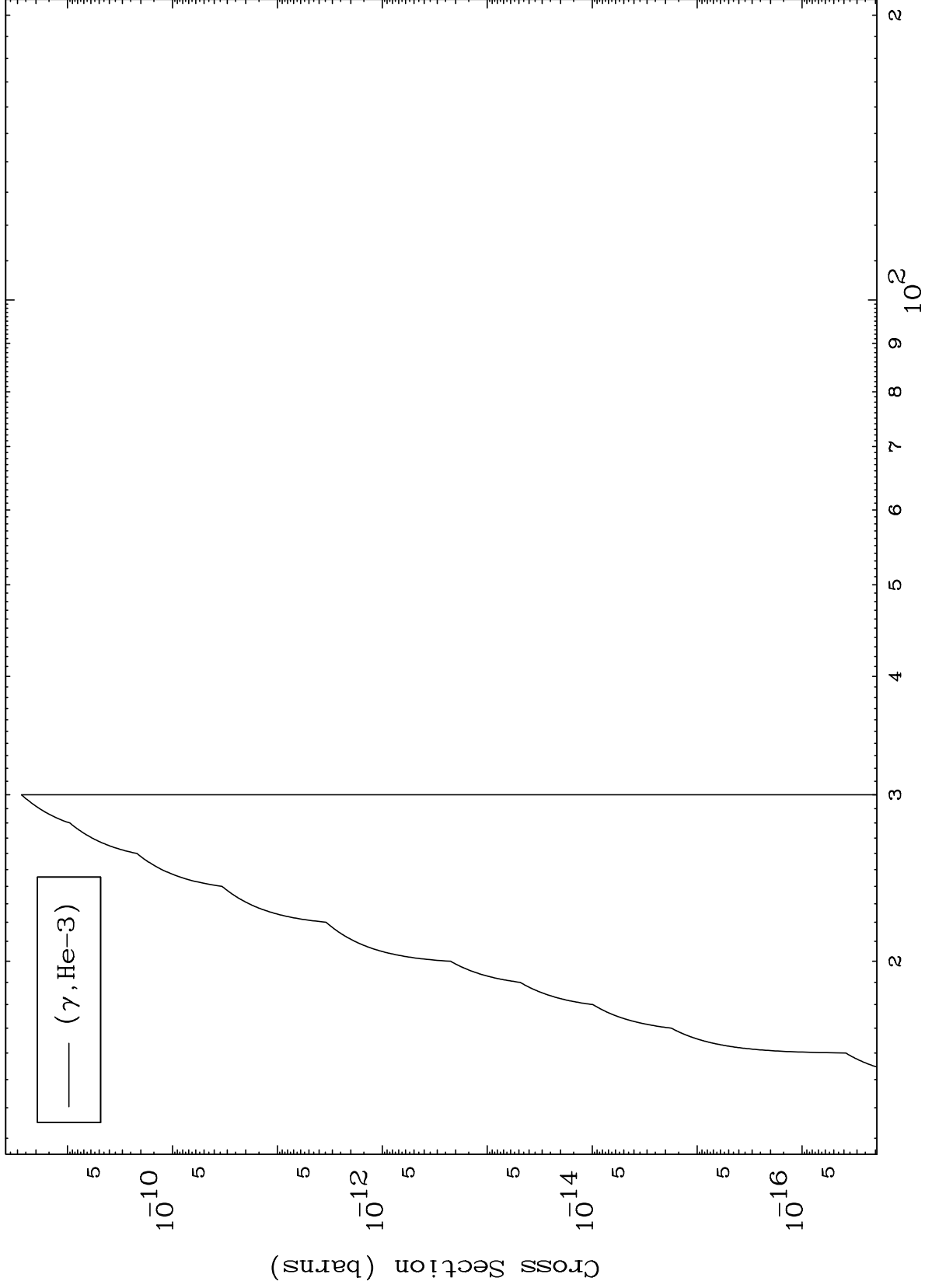
Incident Energy (MeV)

