

Program EVALPLOT  
(Version 2018-1)

by

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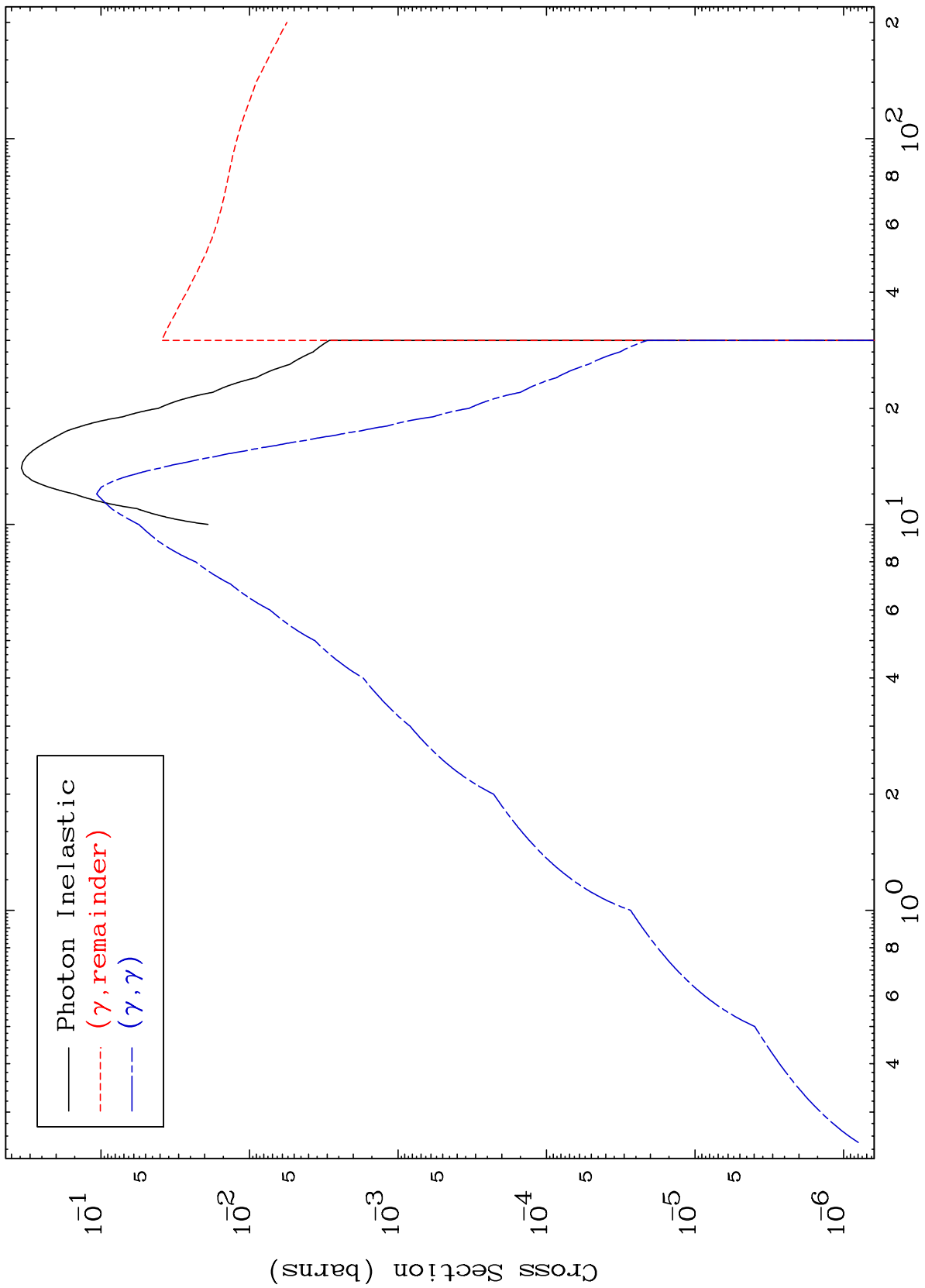
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

