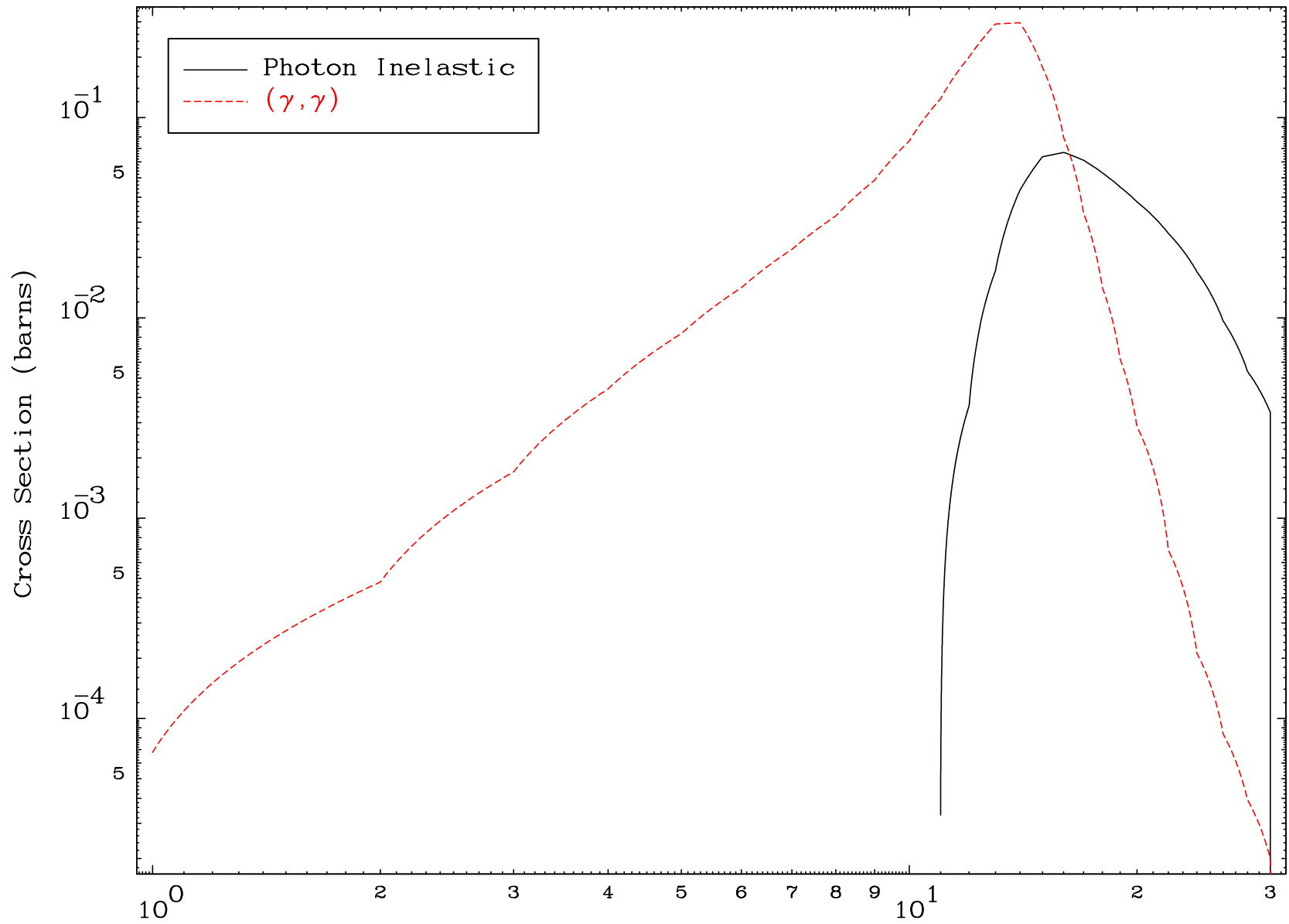


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Photon Major  
0 Kelvin Cross Sections