73-Ta-172

MAT 7301

( $\gamma$ ,He3) Levels  
0 Kelvin Cross Sections

73-Ta-172



9

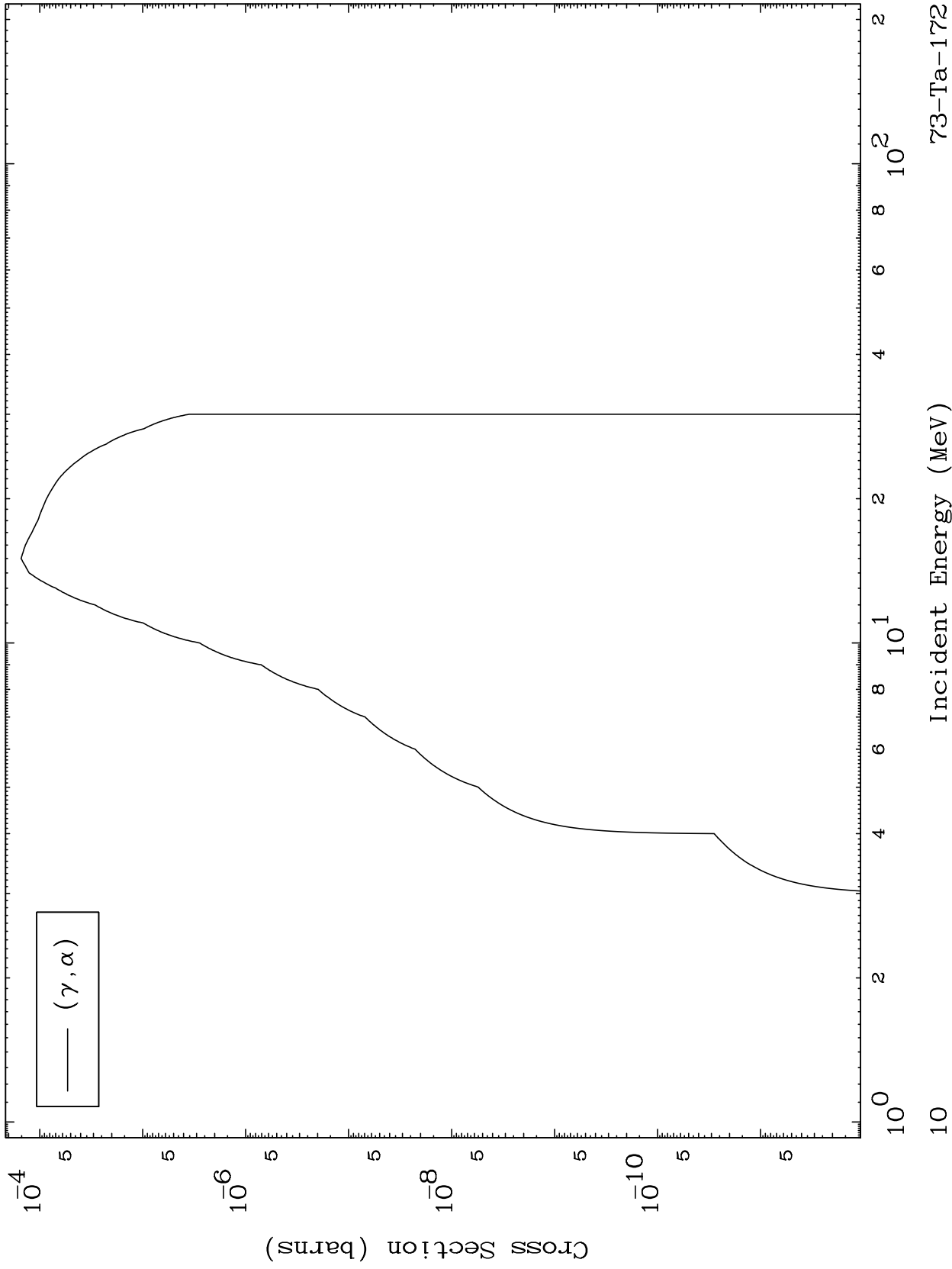
Incident Energy (MeV)