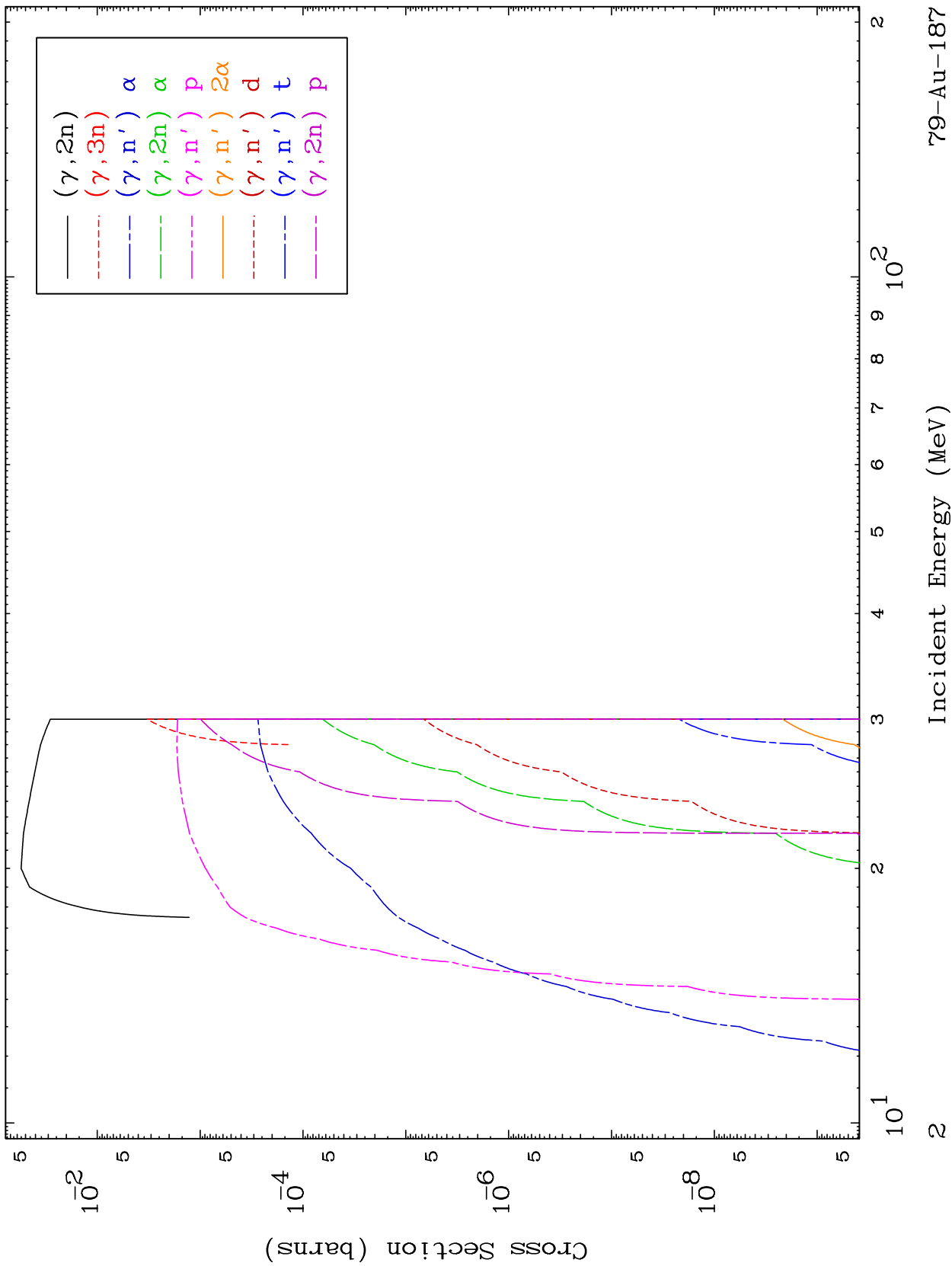
MAT 7895

Photon Major  
0 Kelvin Cross Sections

79-Au-187



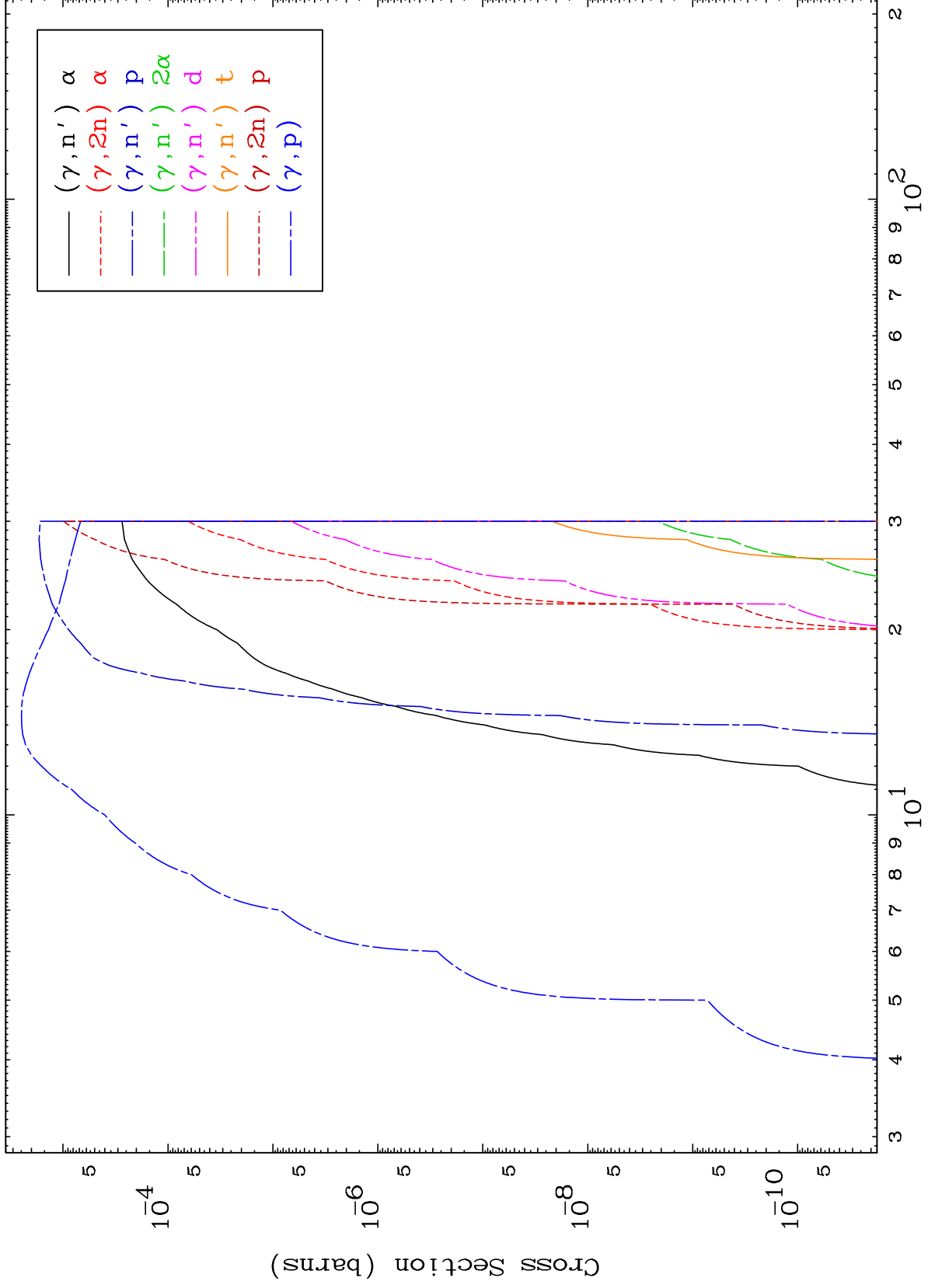
— Photon Inelastic  
- - -  $(\gamma, \text{remainder})$   
- . -  $(\gamma, \gamma)$



MAT 7895

Photon Charged Particle  
0 Kelvin Cross Sections

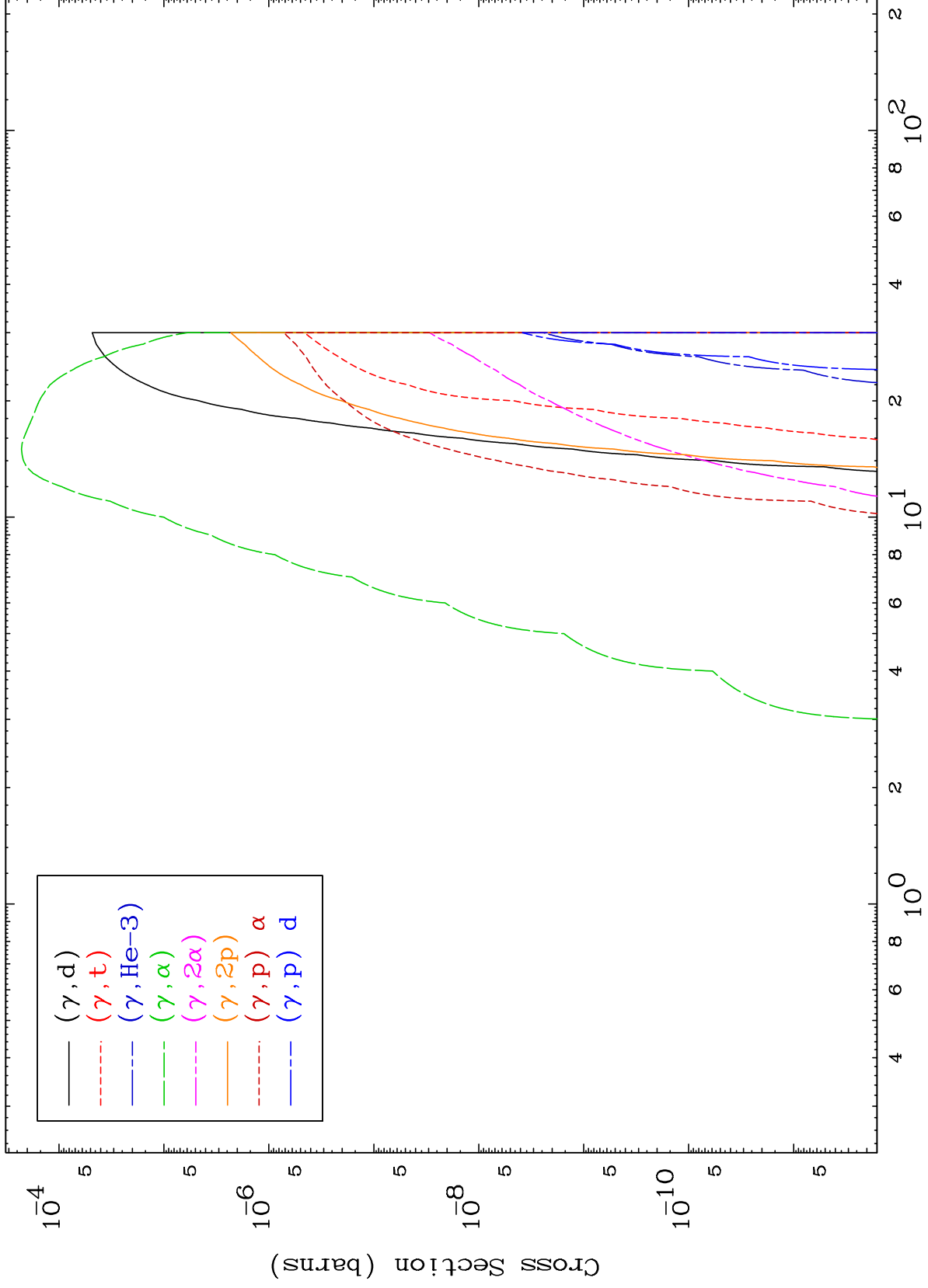
79-Au-187



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Incident Energy (MeV)

79-Au-187

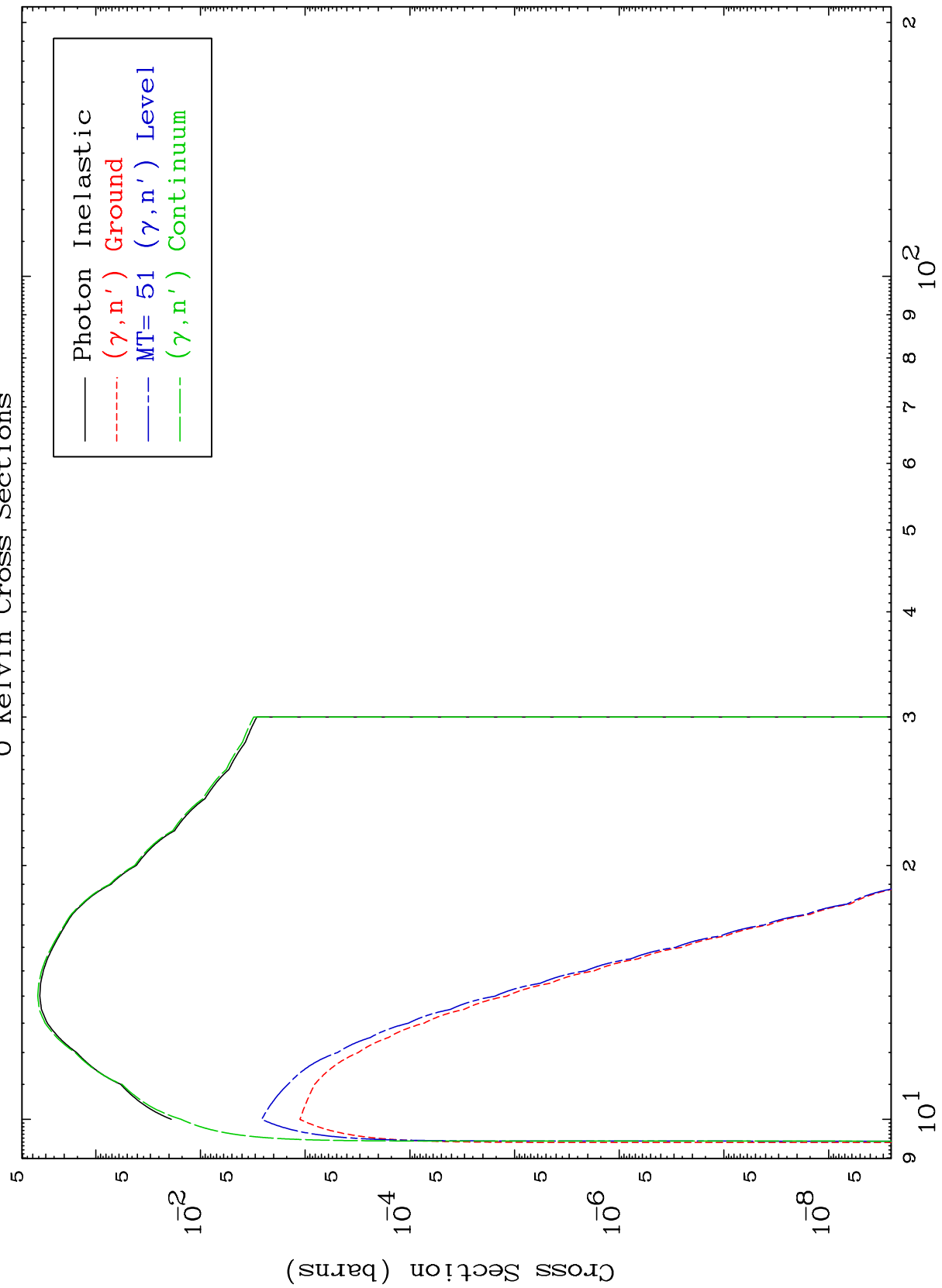


MAT 7895

$(\gamma, n')$  Level

79-Au-187

0 Kelvin Cross Sections



Incident Energy (MeV)