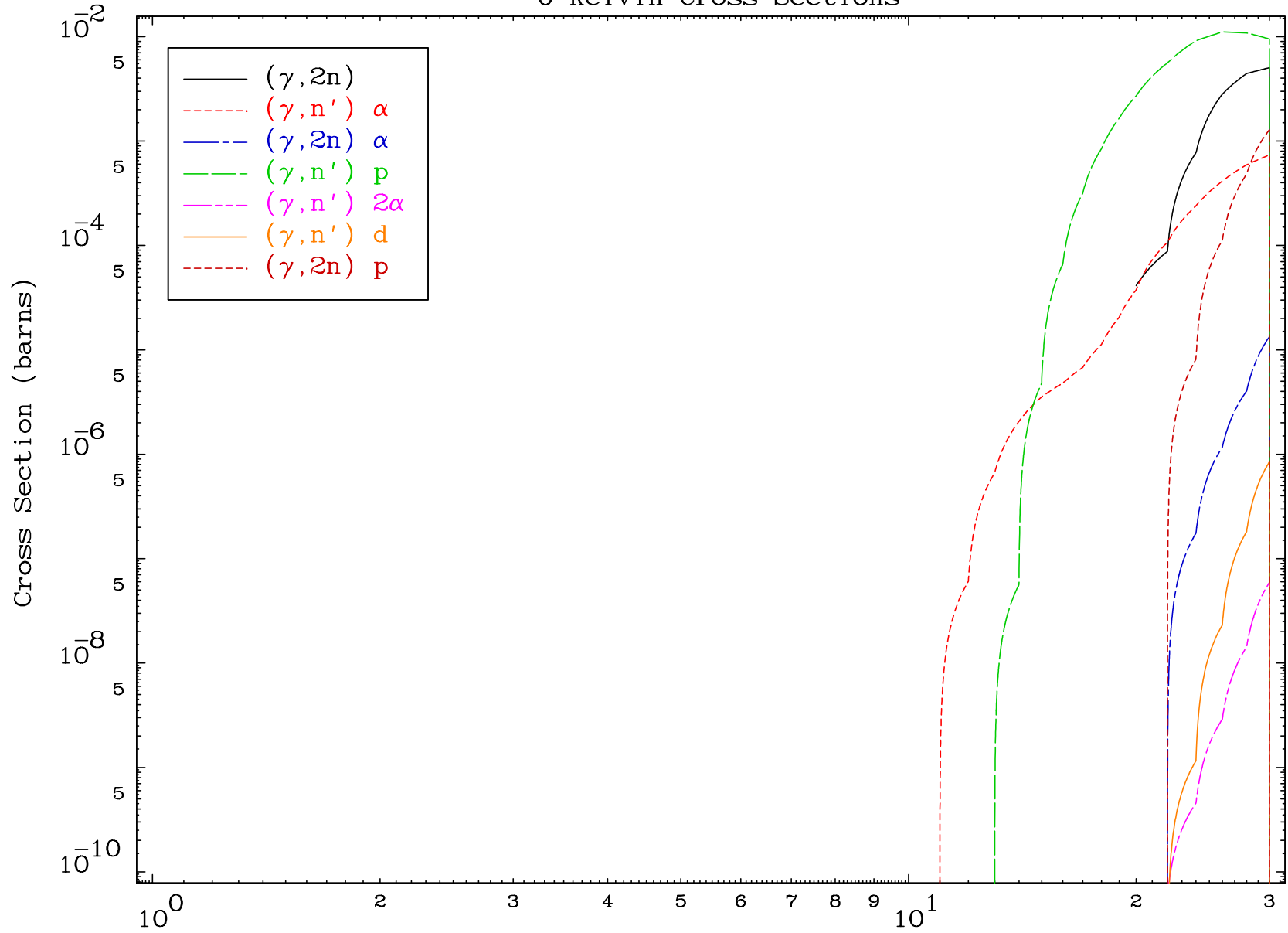
83-Bi-191

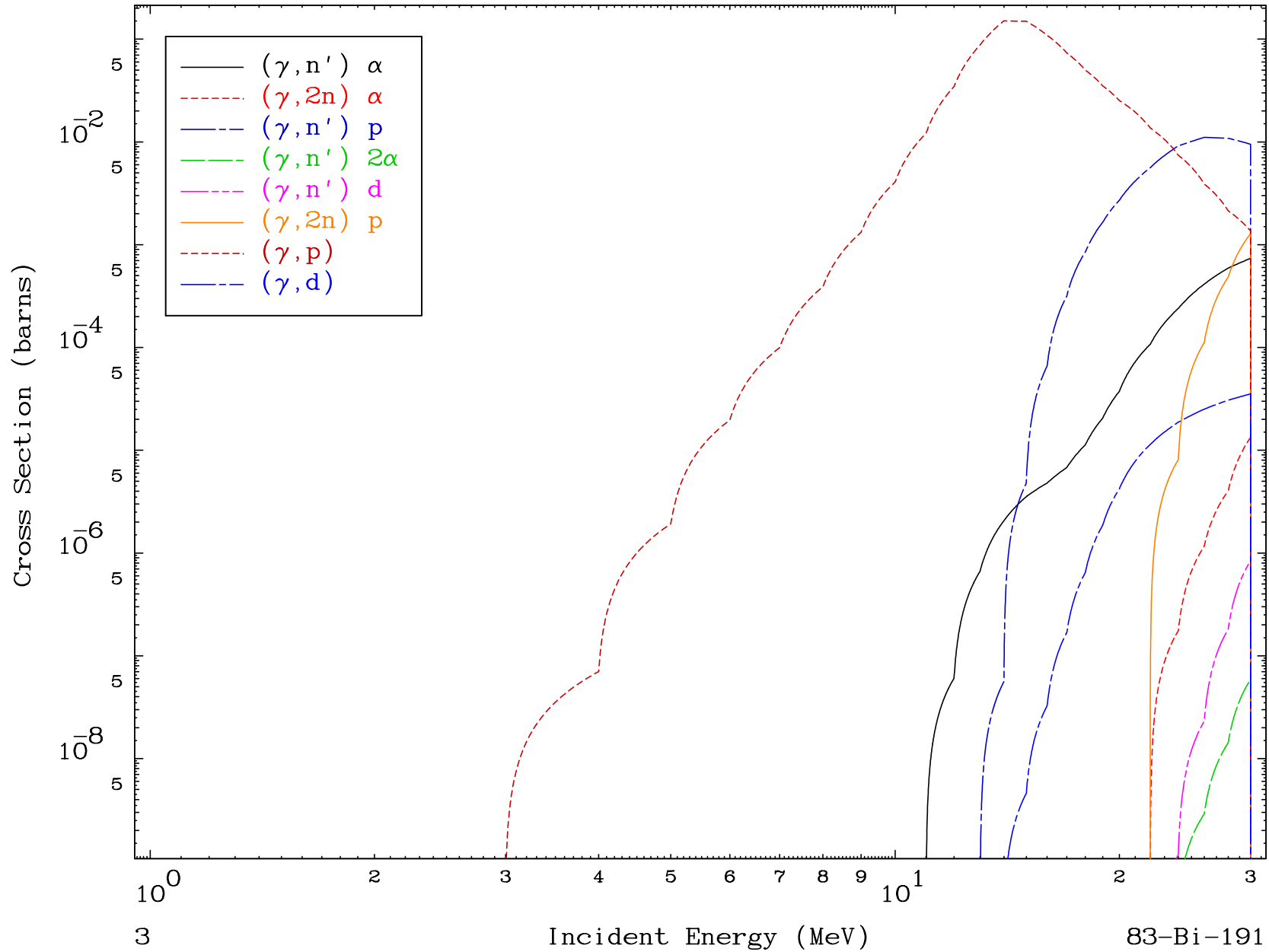


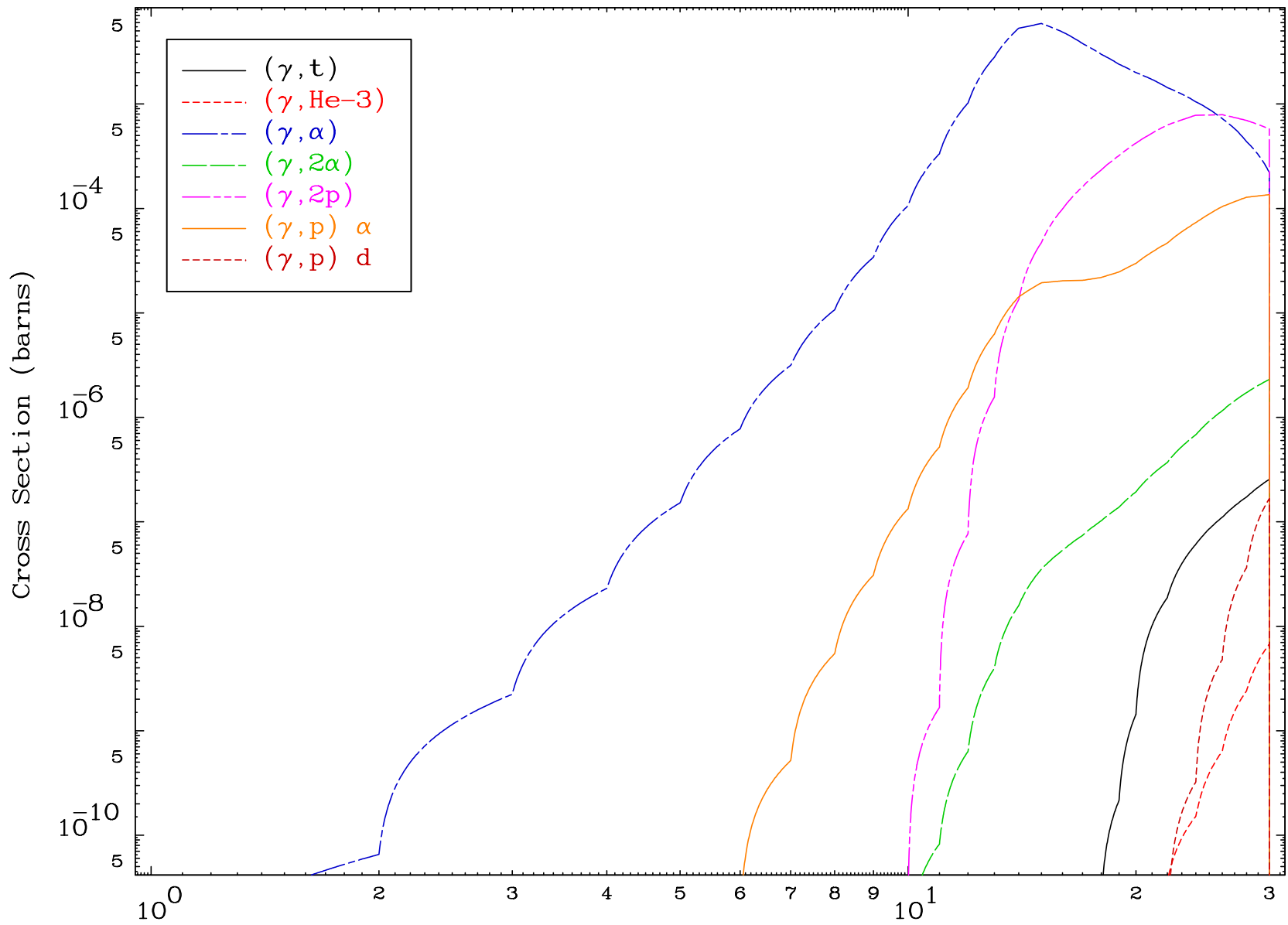
1

Incident Energy (MeV)

83-Bi-191



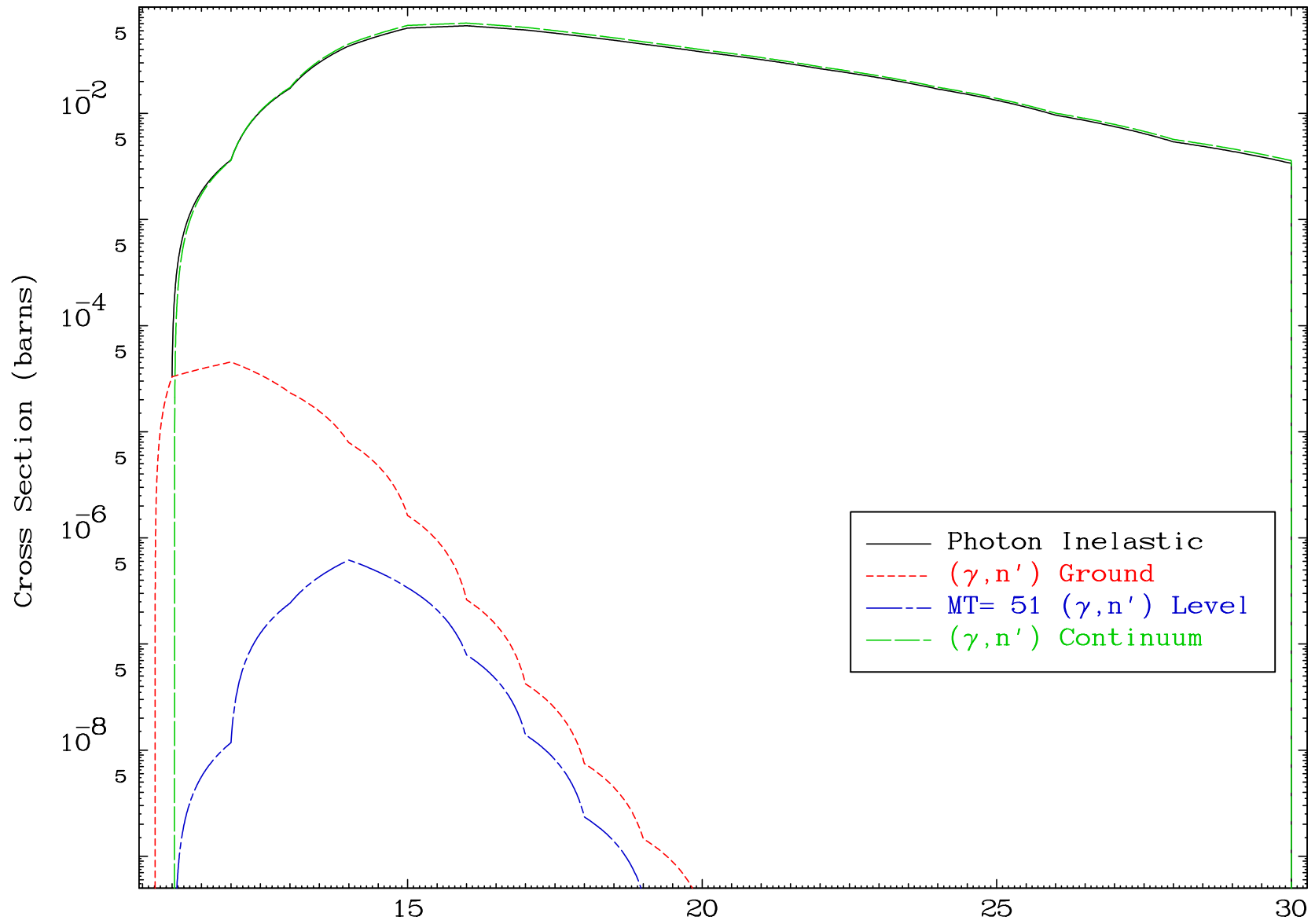




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$(\gamma, n')$  Level  
0 Kelvin Cross Sections