73-Ta-172

MAT 7301

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

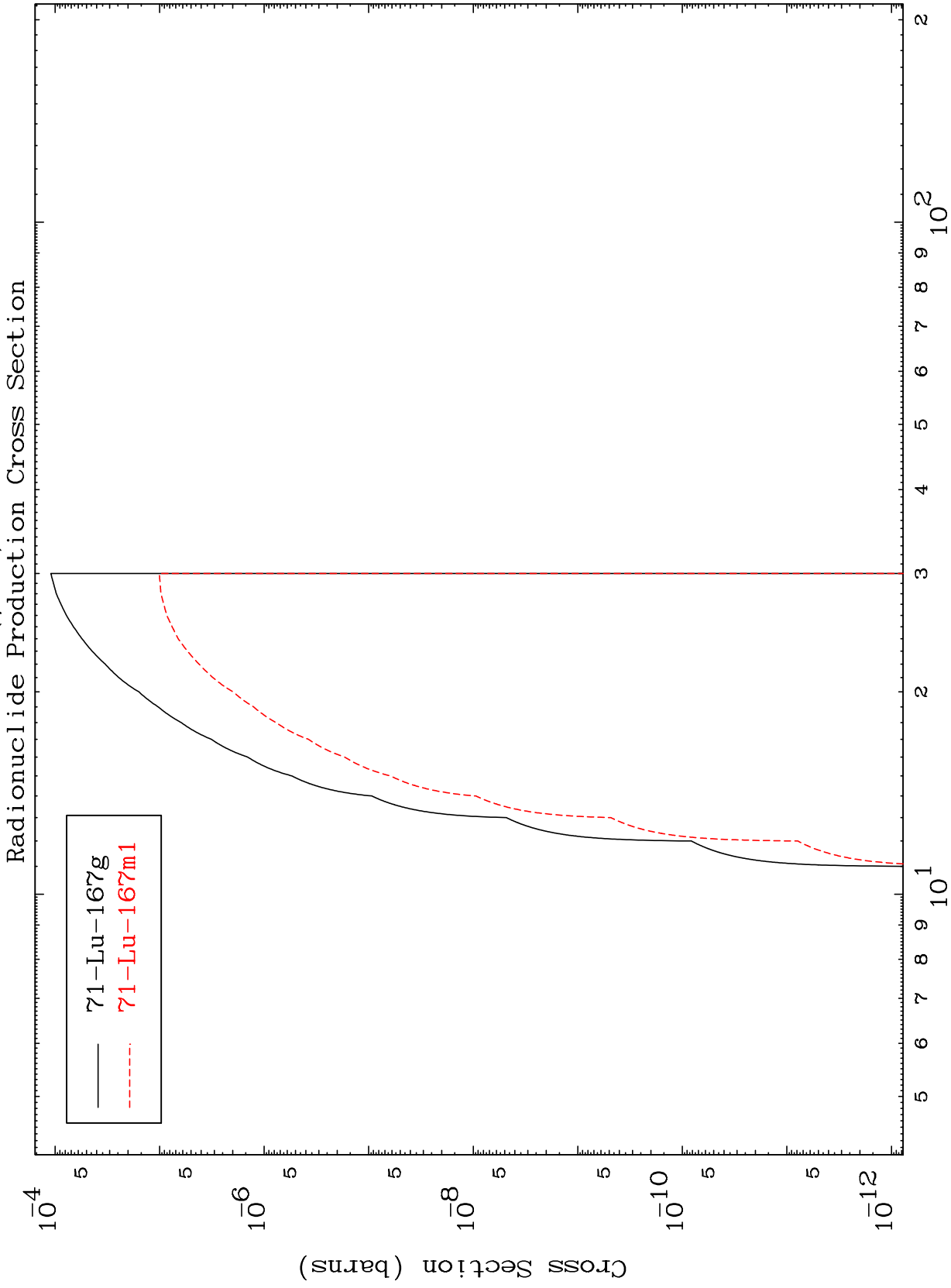
73-Ta-172



MAT 7301

$(\gamma, n')$   $\alpha$

$^{73}\text{Ta-172}$



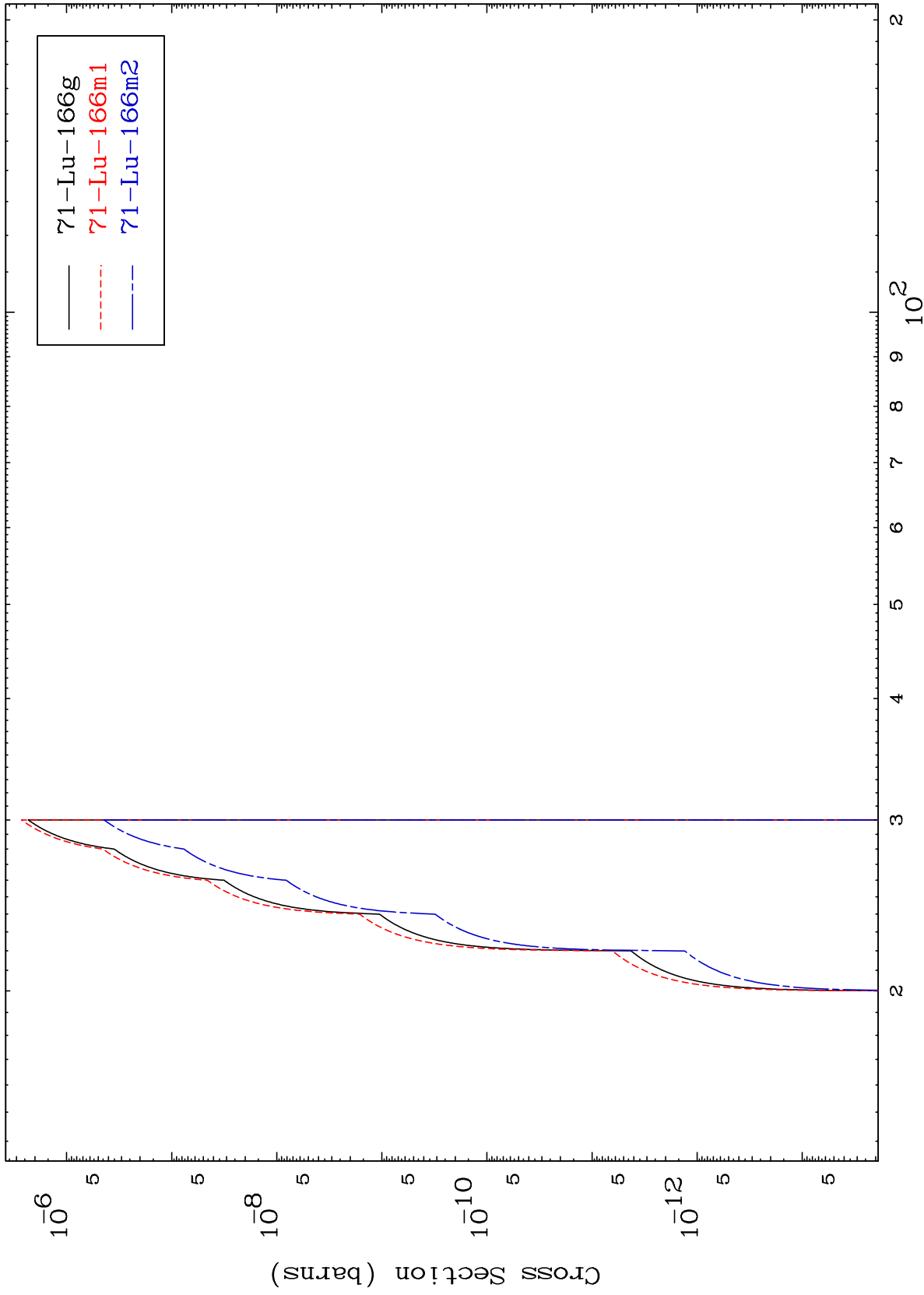
—  $^{71}\text{Lu-167g}$   
- - -  $^{71}\text{Lu-167m1}$