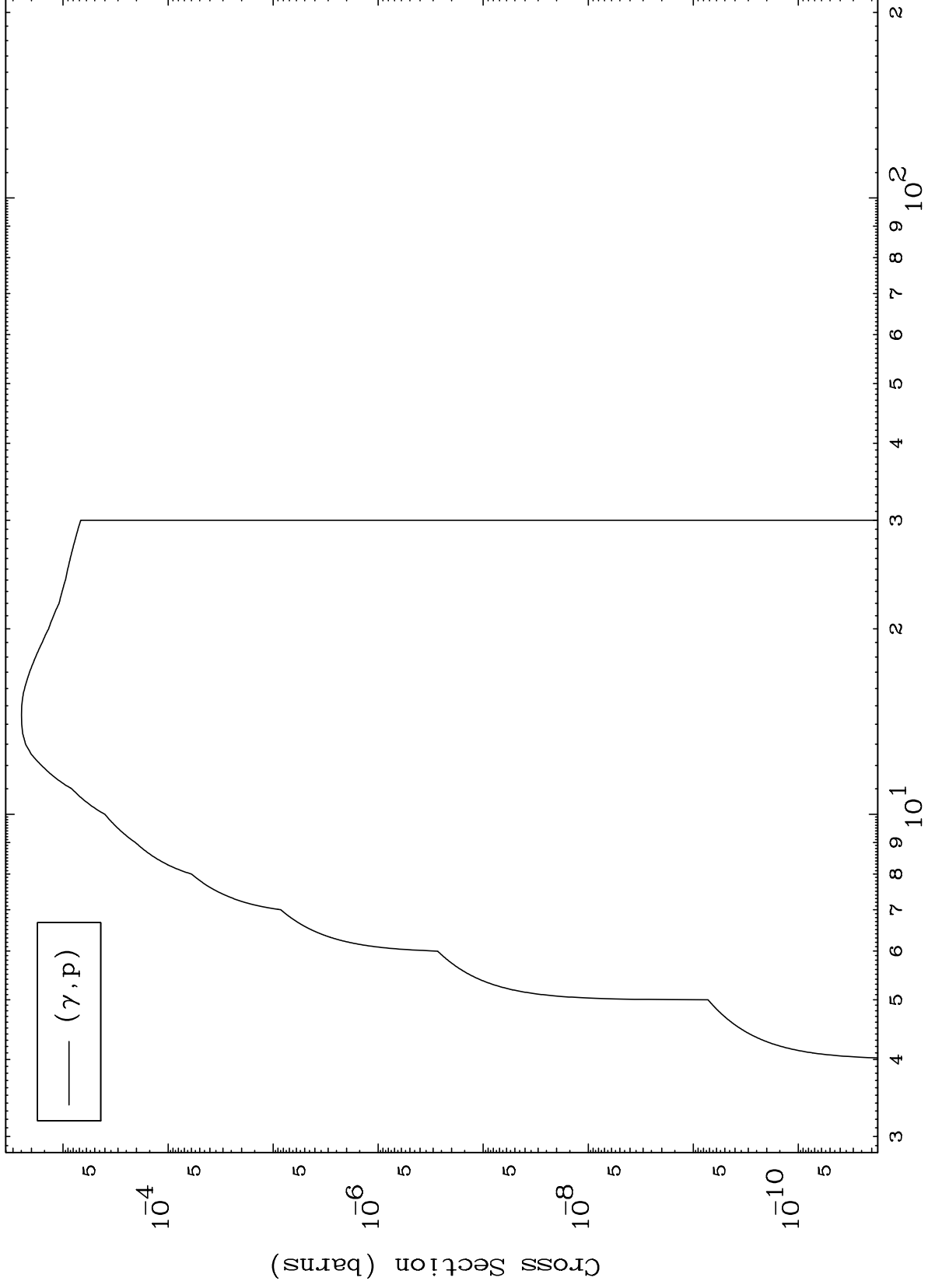
79-Au-187

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( $\gamma, p$ ) Levels

79-Au-187

0 Kelvin Cross Sections



6

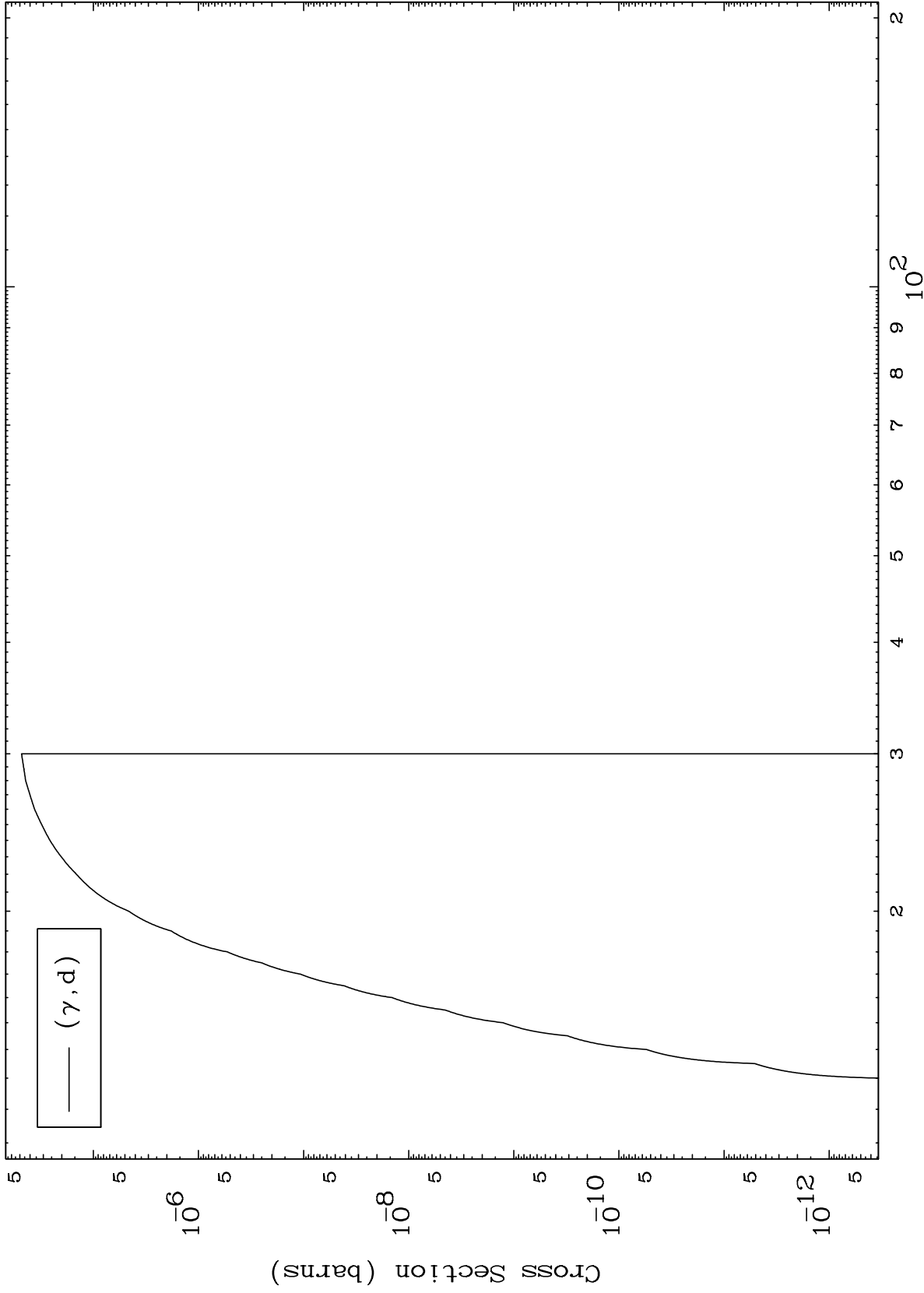
Incident Energy (MeV)