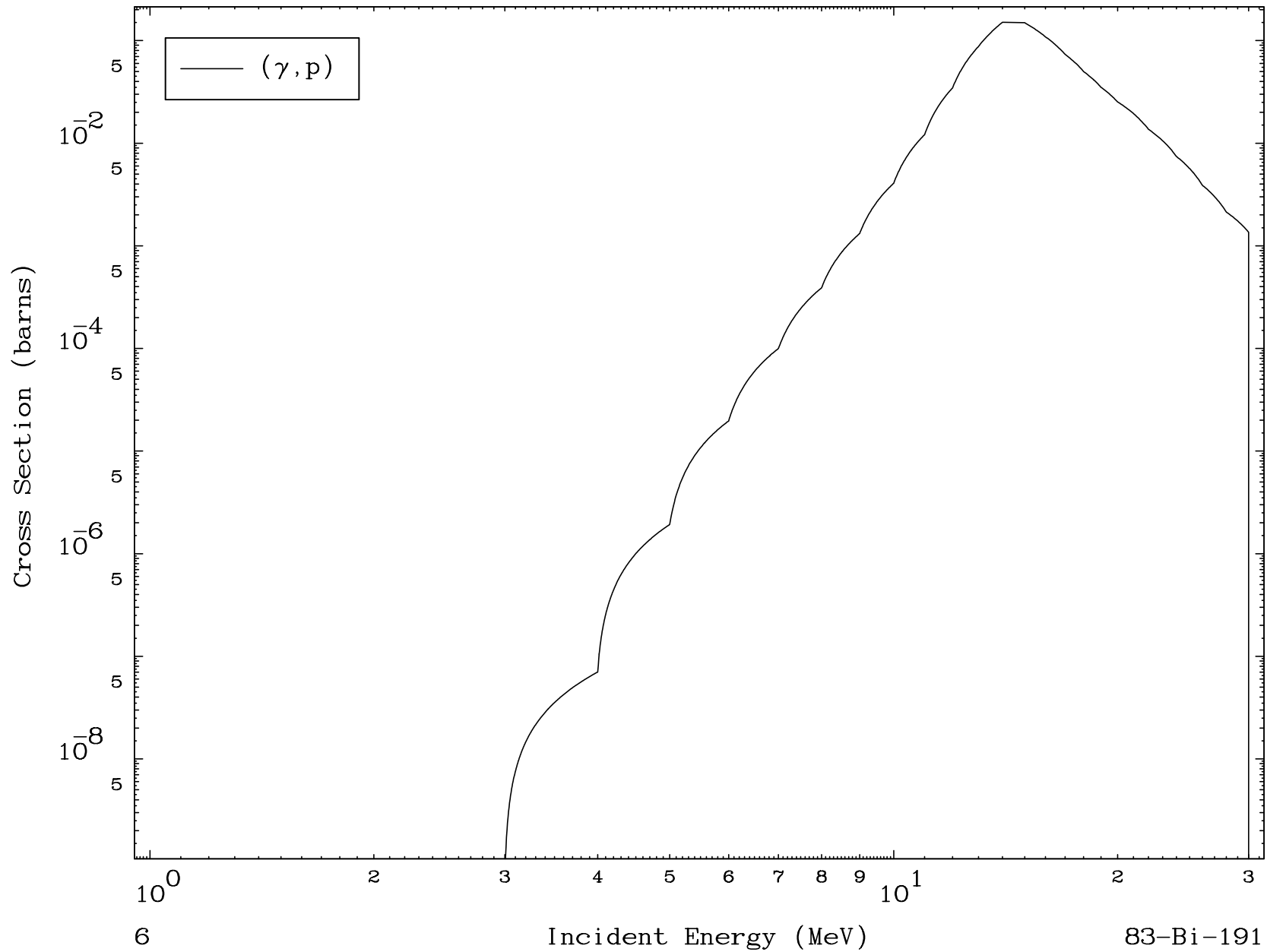
83-Bi-191

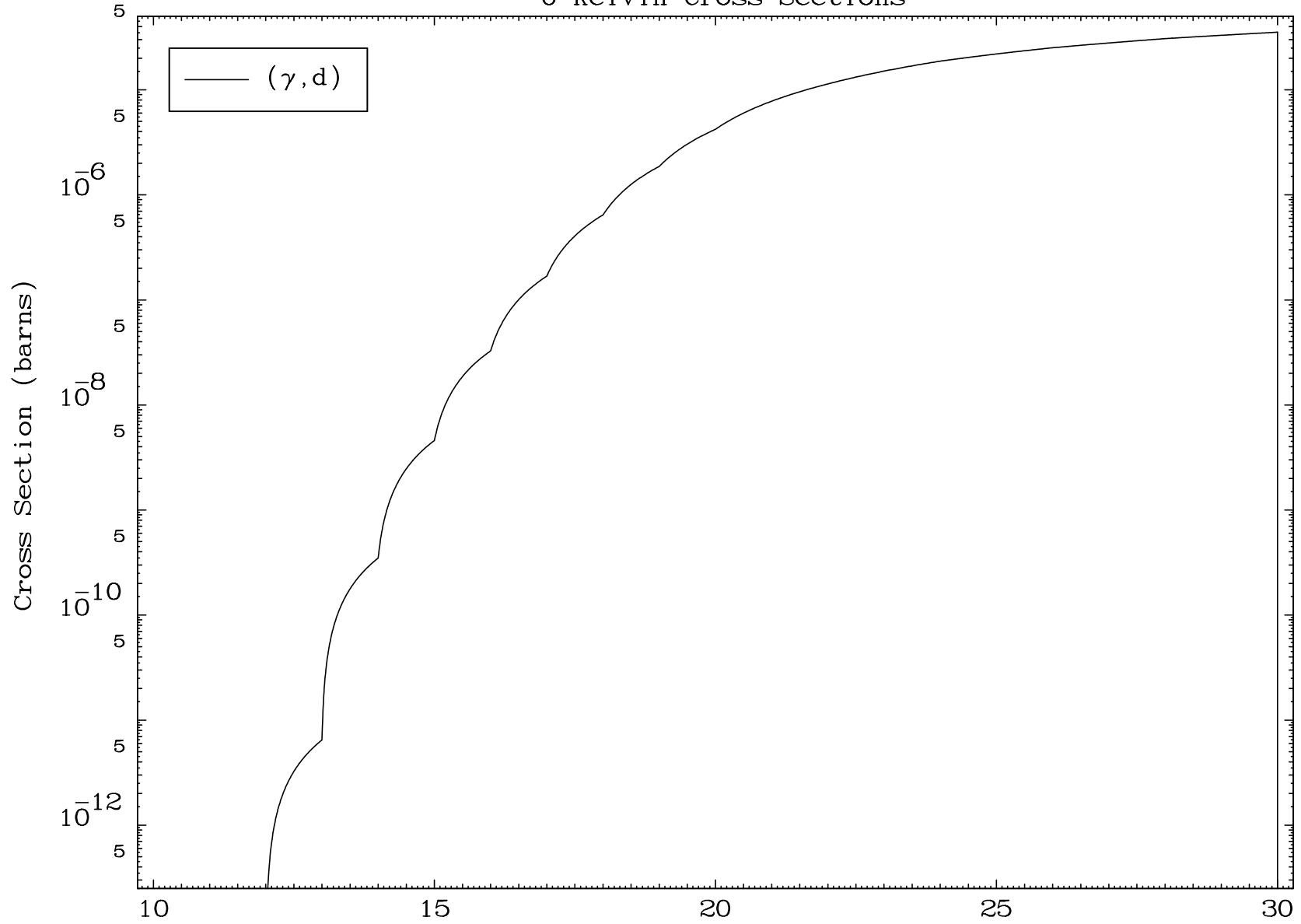


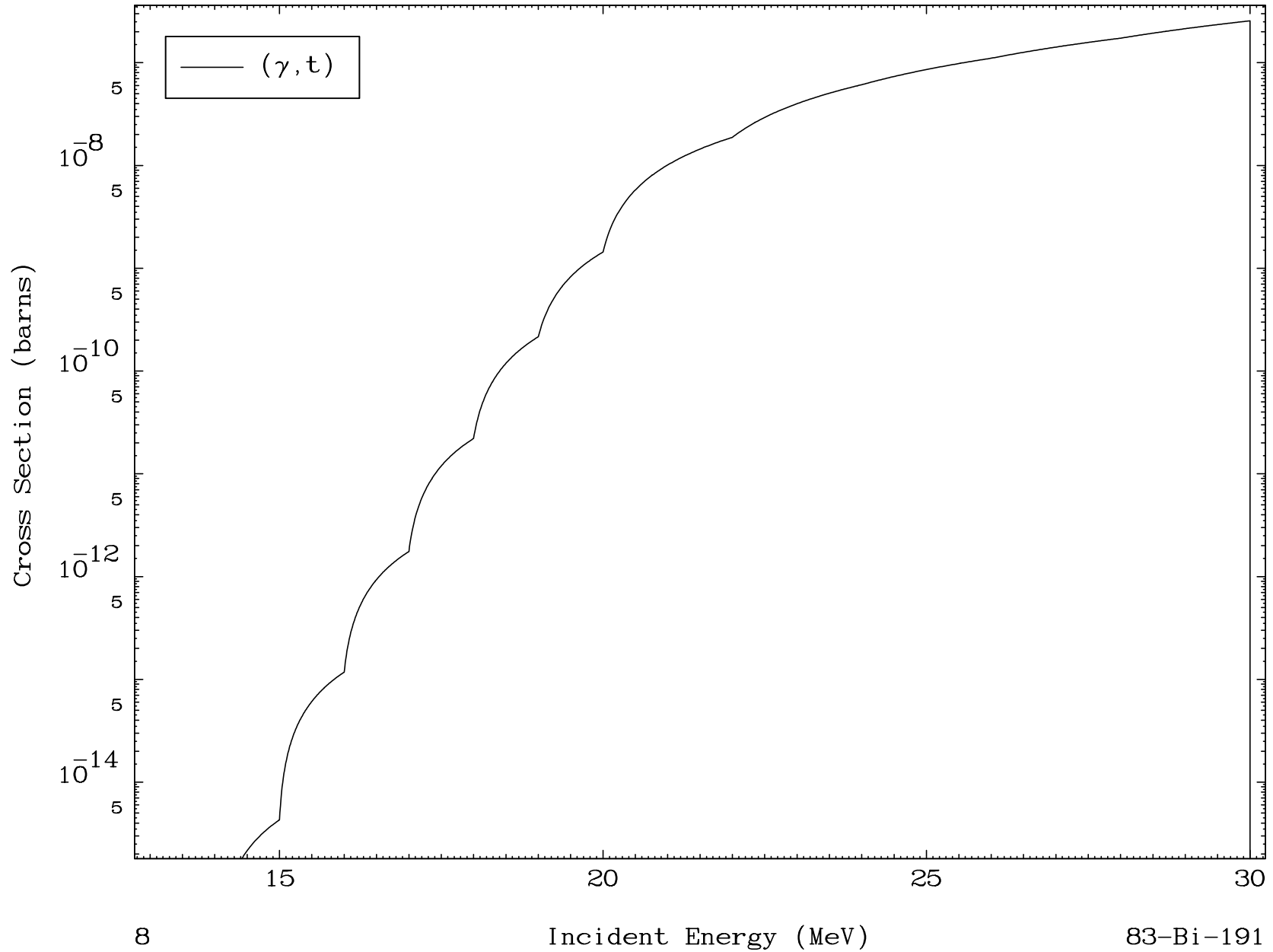
5

Incident Energy (MeV)