MAT 7301

$(\gamma, 2n) \alpha$

$^{73}\text{Ta-172}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

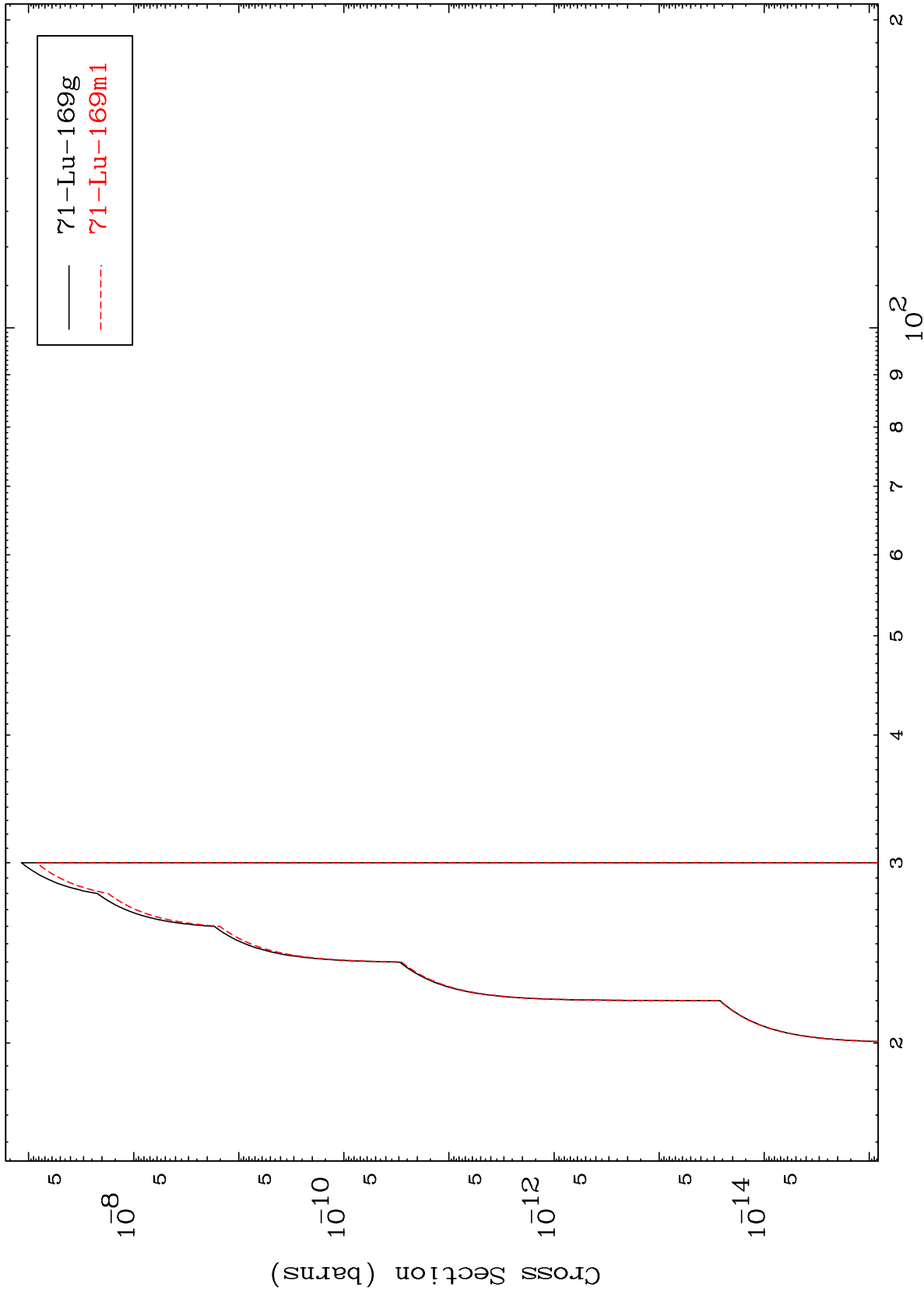
$^{73}\text{Ta-172}$

MAT 7301

( $\gamma, 2n$ ) p

<sup>73</sup>Ta-172

Radionuclide Production Cross Section



13

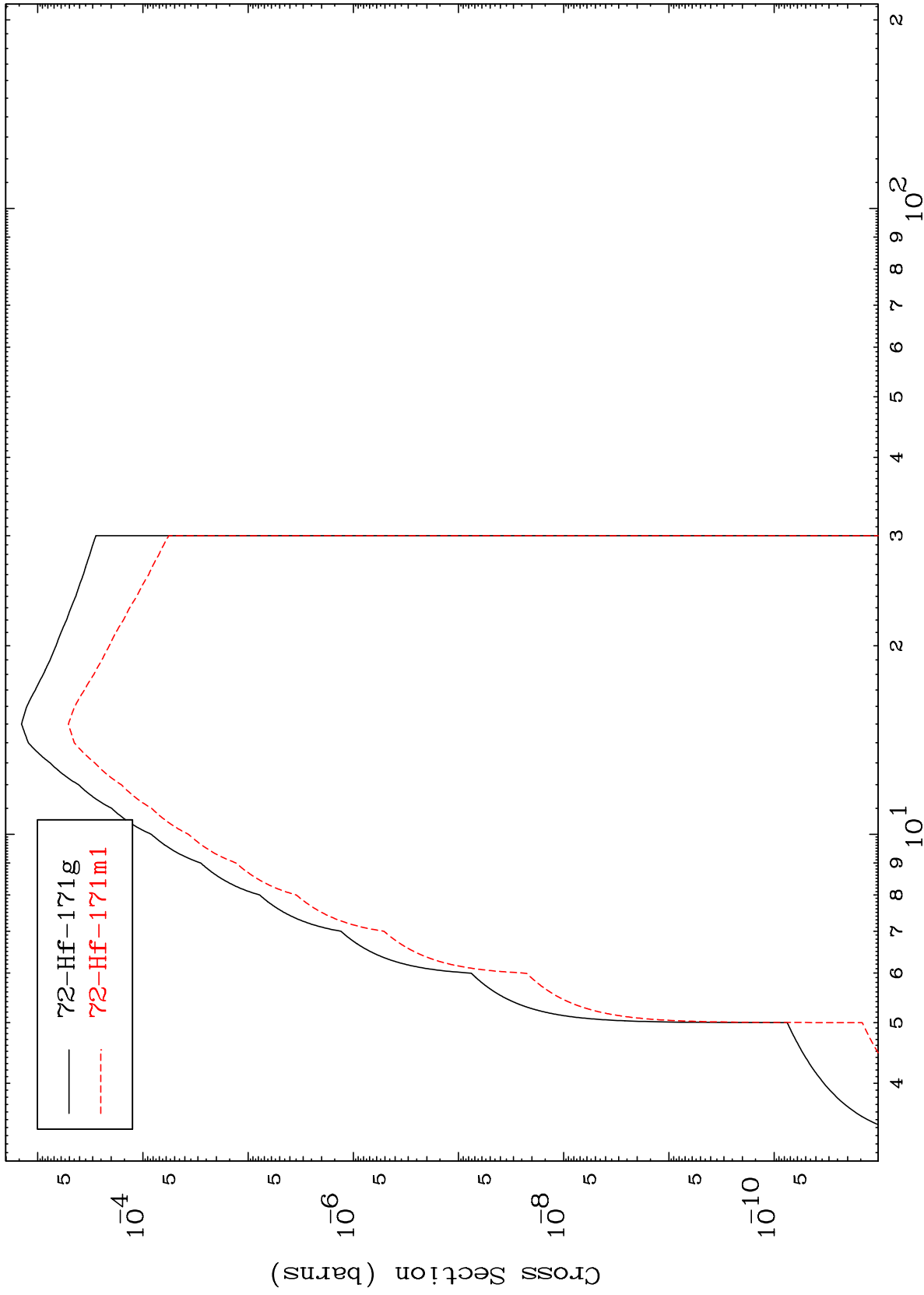
Incident Energy (MeV)