79-Au-187

MAT 7895

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

79-Au-187

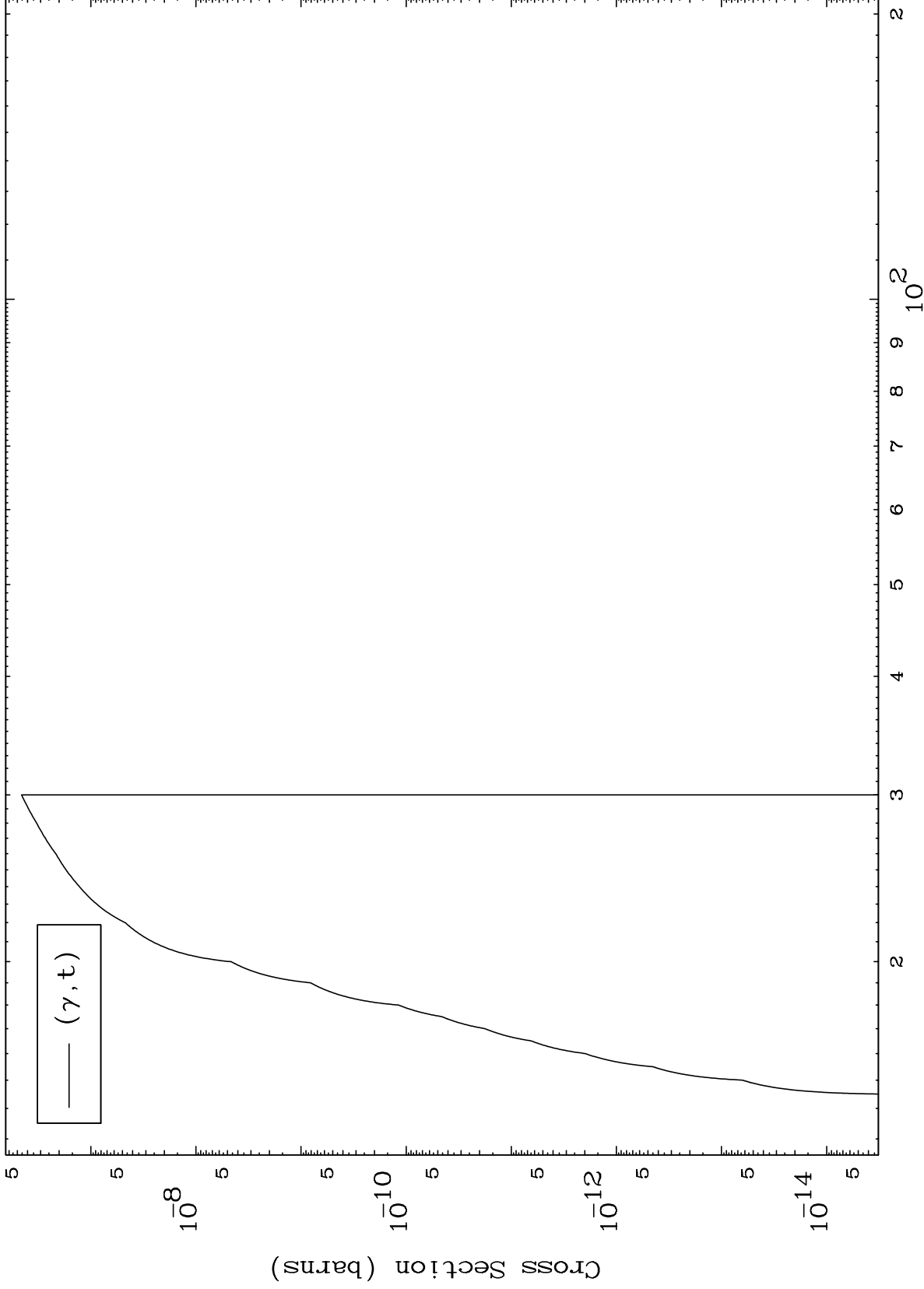


7

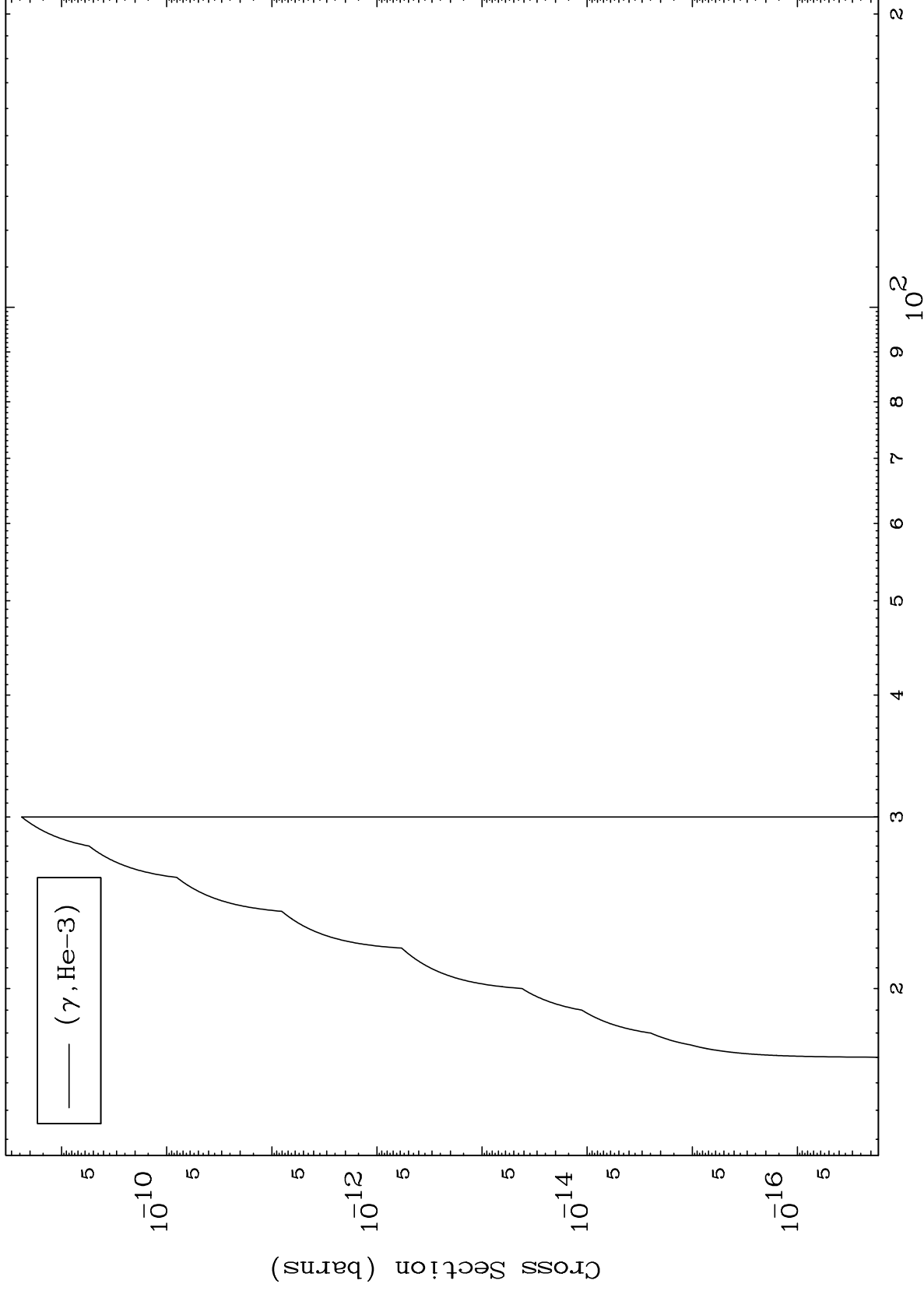
Incident Energy (MeV)