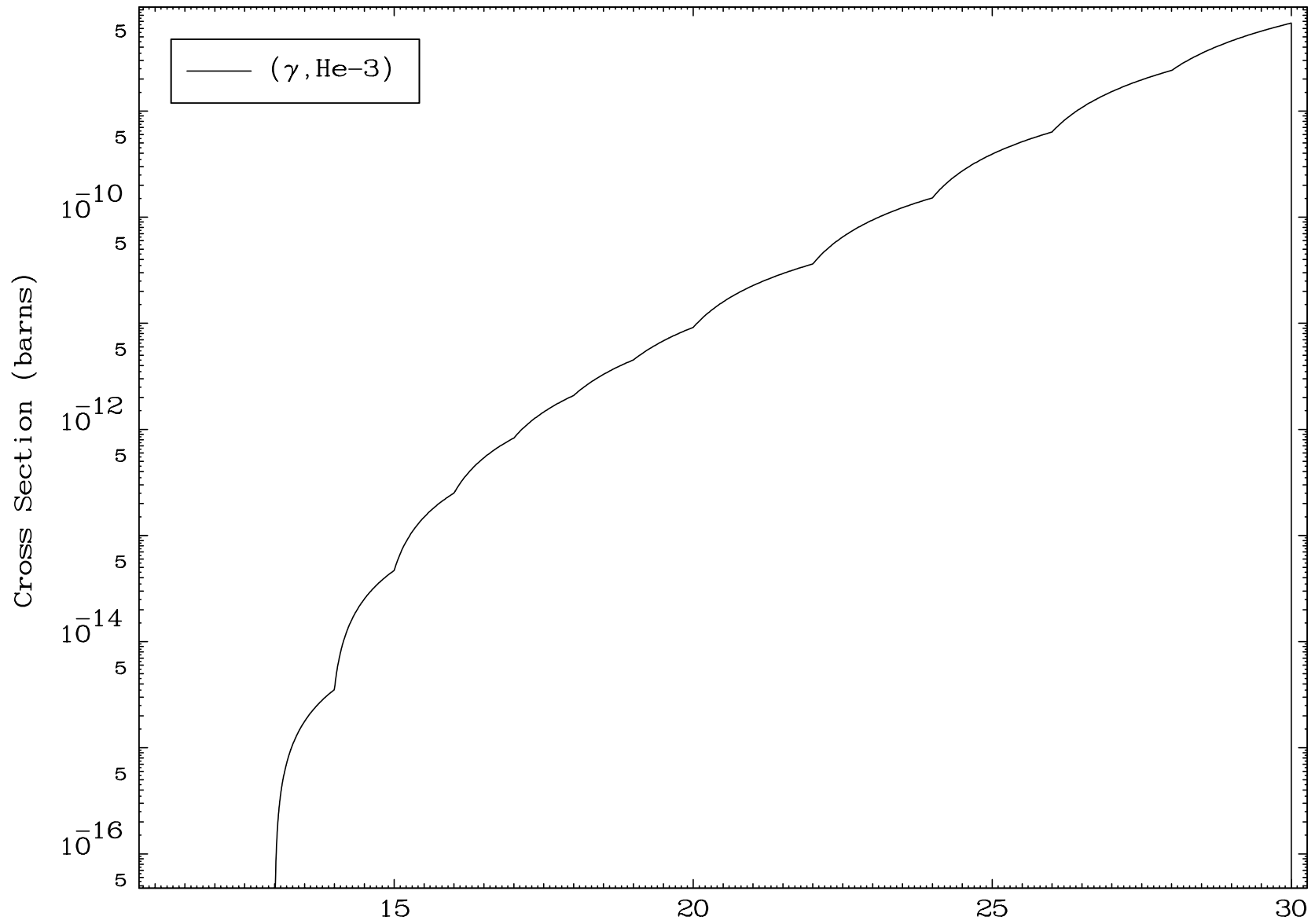
83-Bi-191







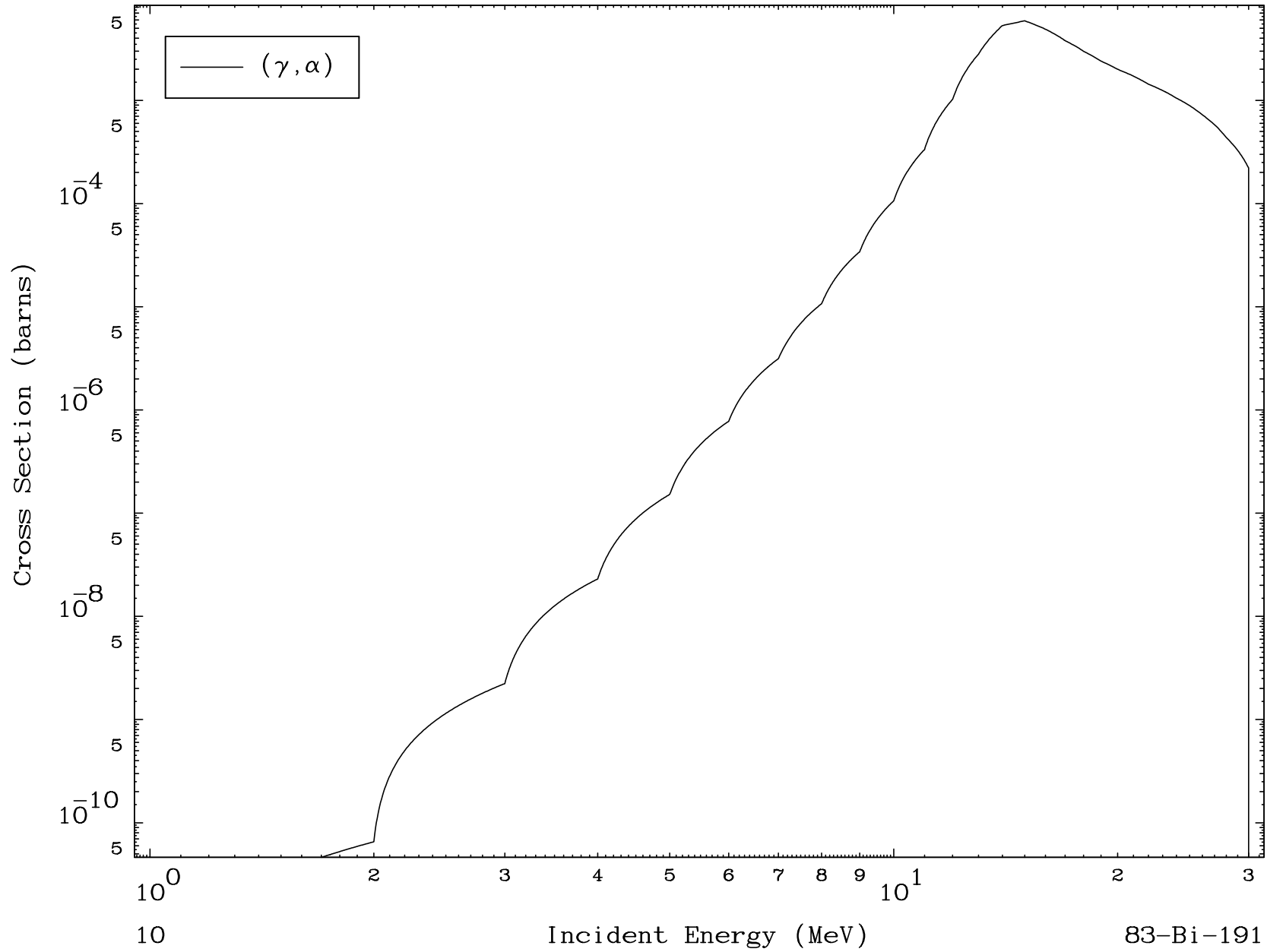




MAT 8271

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

83-Bi-191



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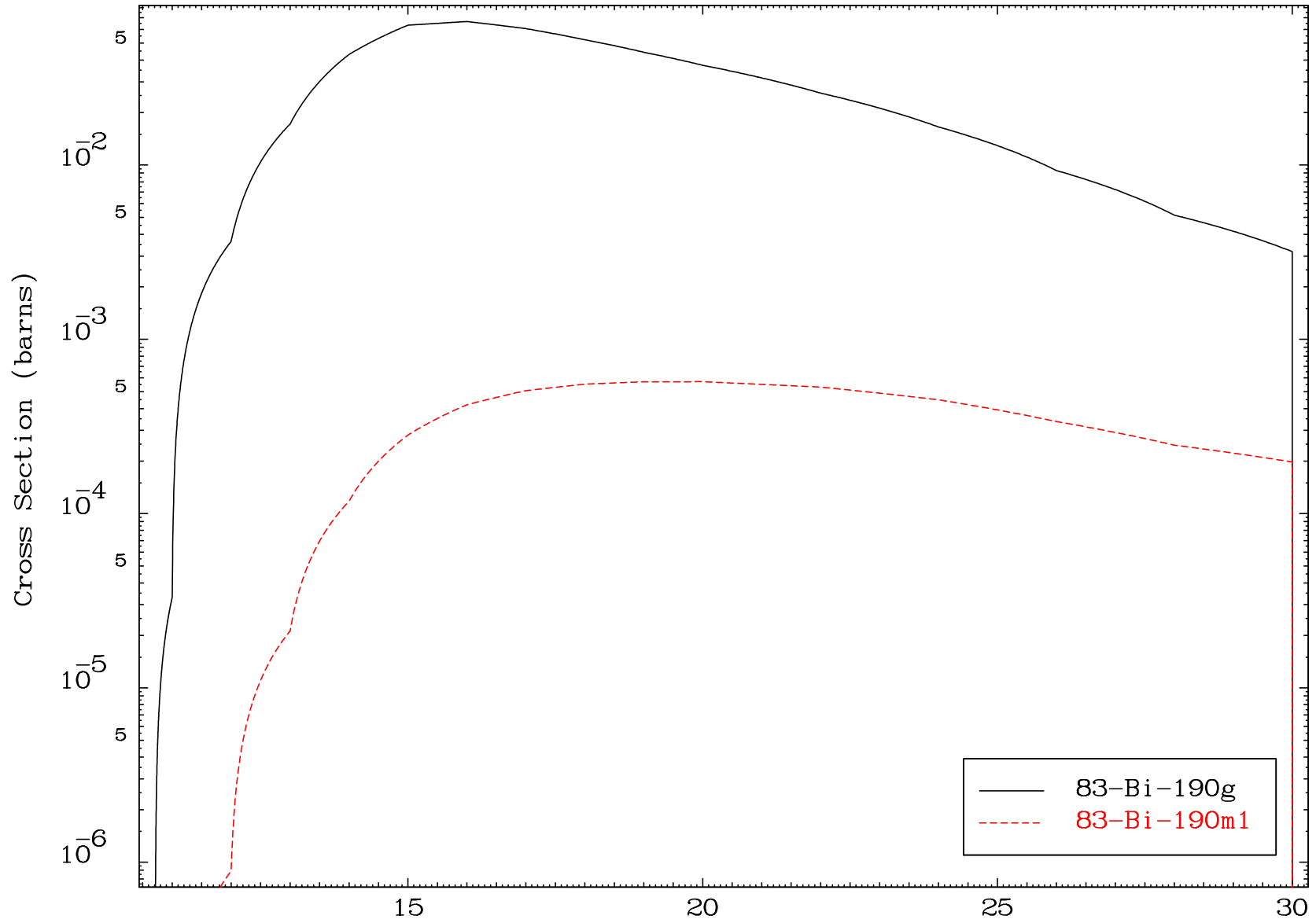
Incident Energy (MeV)

83-Bi-191

MAT 8271

Photon Inelastic  
Radionuclide Production Cross Section

83-Bi-191

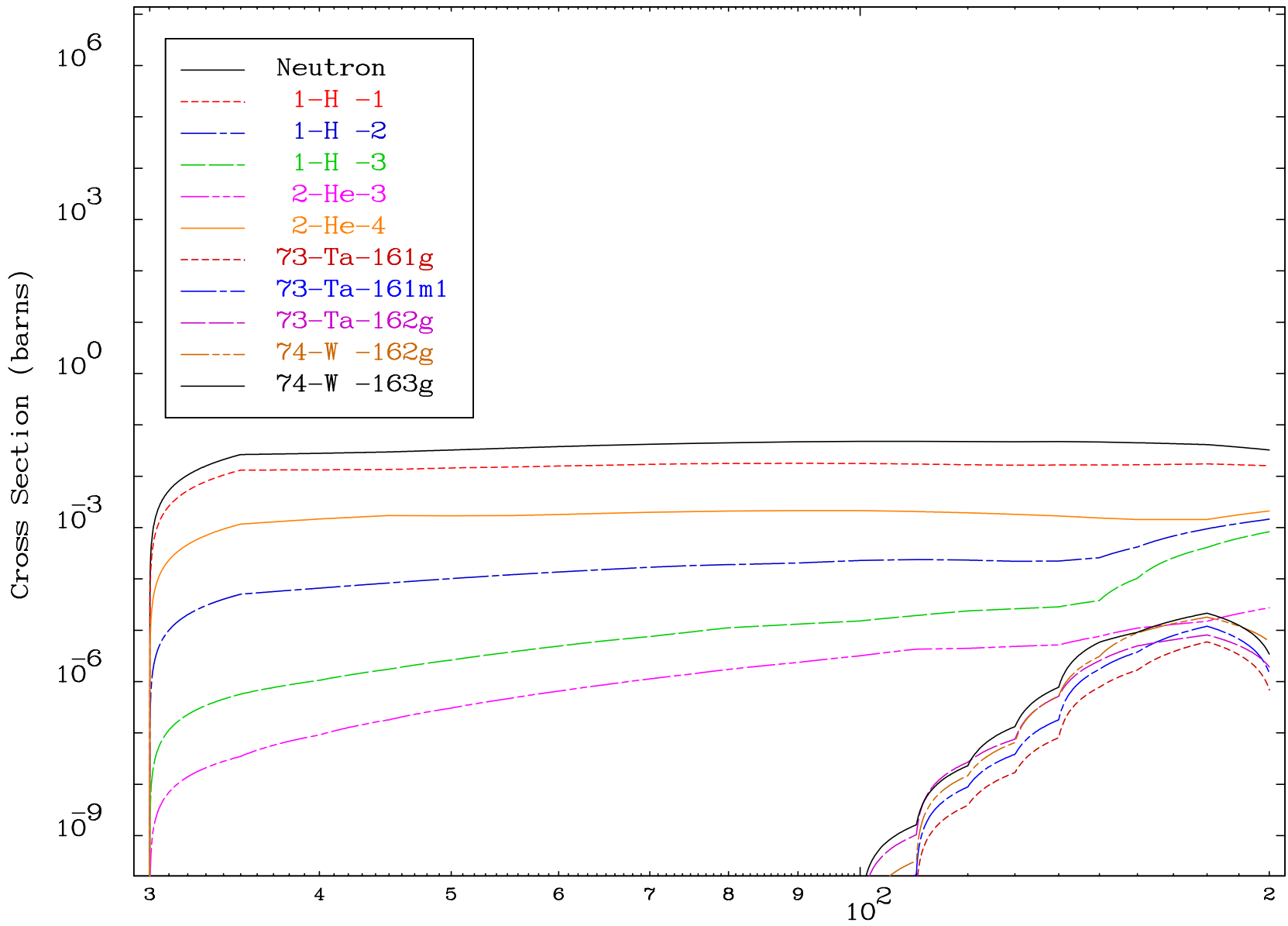


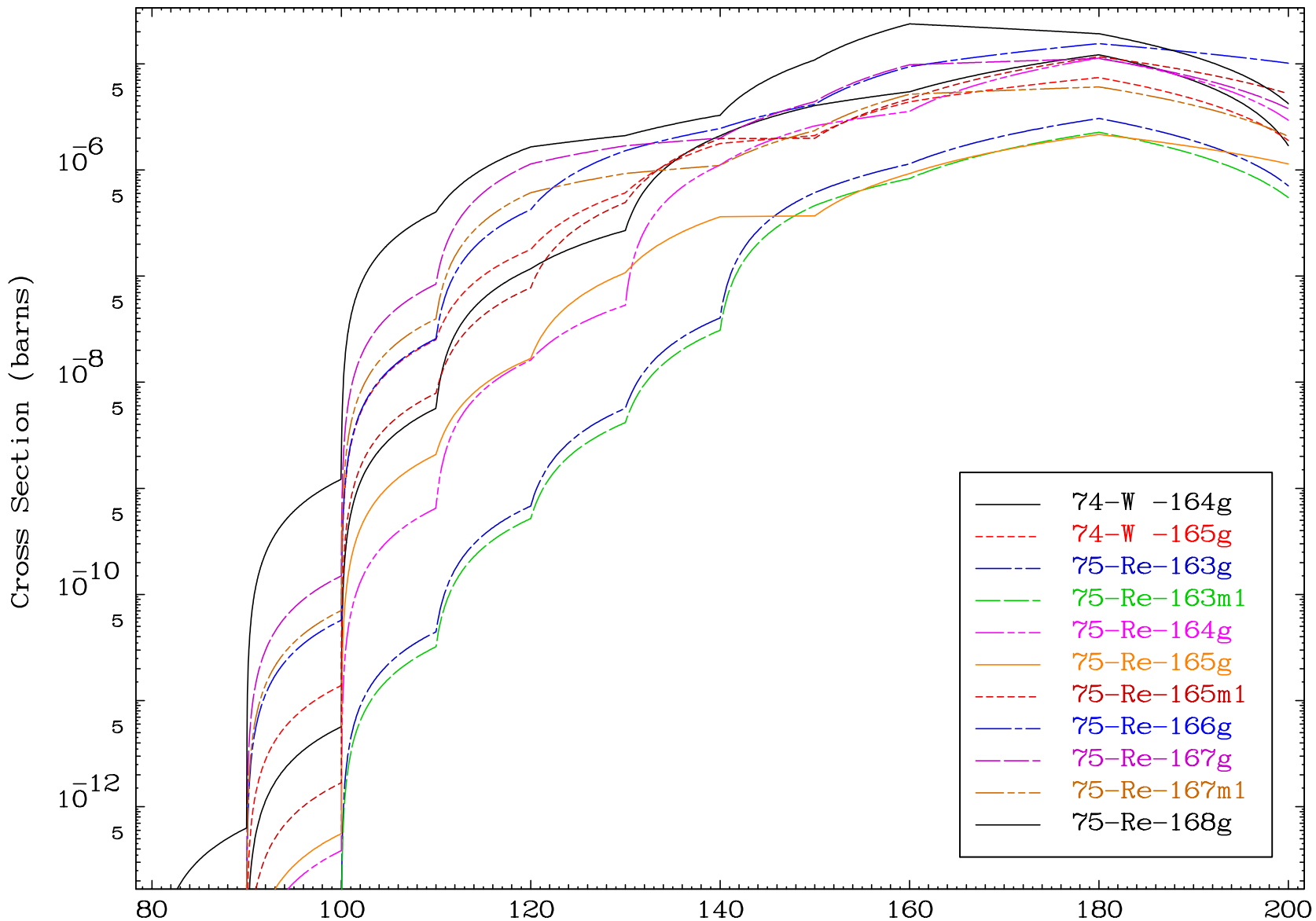
11

Incident Energy (MeV)