<sup>73</sup>Ta-172

MAT 7301

<sup>73</sup>Ta-172

Radionuclide Production Cross Section



<sup>73</sup>Ta-172

Incident Energy (MeV)

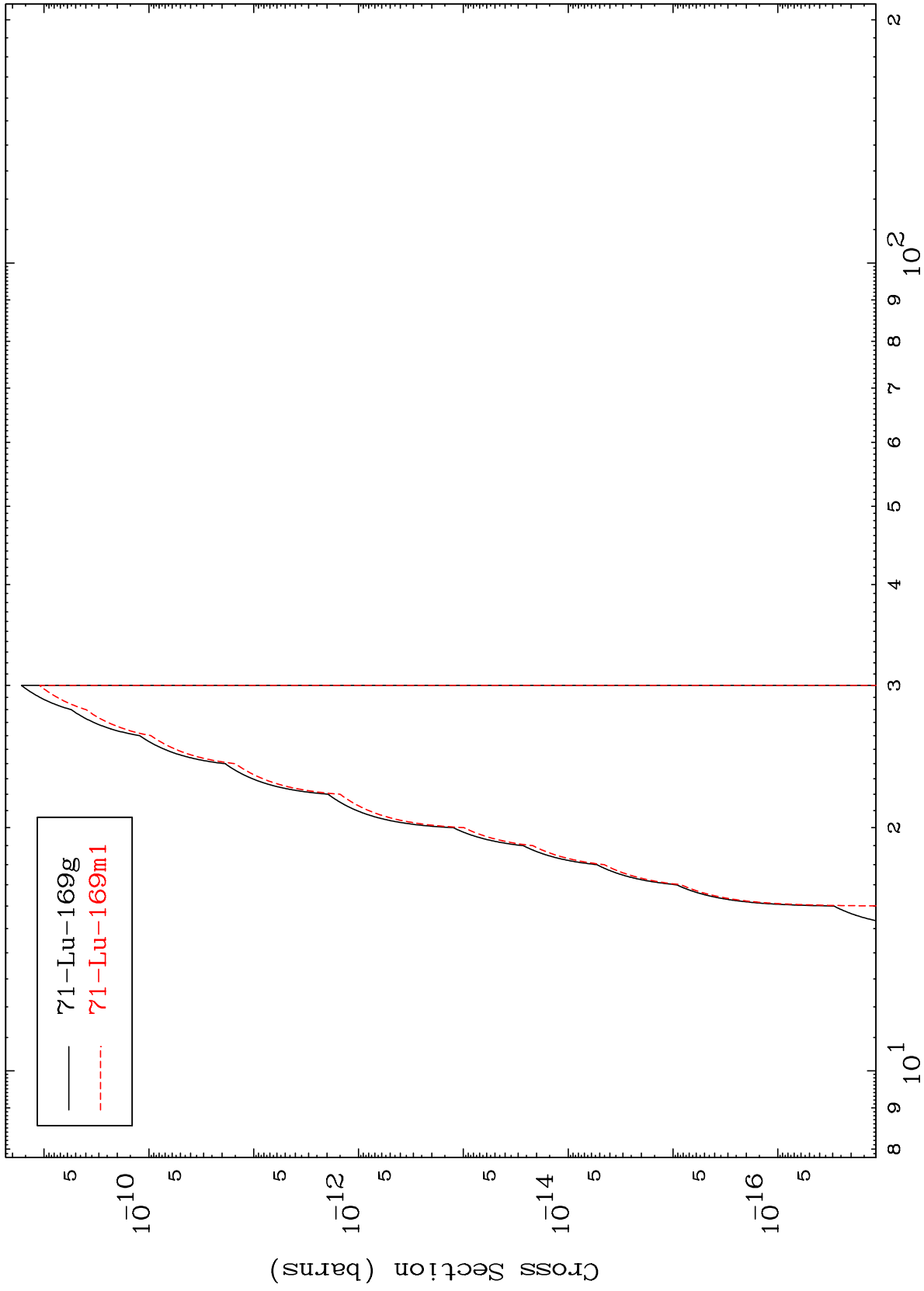
14

MAT 7301

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