79-Au-187





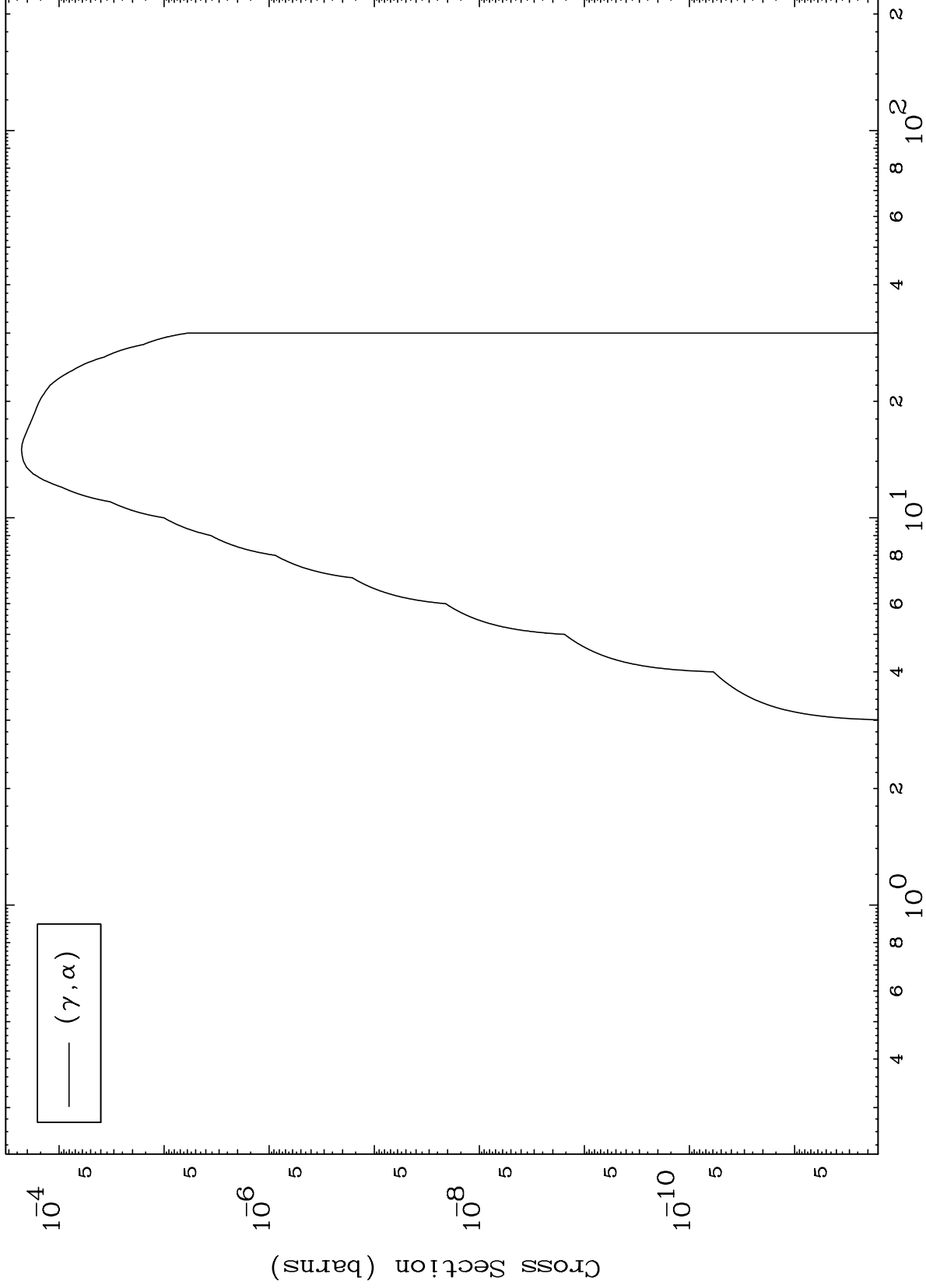
0 Kelvin Cross Sections



MAT 7895

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

79-Au-187



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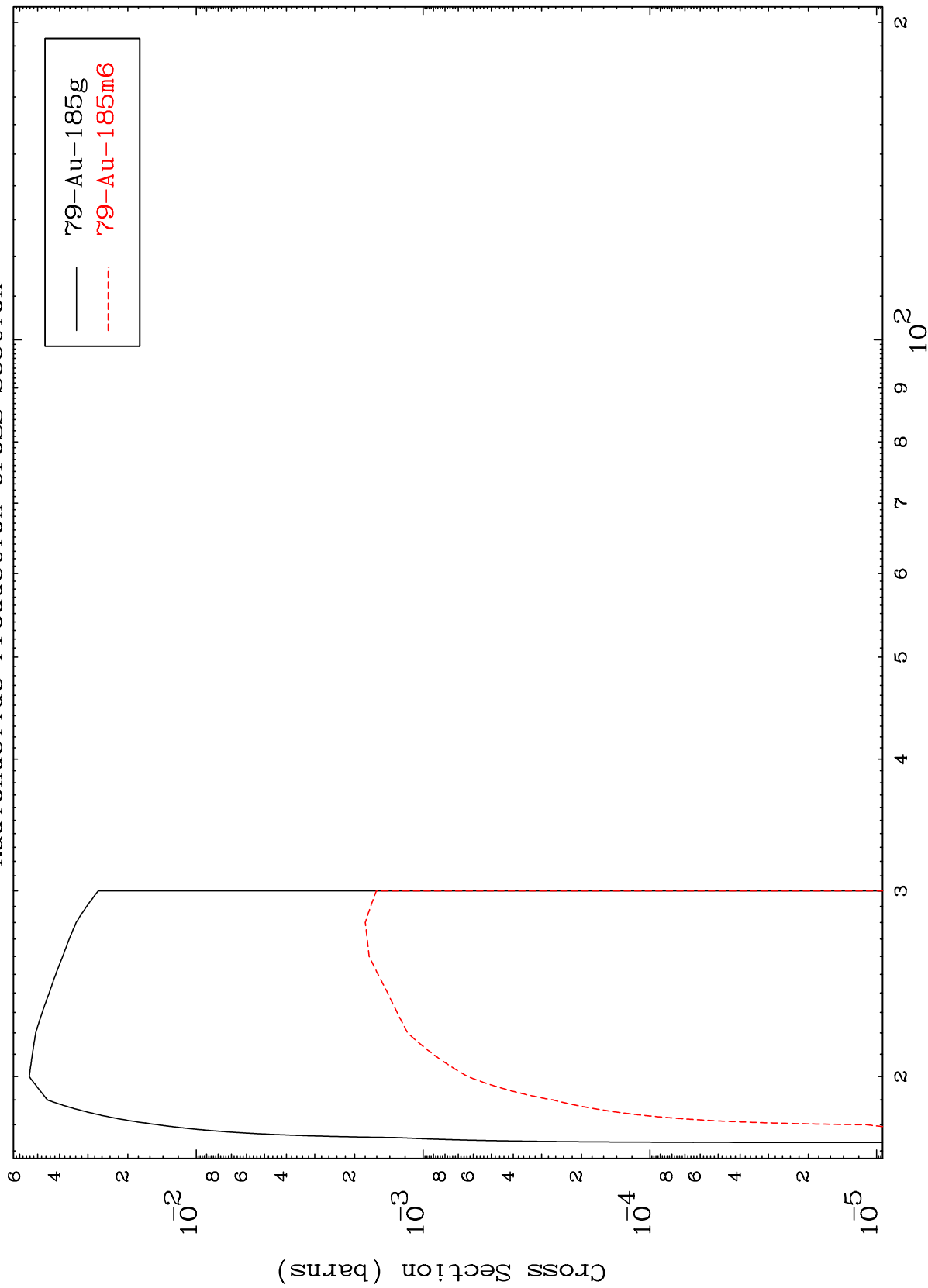
Incident Energy (MeV)

79-Au-187

MAT 7895

79-Au-187

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



11

Incident Energy (MeV)

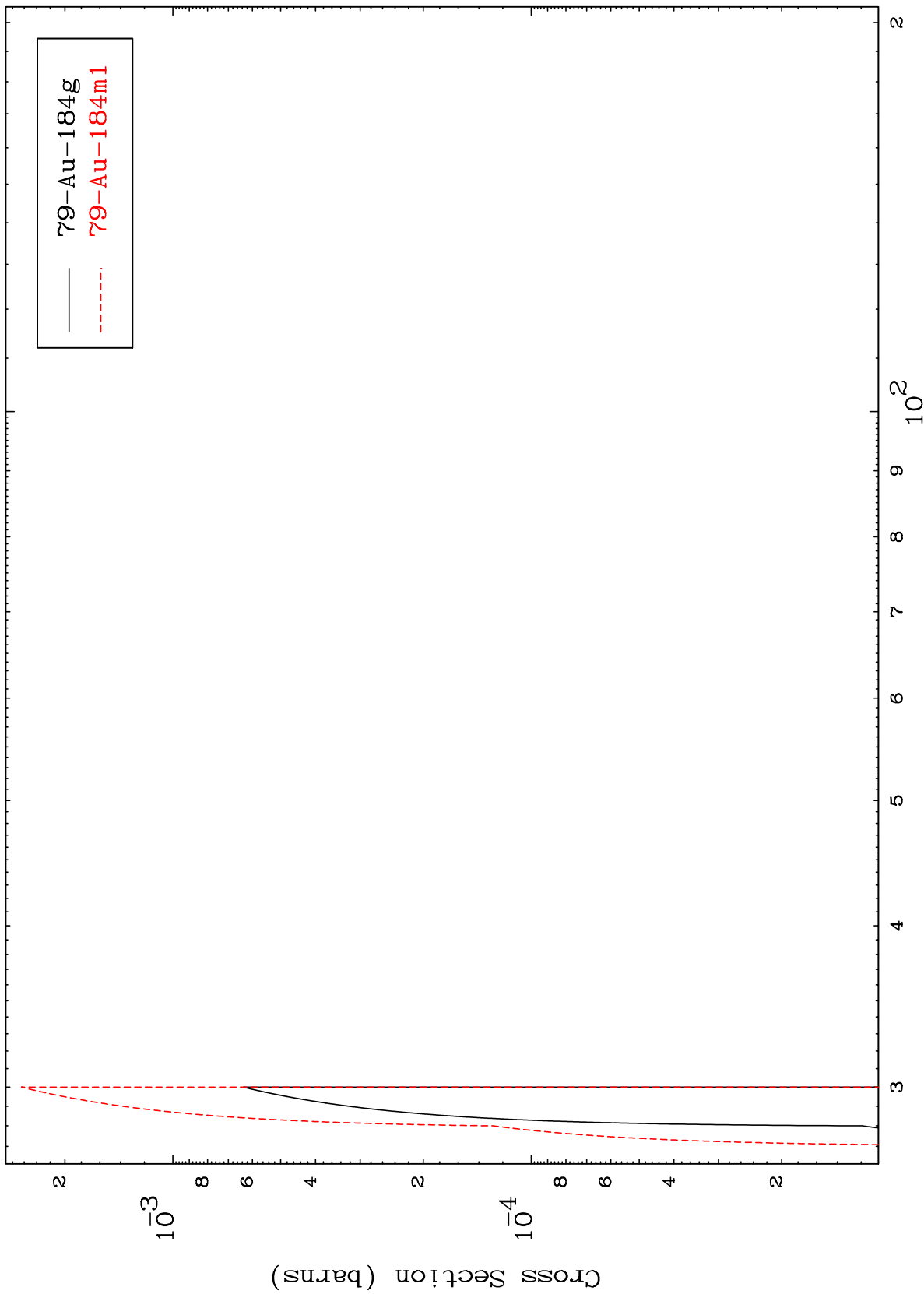
79-Au-187

MAT 7895

79-Au-187

( $\gamma, 3n$ )