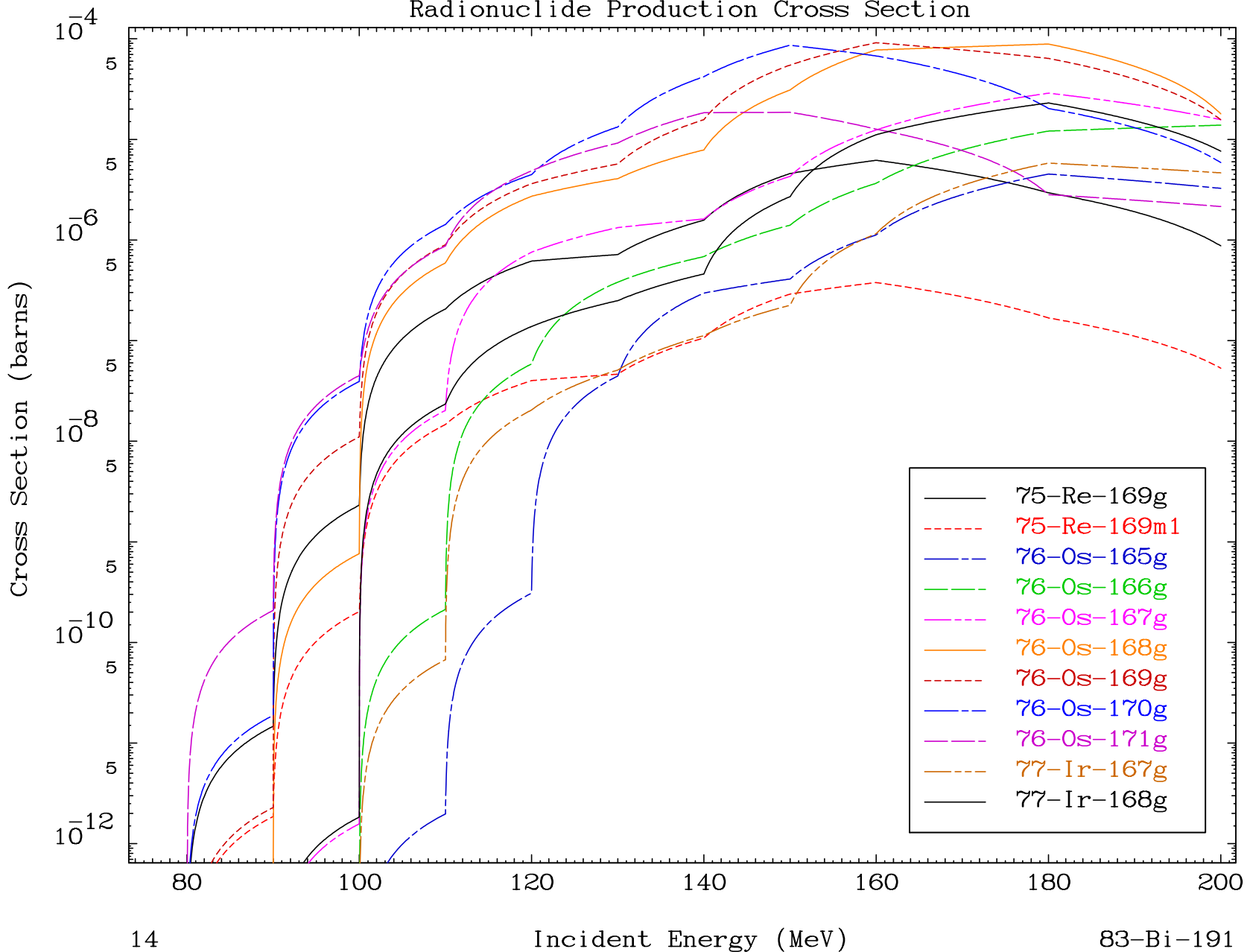
83-Bi-191

Radionuclide Production Cross Section





Radionuclide Production Cross Section

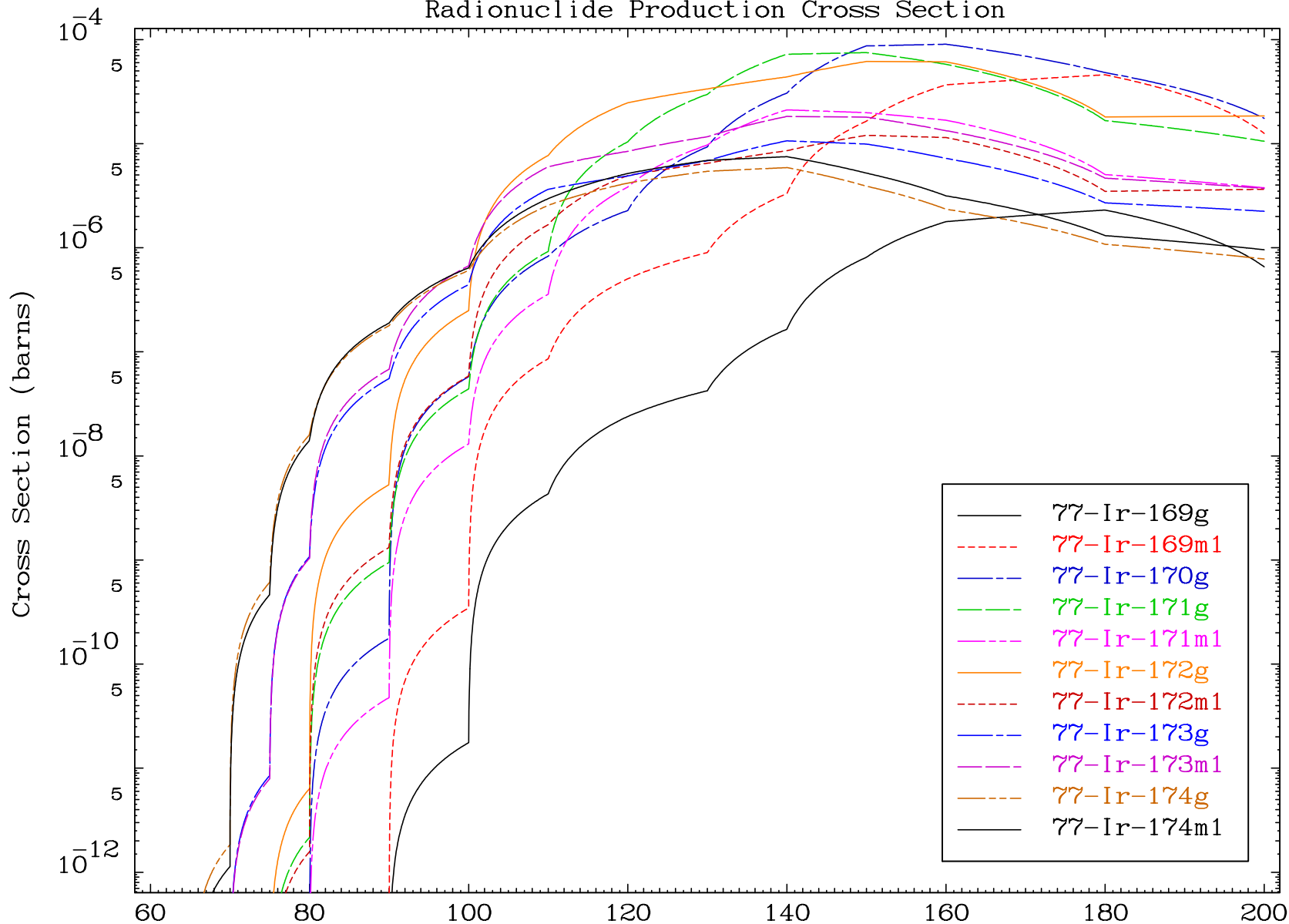


MAT 8271

( $\gamma$ , remainder)