$^{73}\text{Ta-172}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

$^{73}\text{Ta-172}$

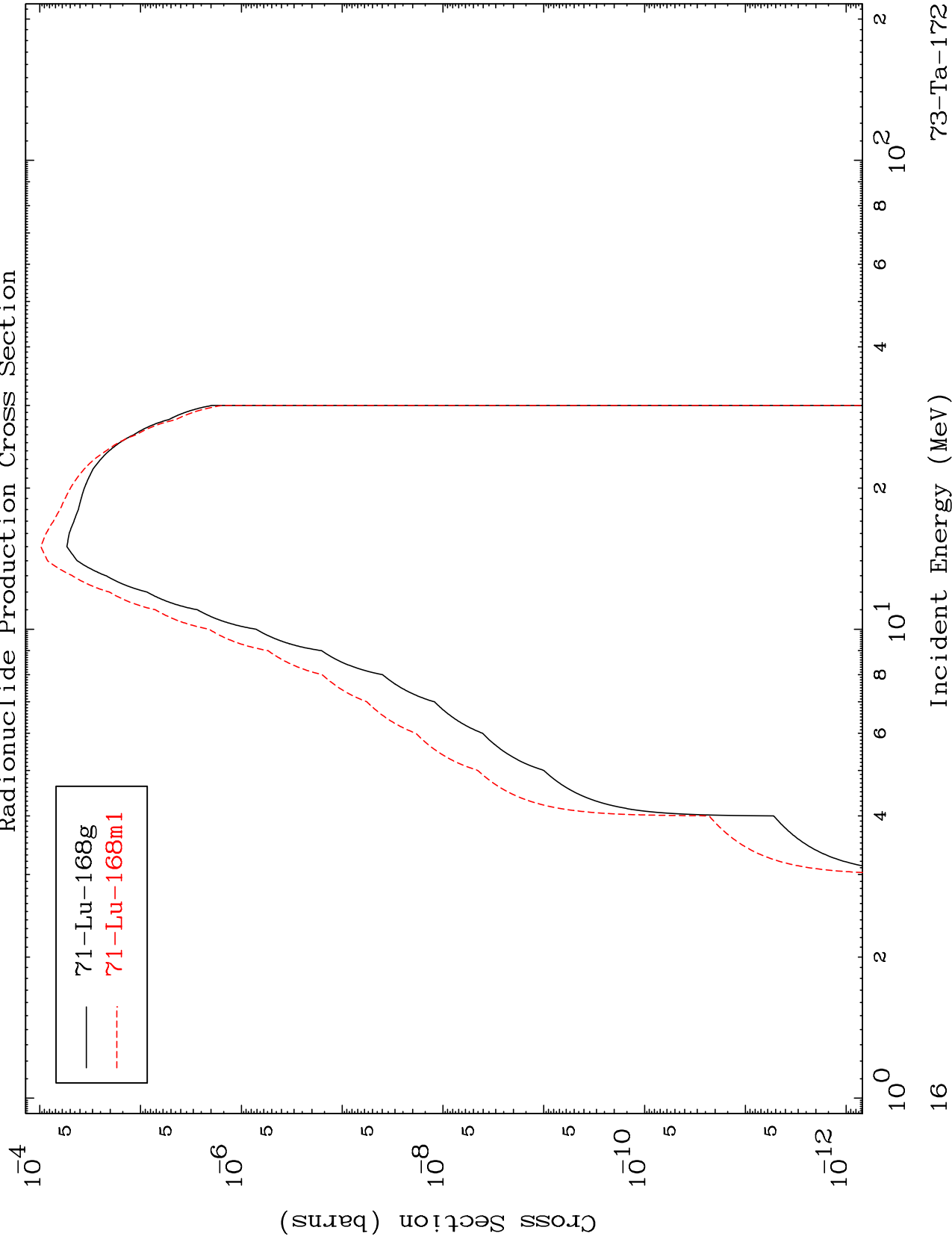


MAT 7301

73-Ta-172

Radionuclide Production Cross Section

( $\gamma, \alpha$ )



71-Lu-168g  
71-Lu-168m1

73-Ta-172

Incident Energy (MeV)