Radionuclide Production Cross Section



12

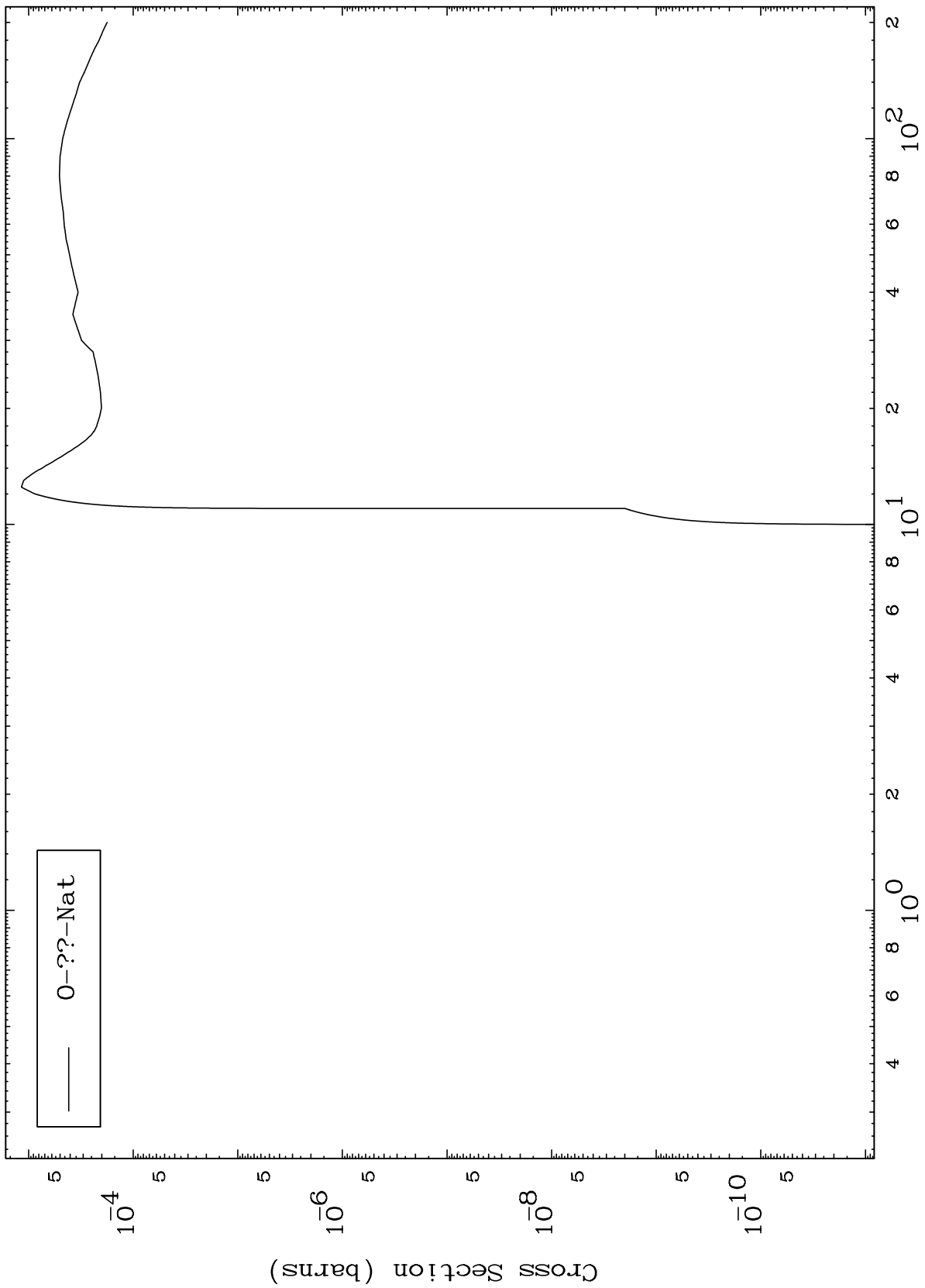
79-Au-187

Incident Energy (MeV)

MAT 7895

79-Au-187

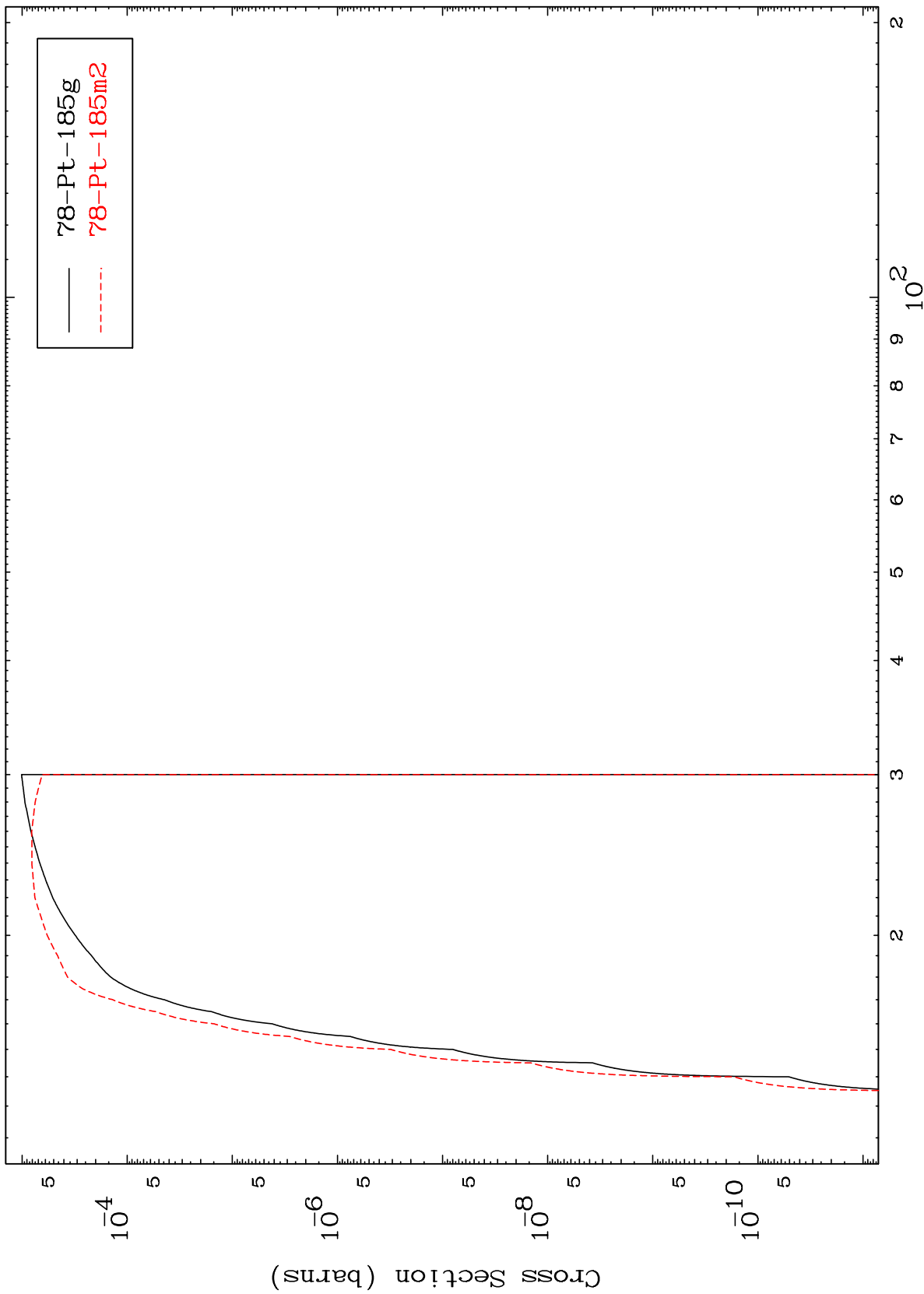
Photon Fission  
Radionuclide Production Cross Section



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79-Au-187

$(\gamma, n')$  p  
Radionuclide Production Cross Section



79-Au-187

Incident Energy (MeV)