83-Bi-191

### Radionuclide Production Cross Section

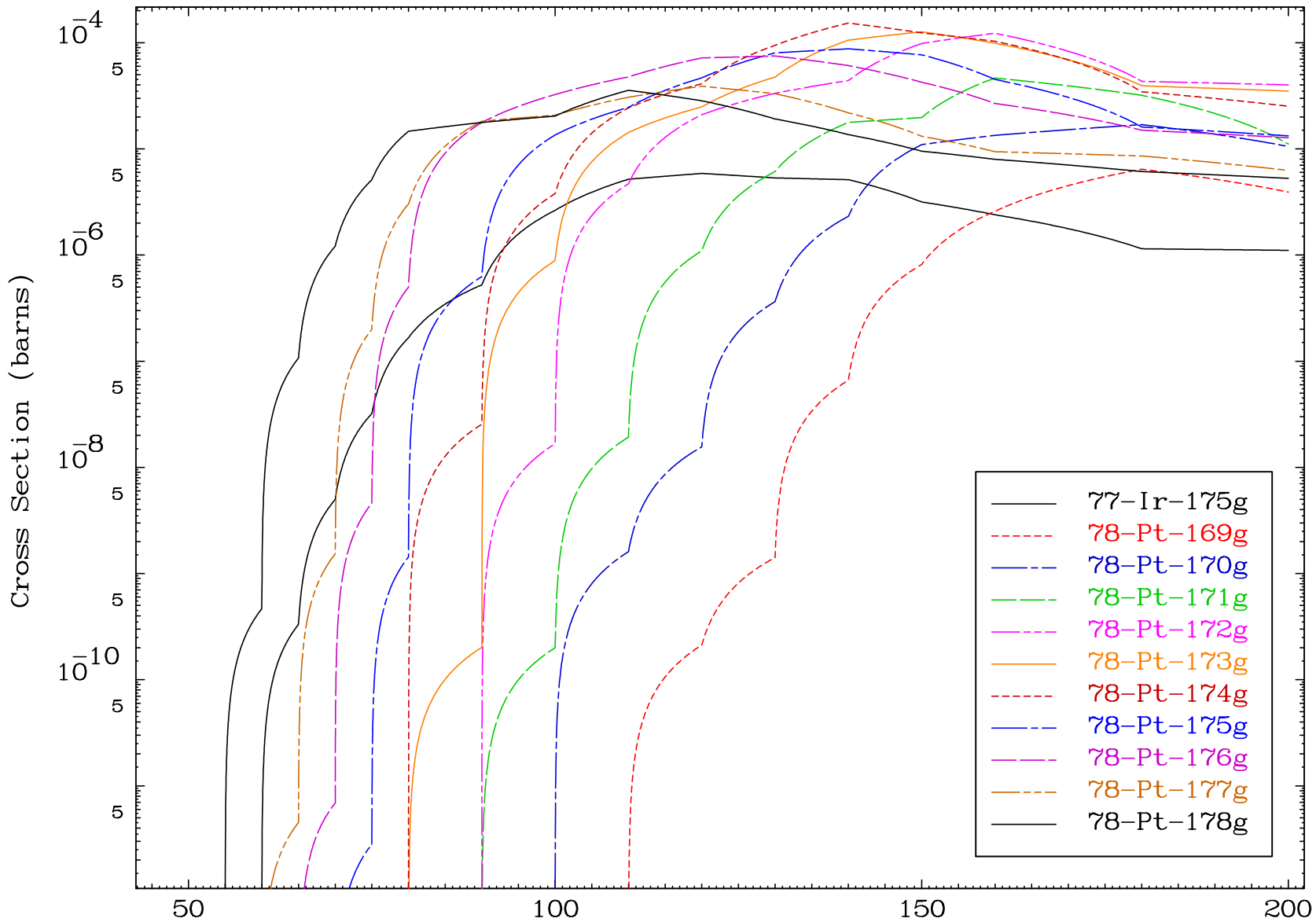


15

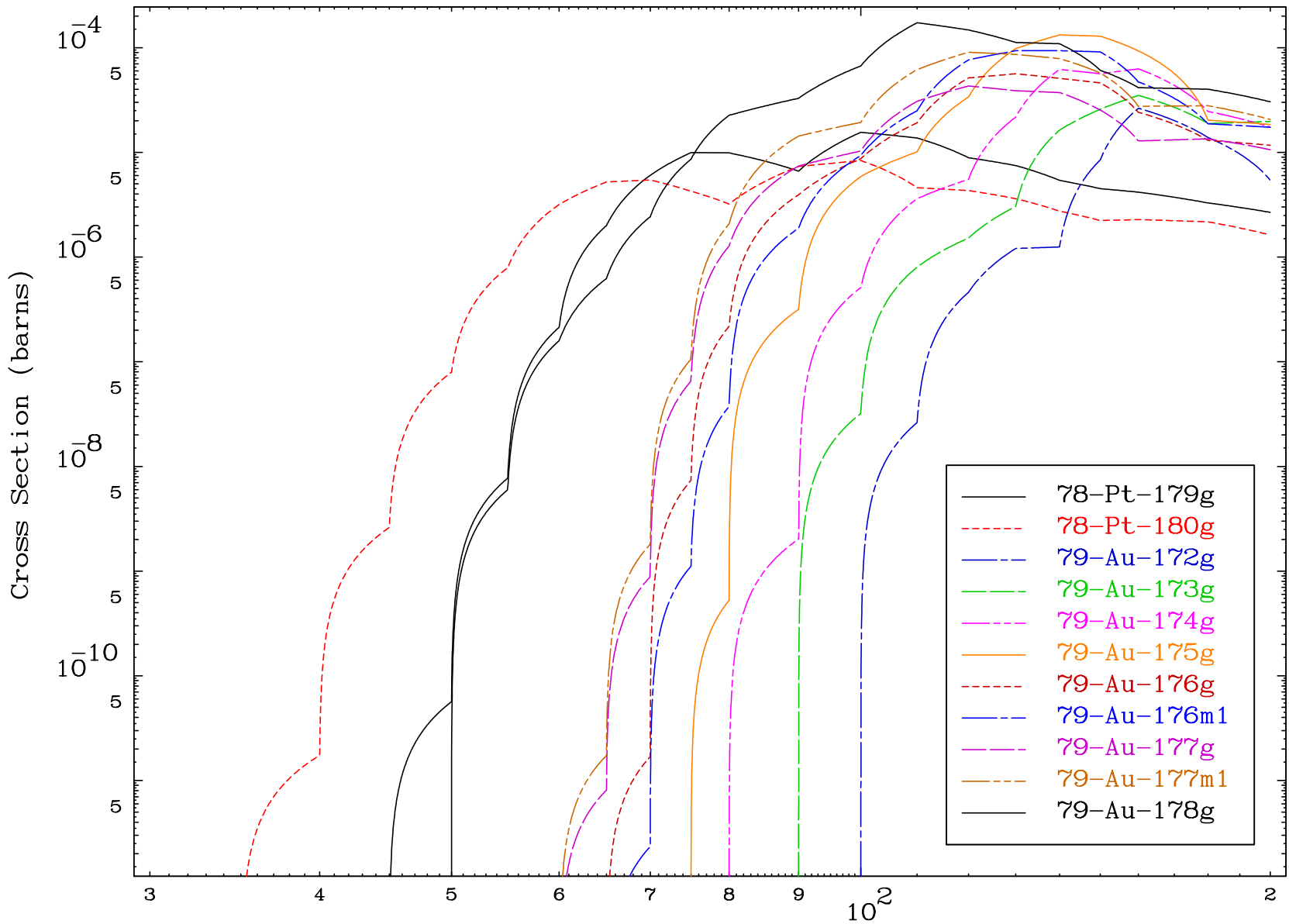
Incident Energy (MeV)

83-Bi-191

Radionuclide Production Cross Section



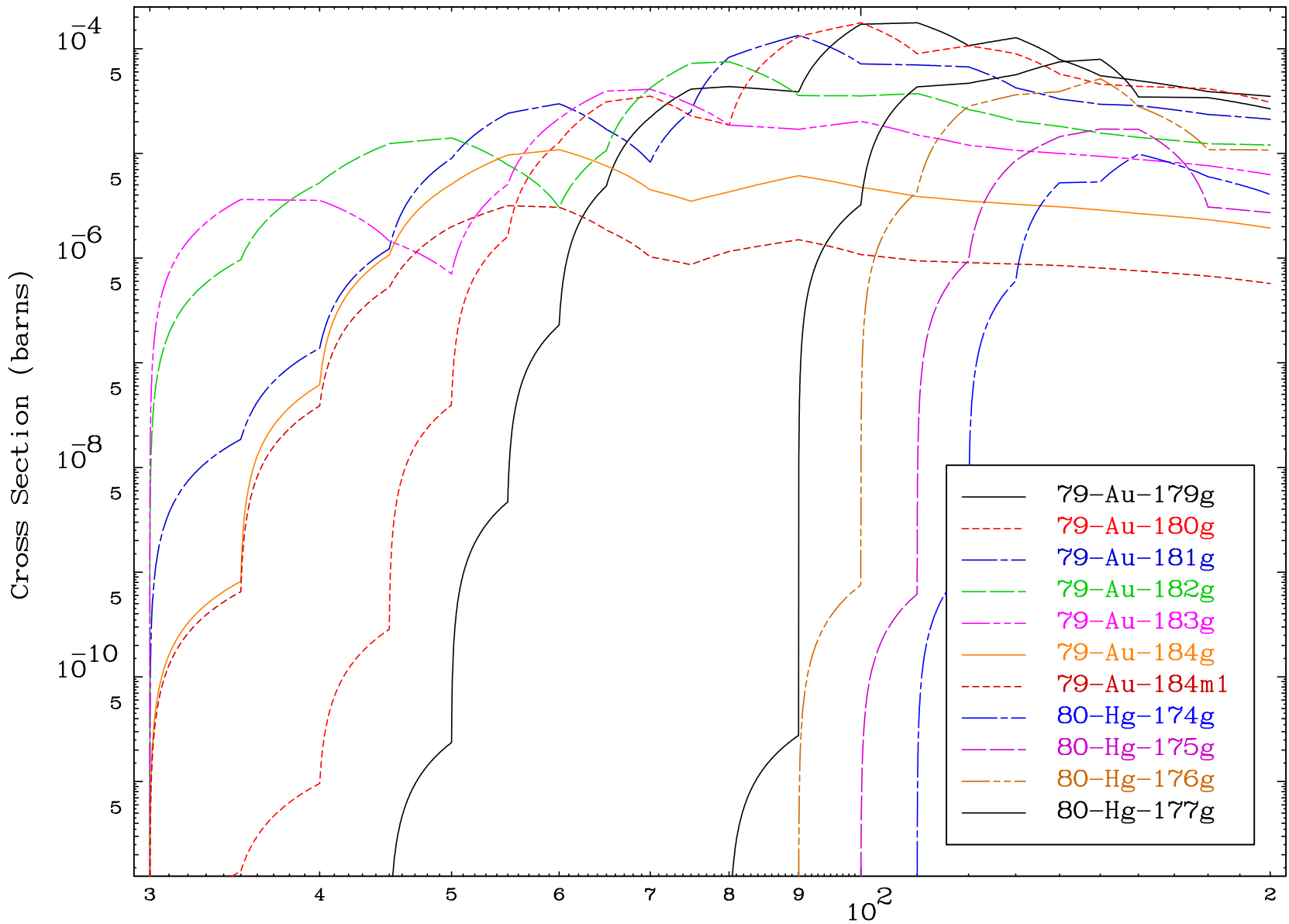




MAT 8271

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

83-Bi-191



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Incident Energy (MeV)

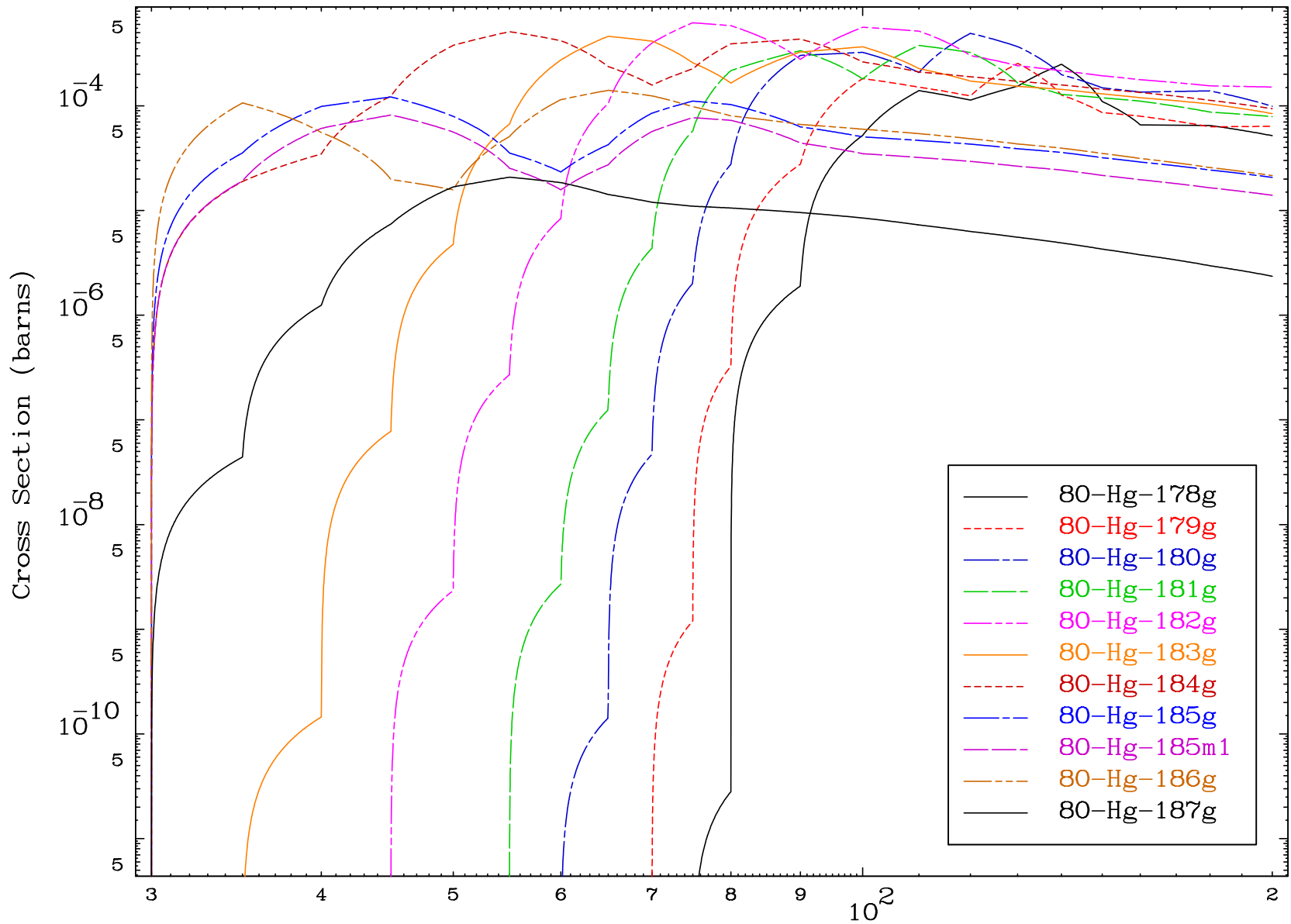
83-Bi-191

MAT 8271

( $\gamma$ , remainder)

83-Bi-191

### Radionuclide Production Cross Section



19

Incident Energy (MeV)

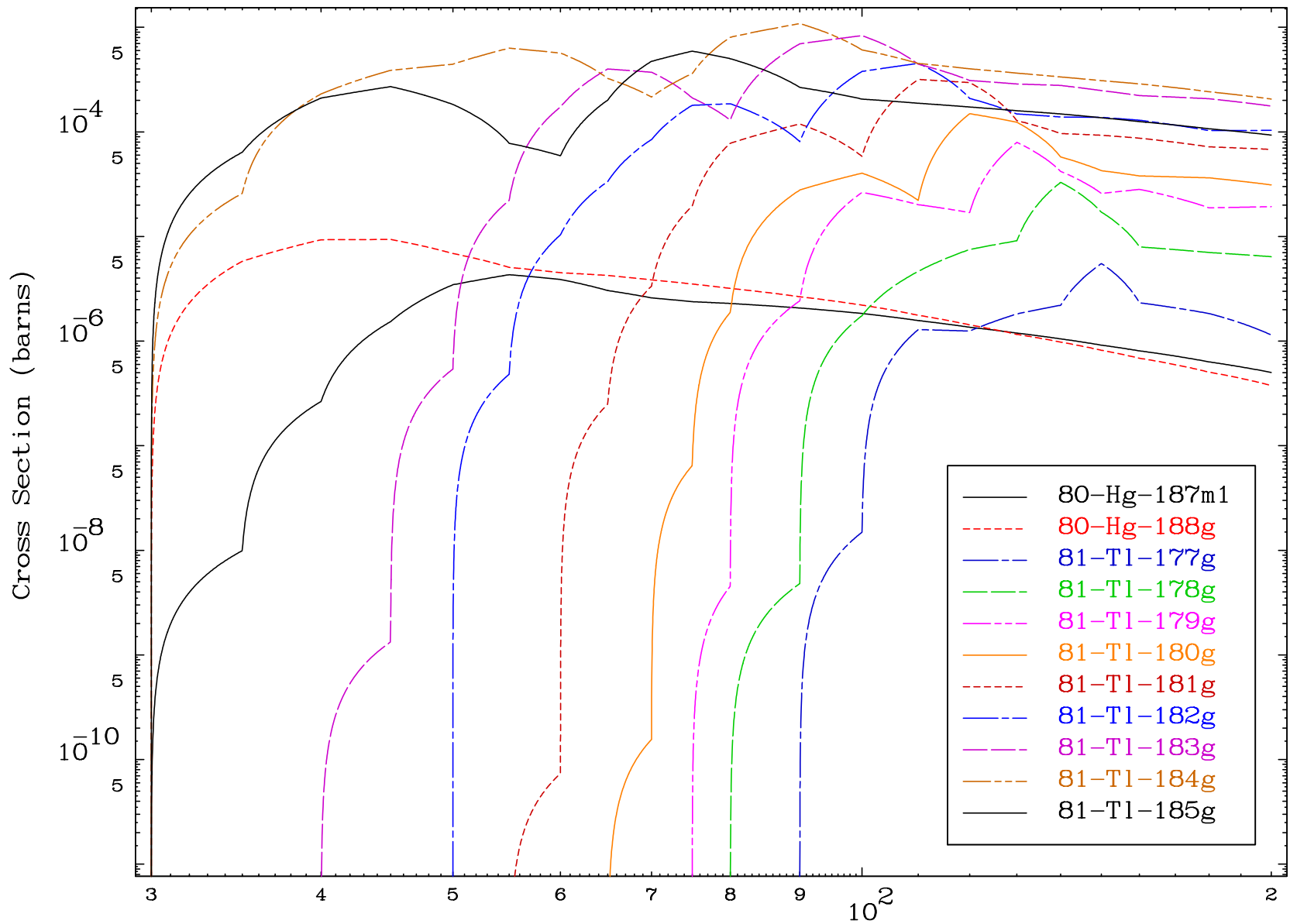
83-Bi-191

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( $\gamma$ , remainder)