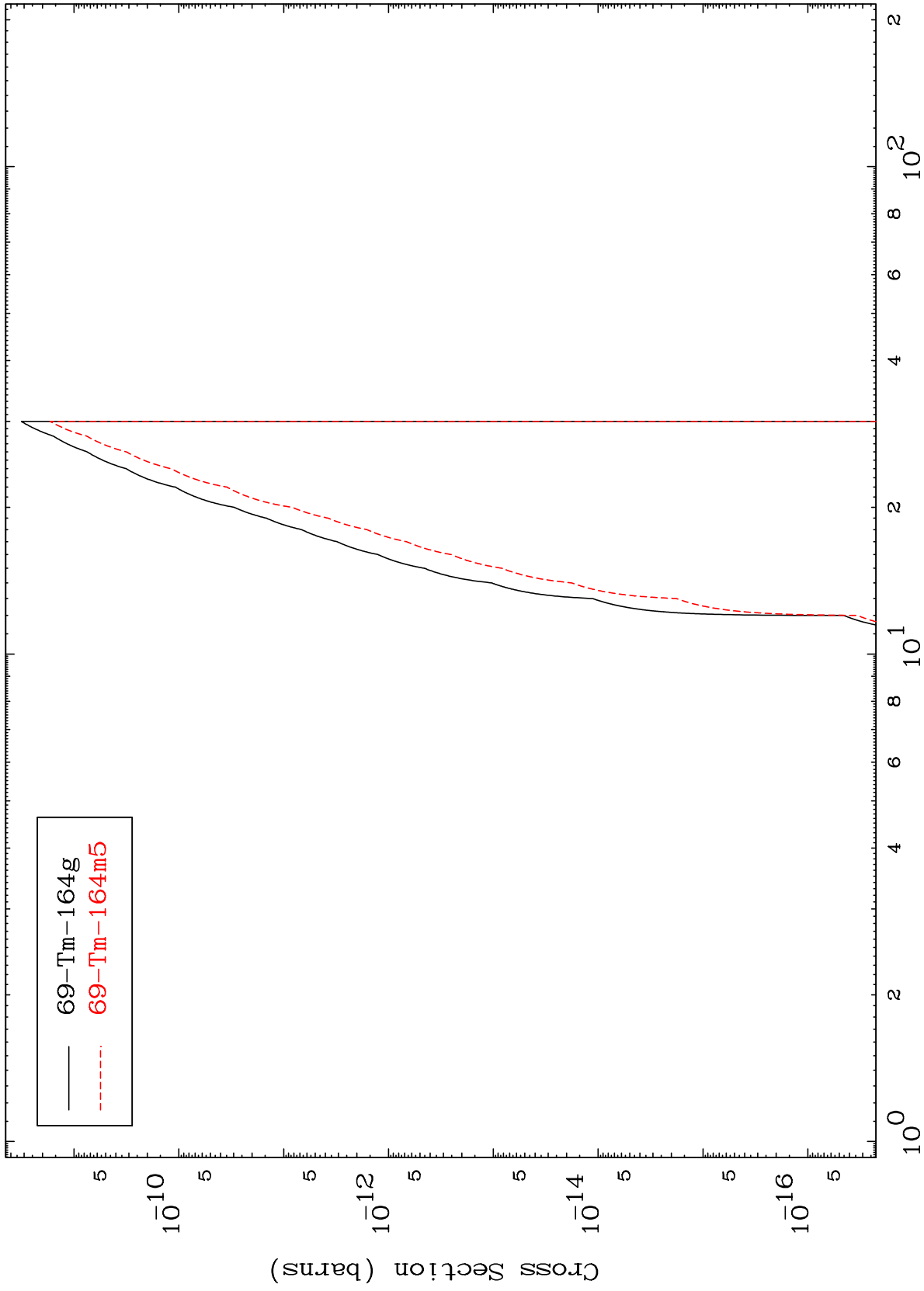
16

MAT 7301

( $\gamma, 2\alpha$ )

<sup>73</sup>Ta-172

Radionuclide Production Cross Section



17

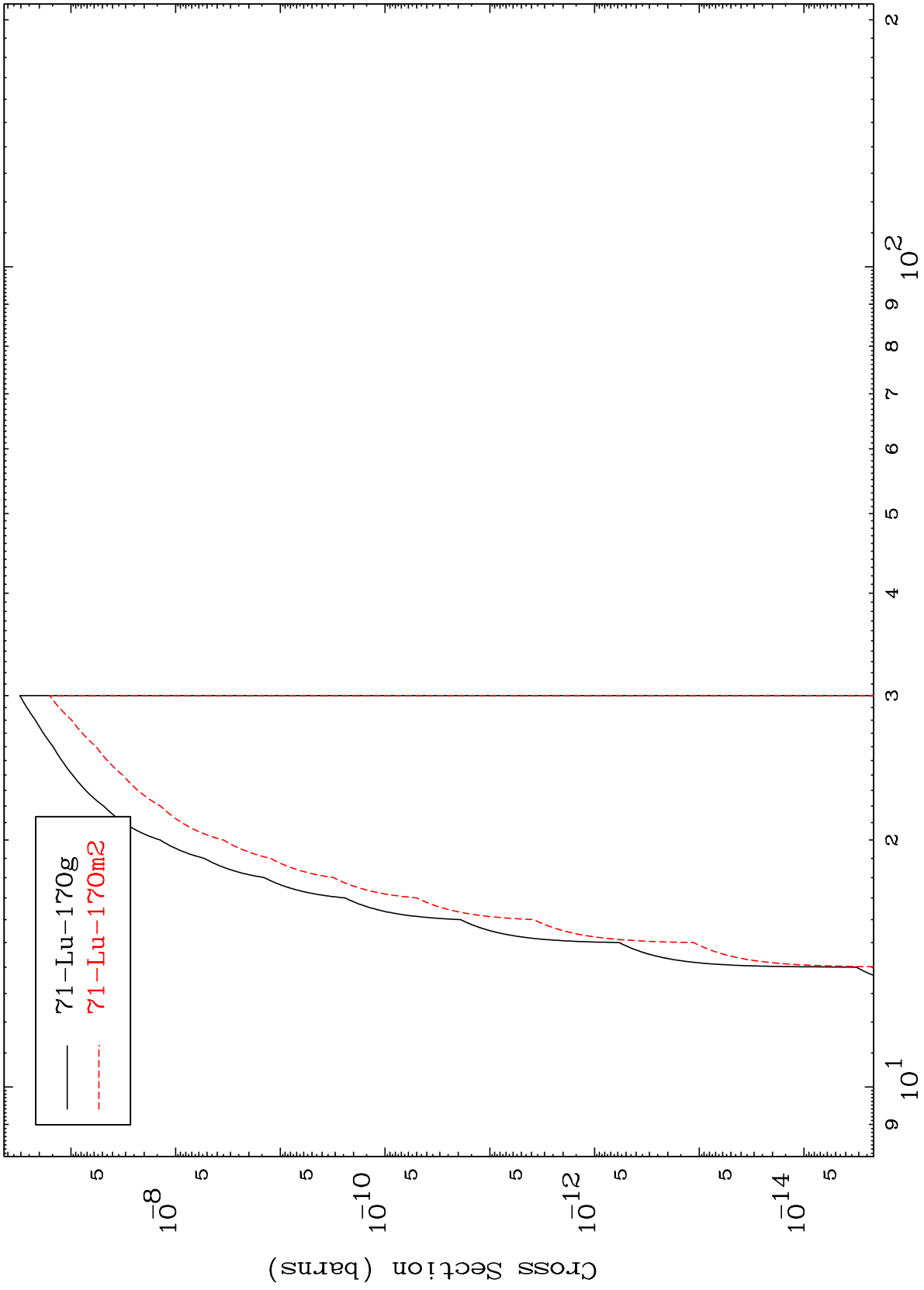
Incident Energy (MeV)