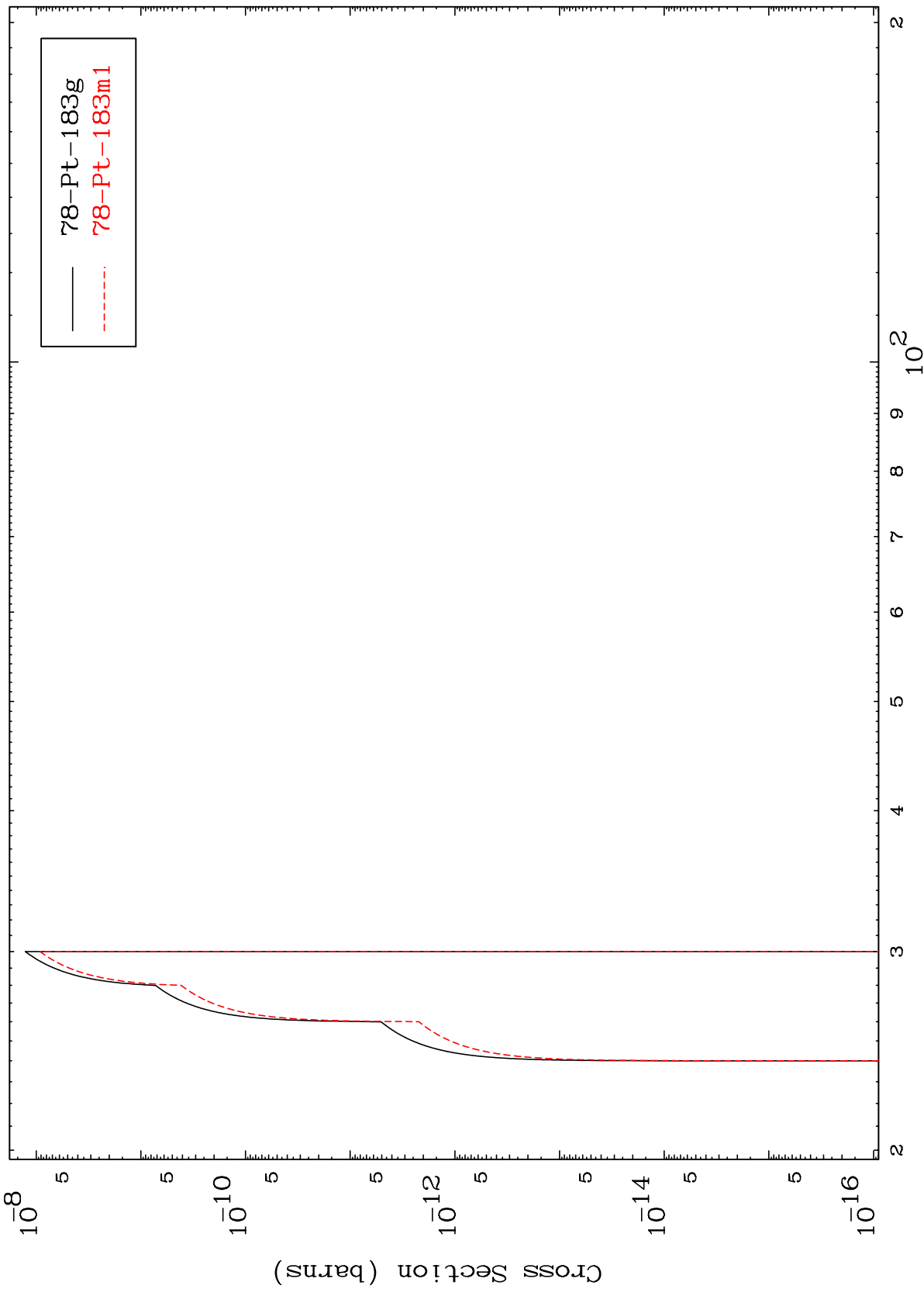
14

MAT 7895

( $\gamma, n'$ ) t

79-Au-187

Radionuclide Production Cross Section



78-Pt-183g  
78-Pt-183m1

15

Incident Energy (MeV)

79-Au-187

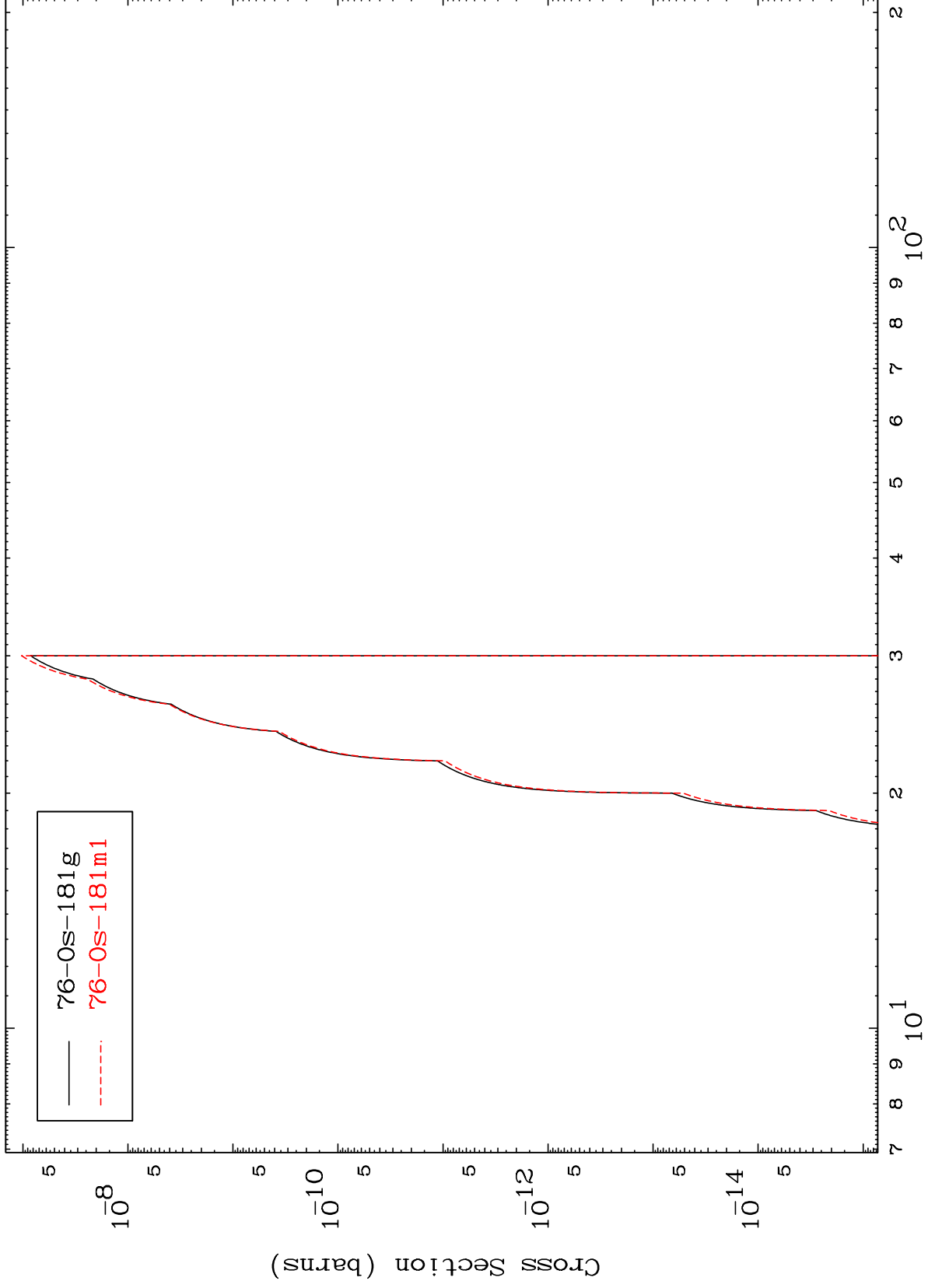


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( $\gamma, n'$ ) p  $\alpha$

79-Au-187

Radionuclide Production Cross Section



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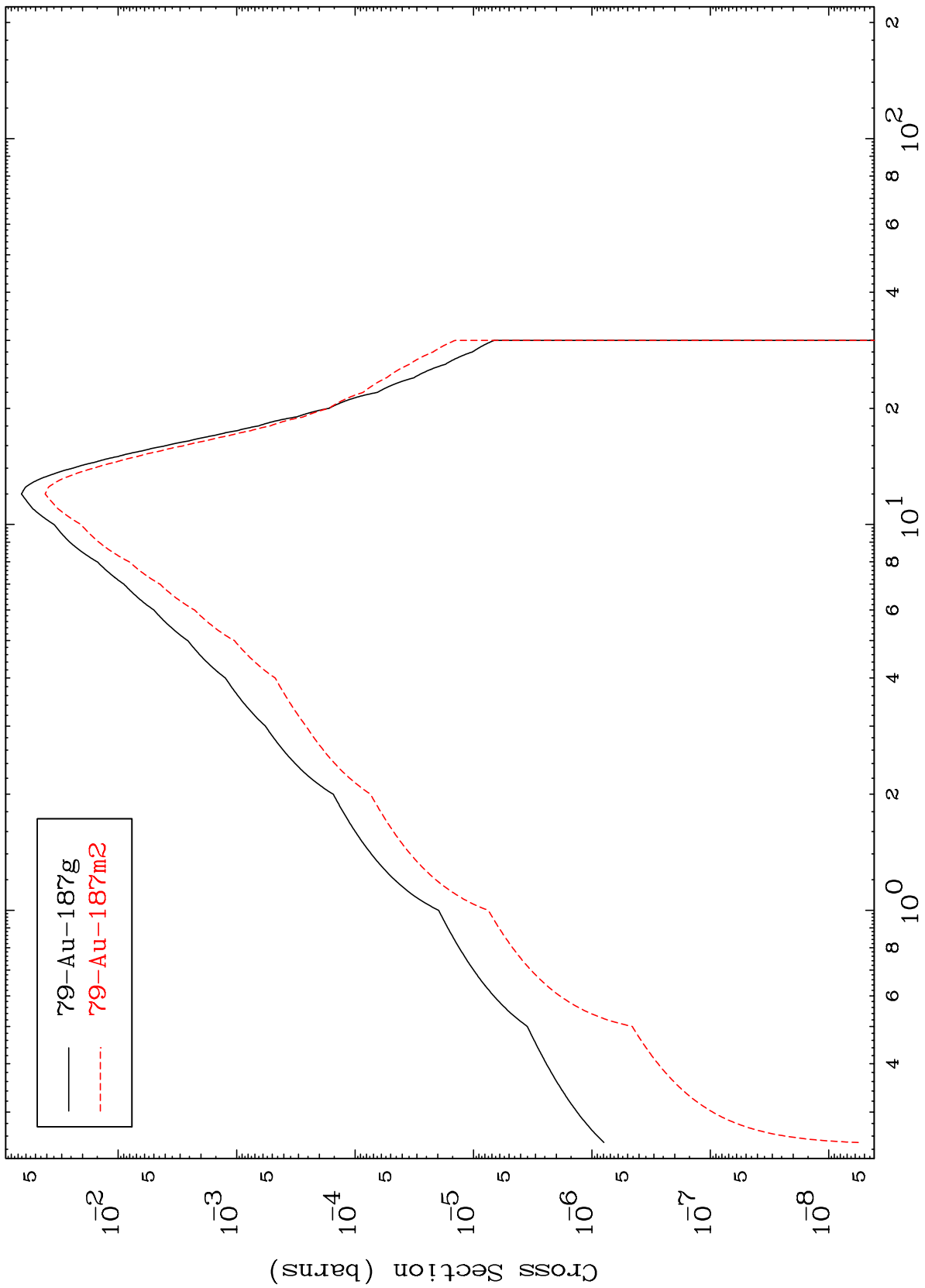
Incident Energy (MeV)