83-Bi-191

### Radionuclide Production Cross Section



20

Incident Energy (MeV)

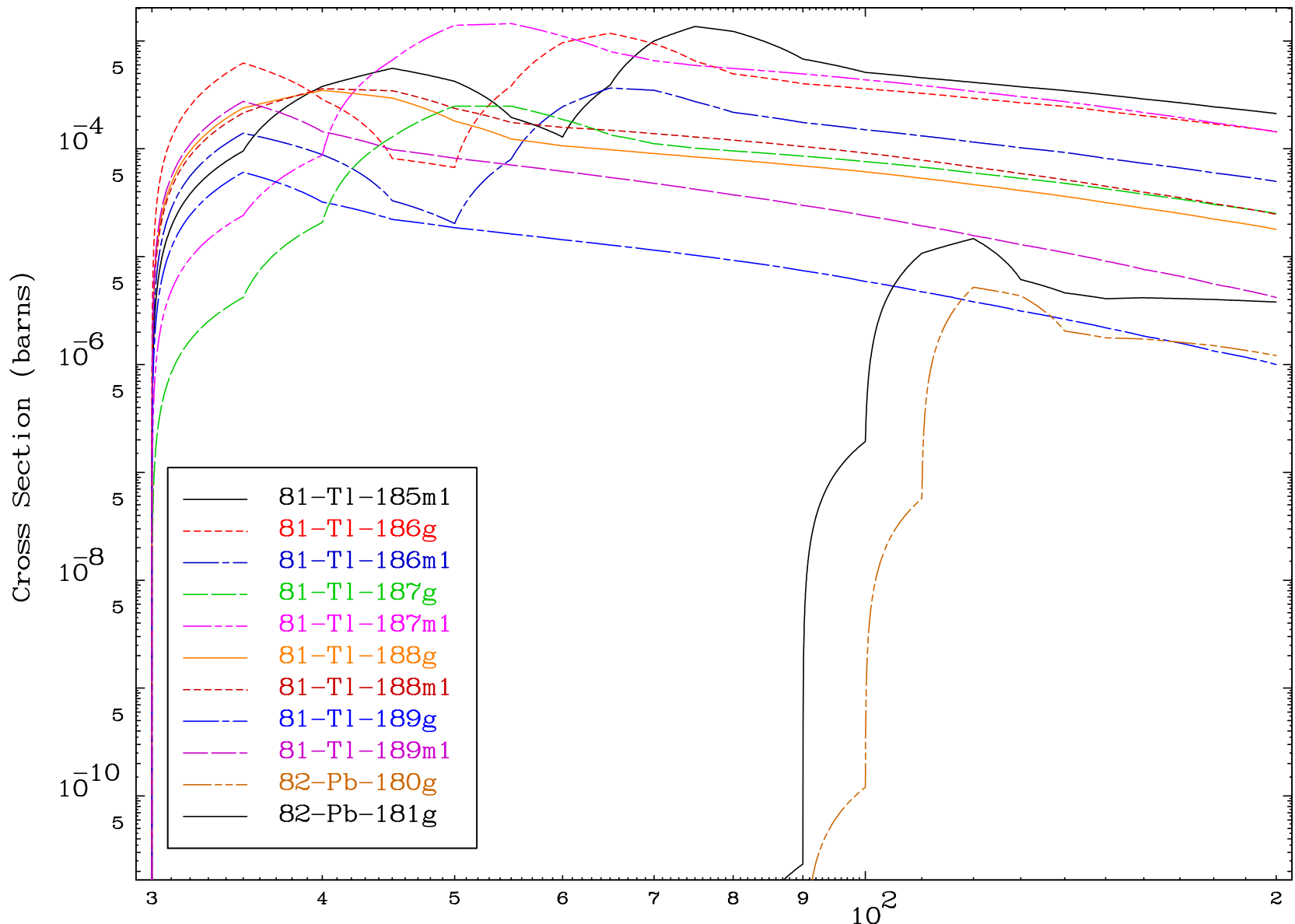
83-Bi-191

MAT 8271

( $\gamma$ , remainder)

83-Bi-191

### Radionuclide Production Cross Section



21

Incident Energy (MeV)

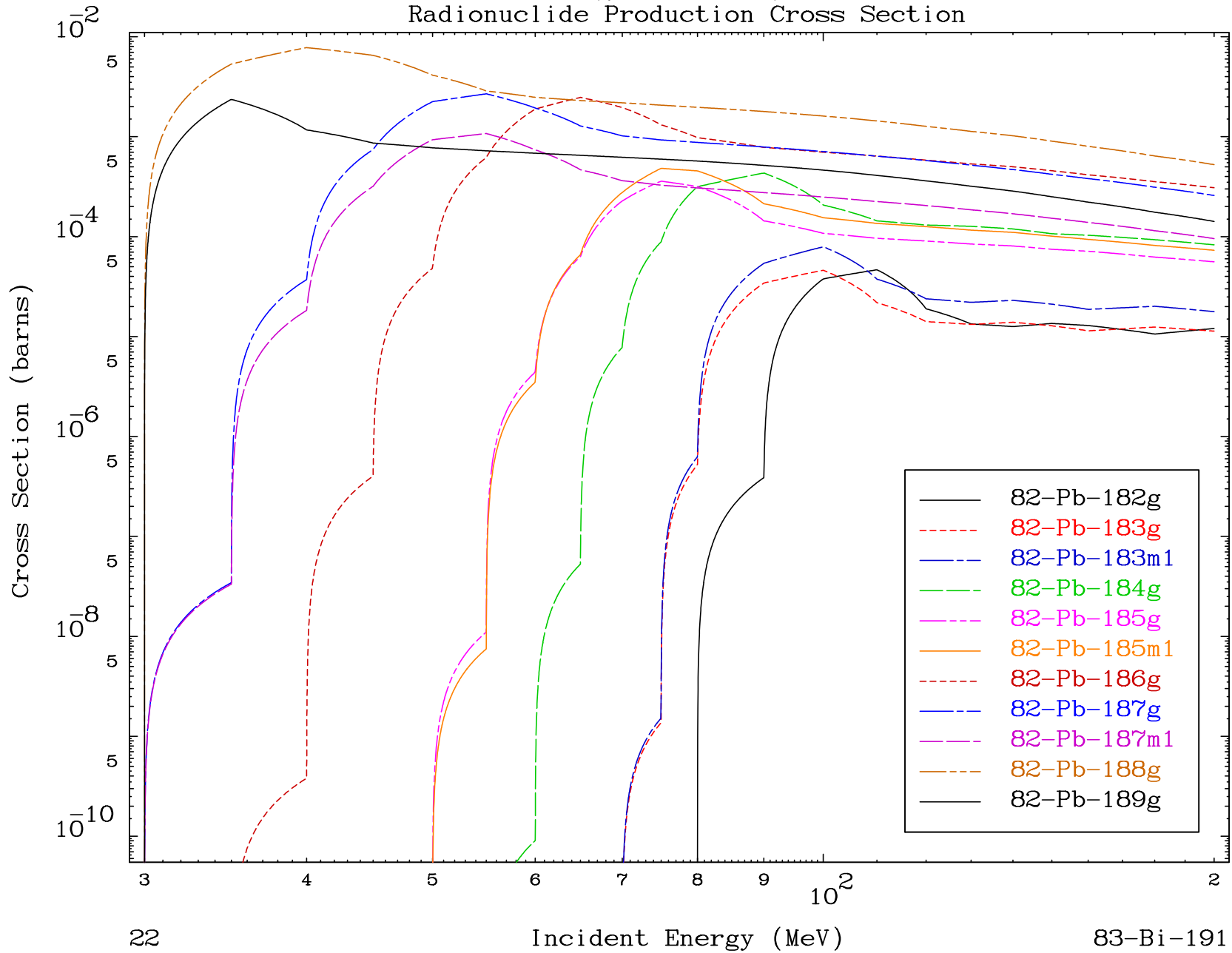
83-Bi-191

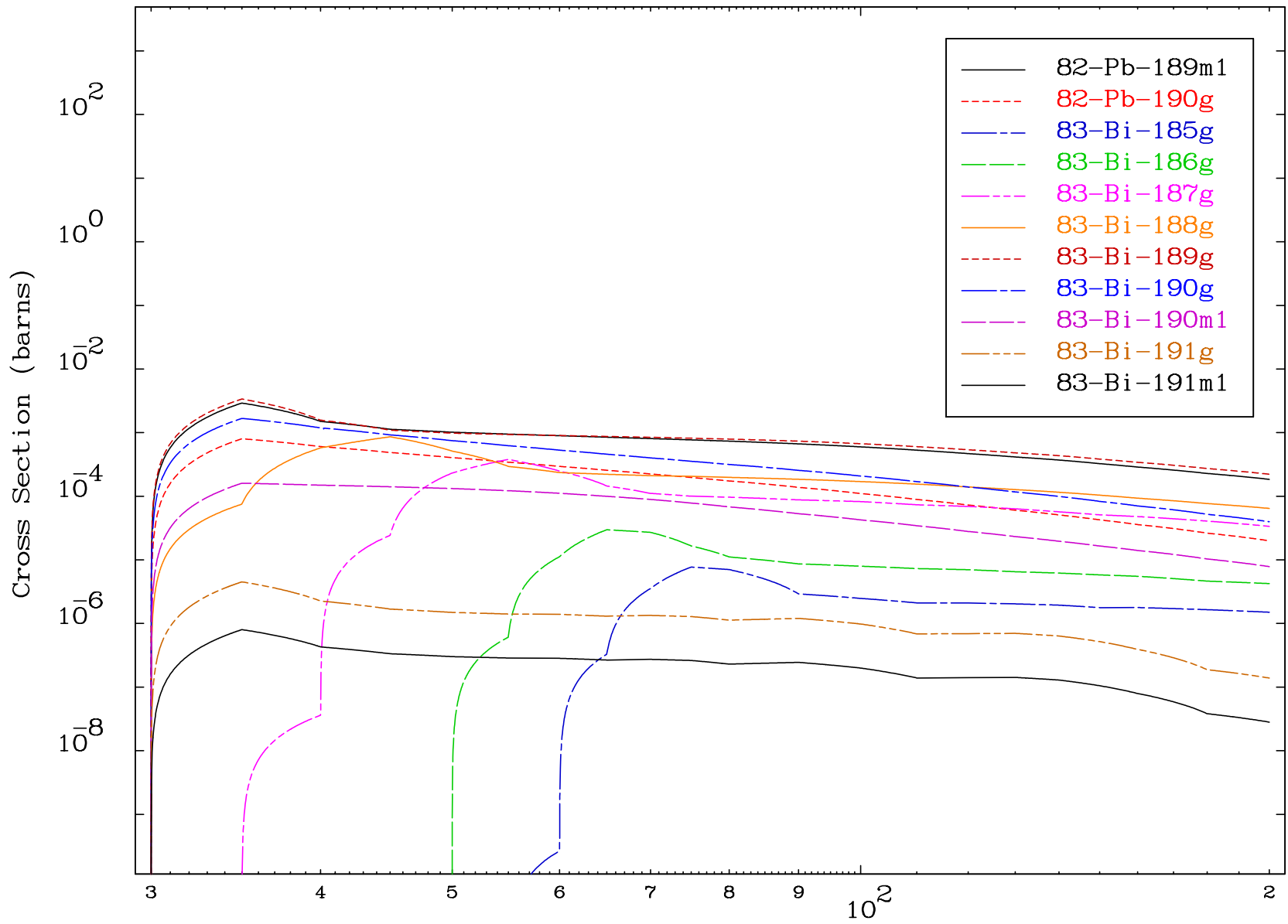
MAT 8271

( $\gamma$ , remainder)