<sup>73</sup>Ta-172

MAT 7301

<sup>73</sup>Ta-172

( $\gamma, 2p$ )  
Radionuclide Production Cross Section



18

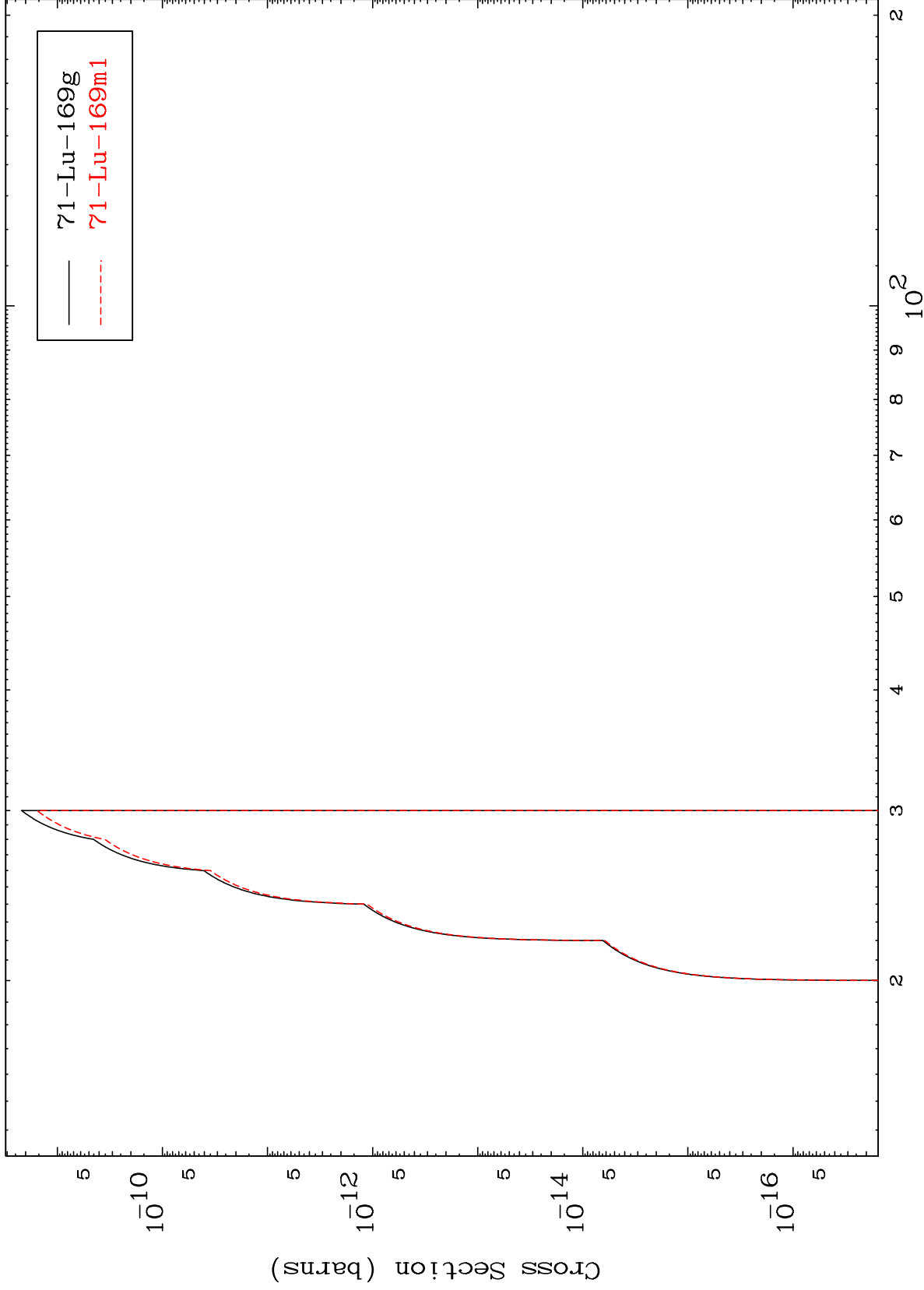
<sup>73</sup>Ta-172

MAT 7301

( $\gamma, p$ ) d

<sup>73</sup>Ta-172

Radionuclide Production Cross Section



19

Incident Energy (MeV)

<sup>73</sup>Ta-172