79-Au-187

MAT 7895

<sup>79</sup>Au-187

Radionuclide Production Cross Section



— 79-Au-187g  
- - - 79-Au-187m2

17

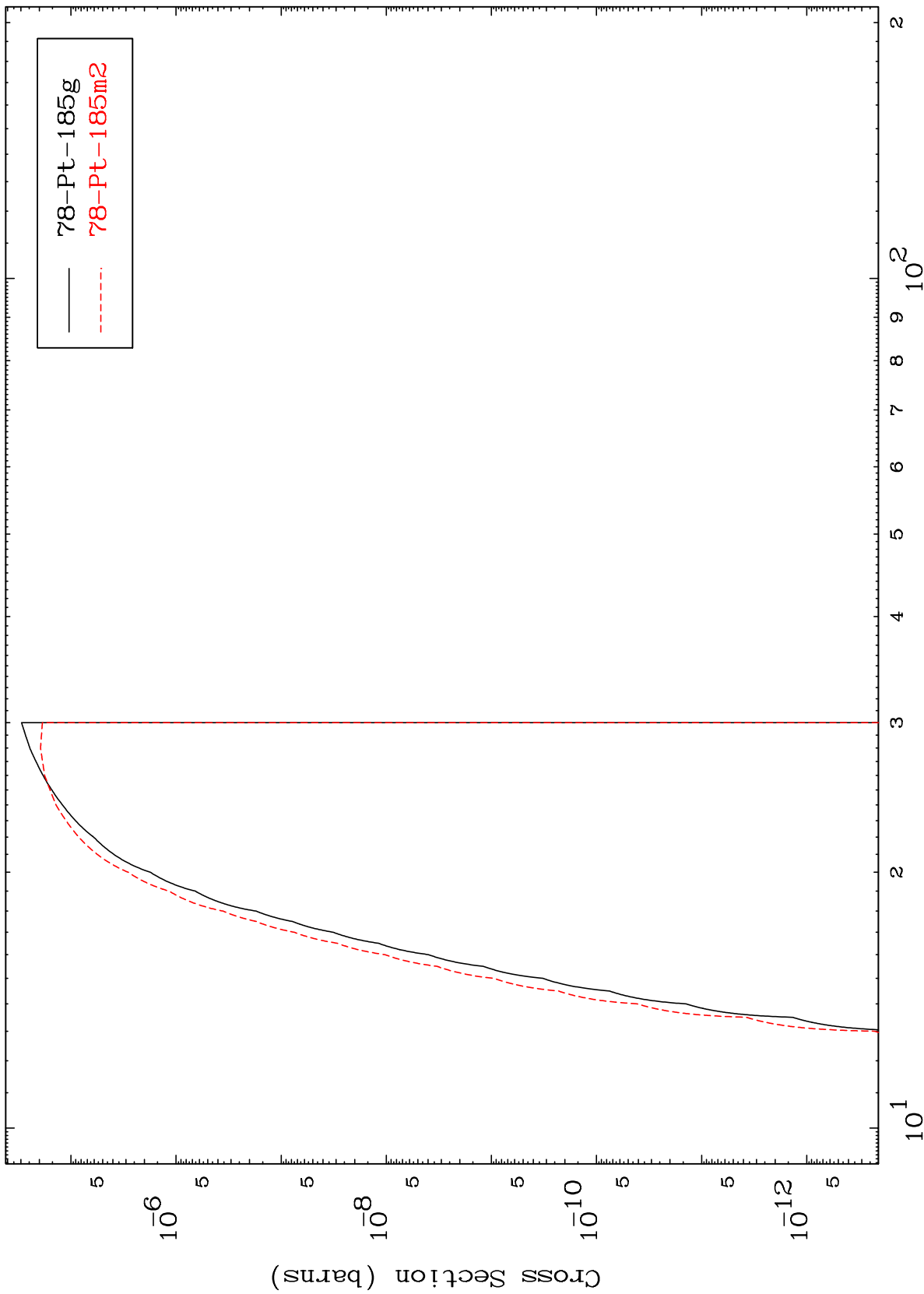
Incident Energy (MeV)

<sup>79</sup>Au-187

MAT 7895

79-Au-187

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



Incident Energy (MeV)

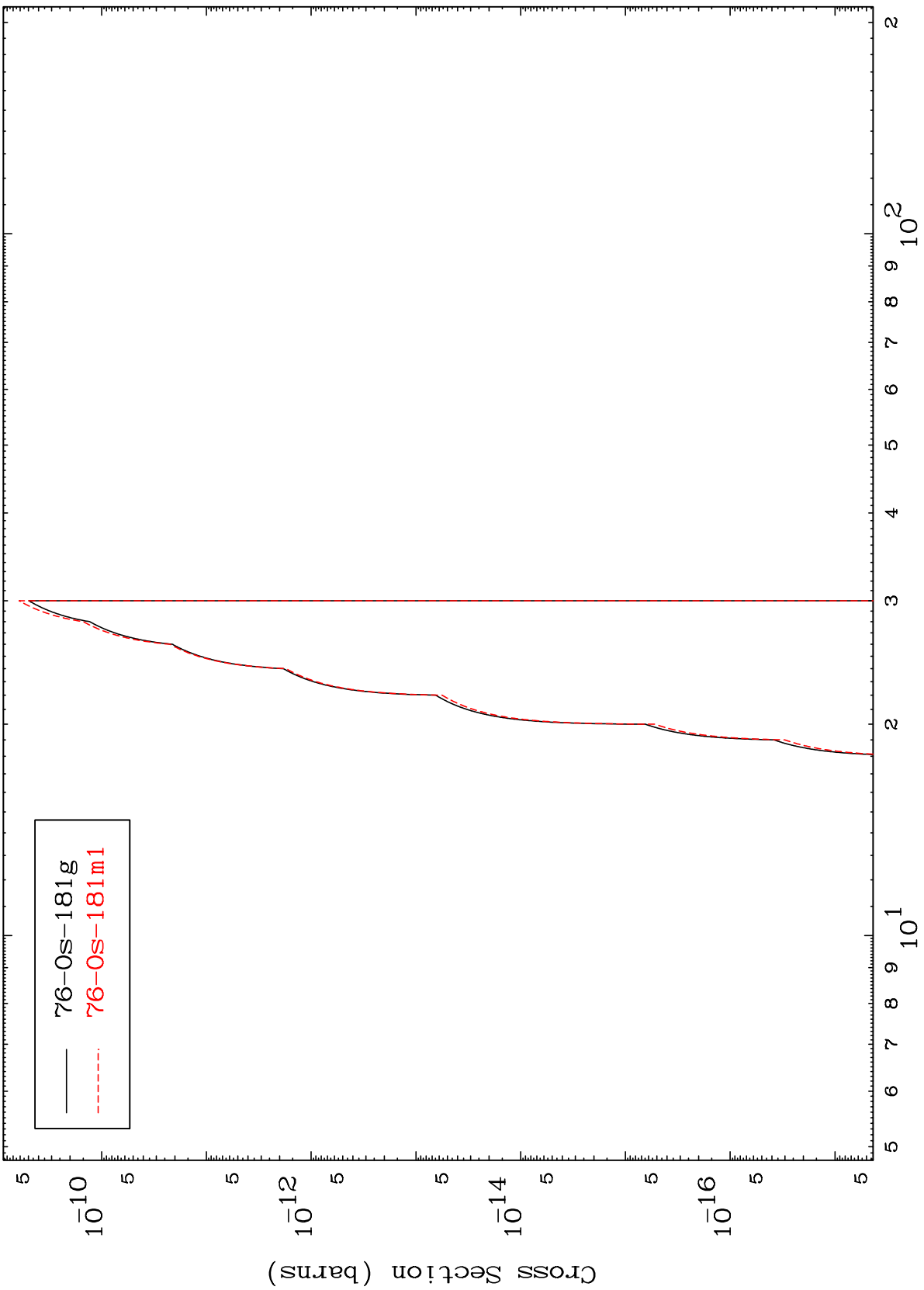
79-Au-187

MAT 7895

$(\gamma, d) \alpha$

<sup>79</sup>Au-187

Radionuclide Production Cross Section



Legend:  
— 76-Os-181g  
- - - 76-Os-181m1

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Incident Energy (MeV)

<sup>79</sup>Au-187