83-Bi-191

### Radionuclide Production Cross Section



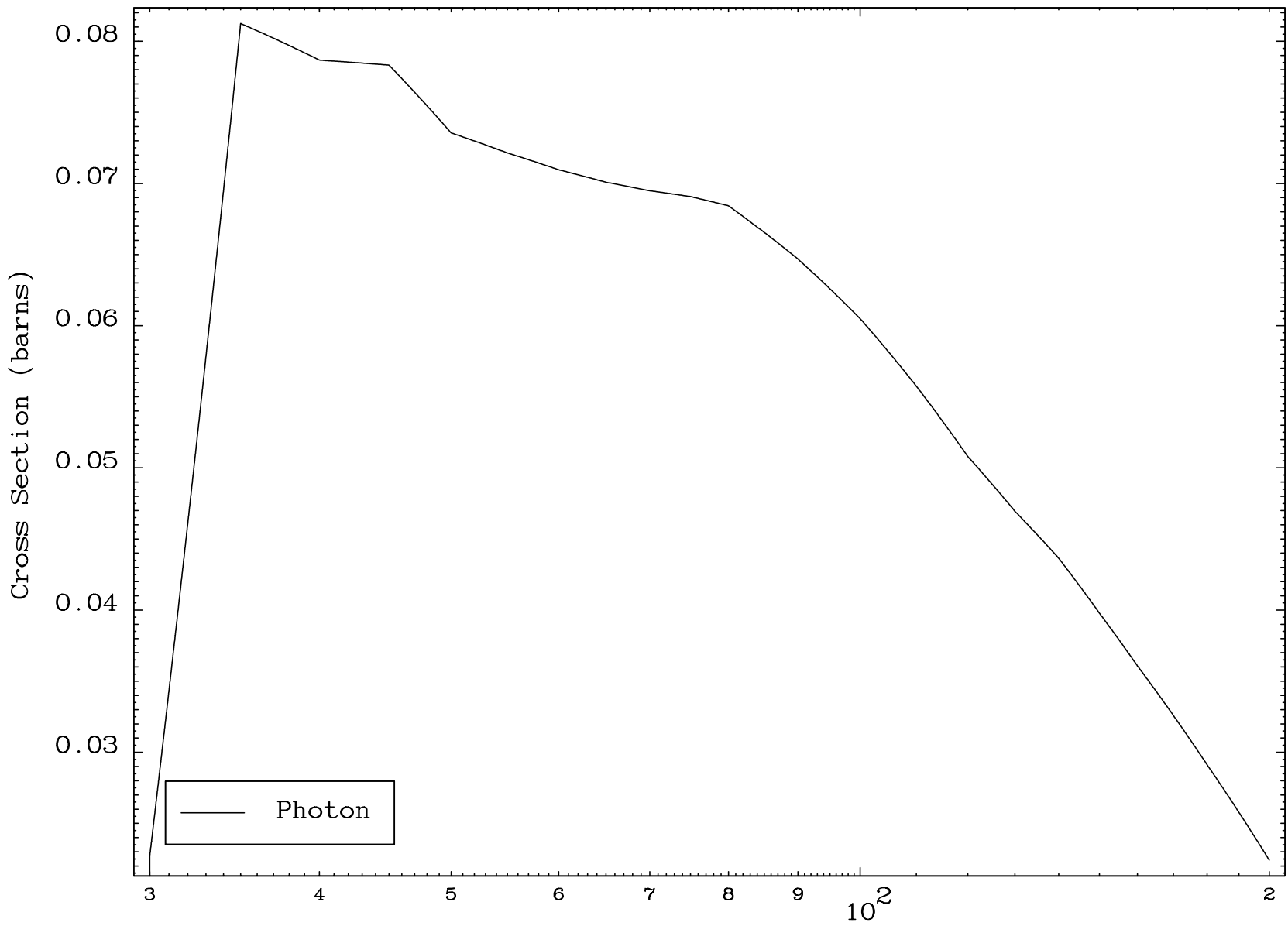


MAT 8271

( $\gamma$ , remainder)

83-Bi-191

Radionuclide Production Cross Section



24

Incident Energy (MeV)

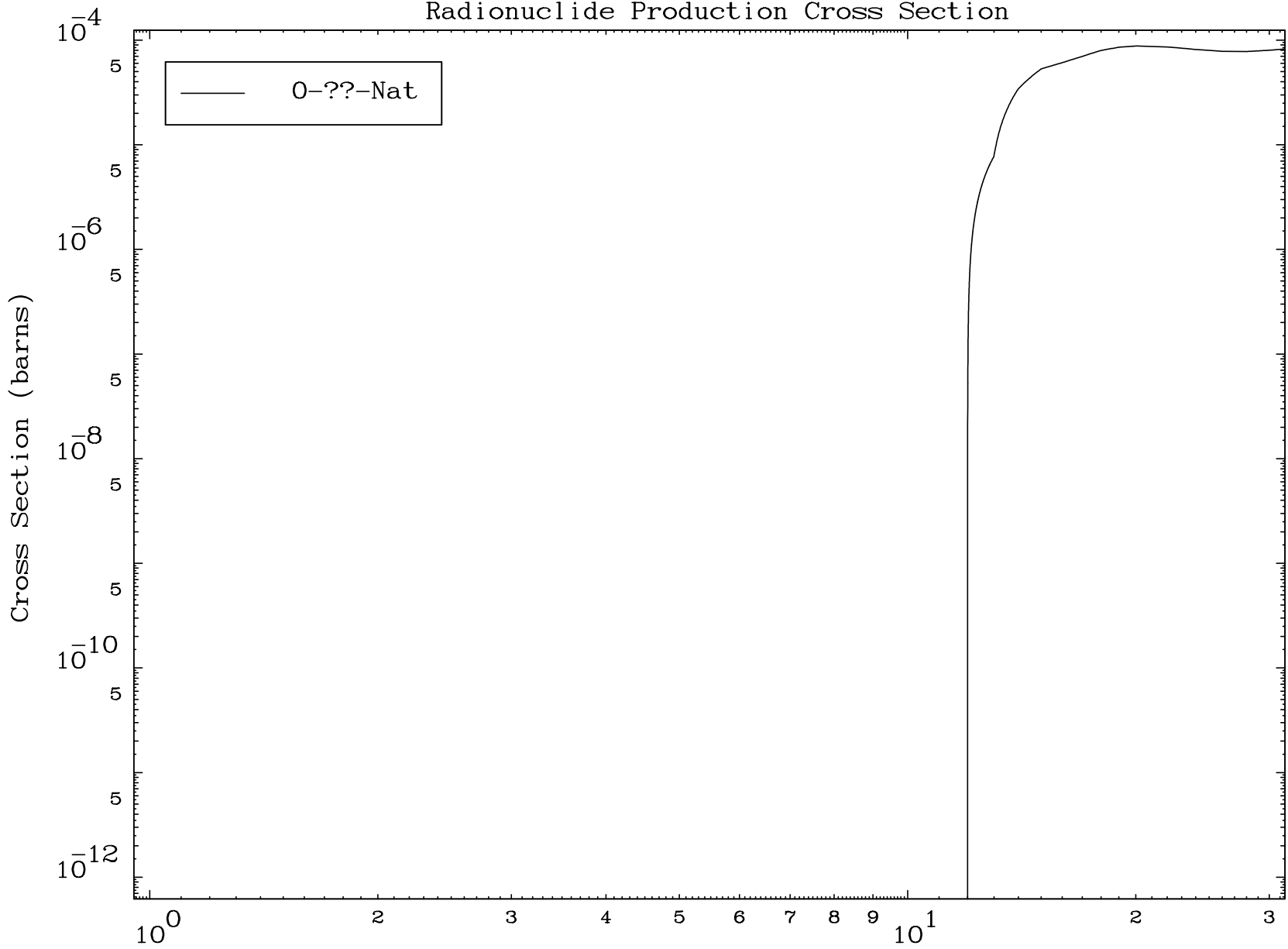
83-Bi-191



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Photon Fission  
Radionuclide Production Cross Section

83-Bi-191

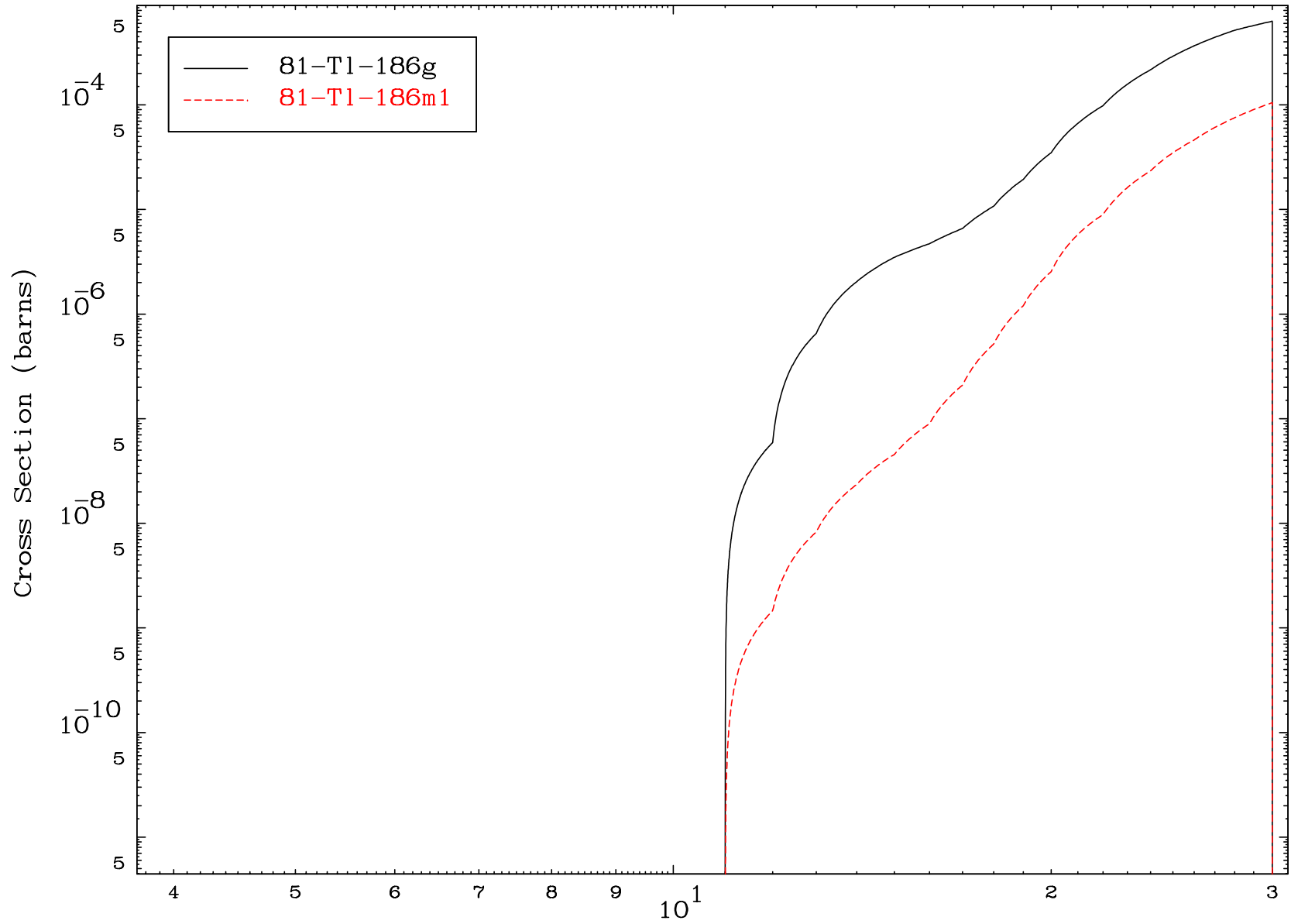


25

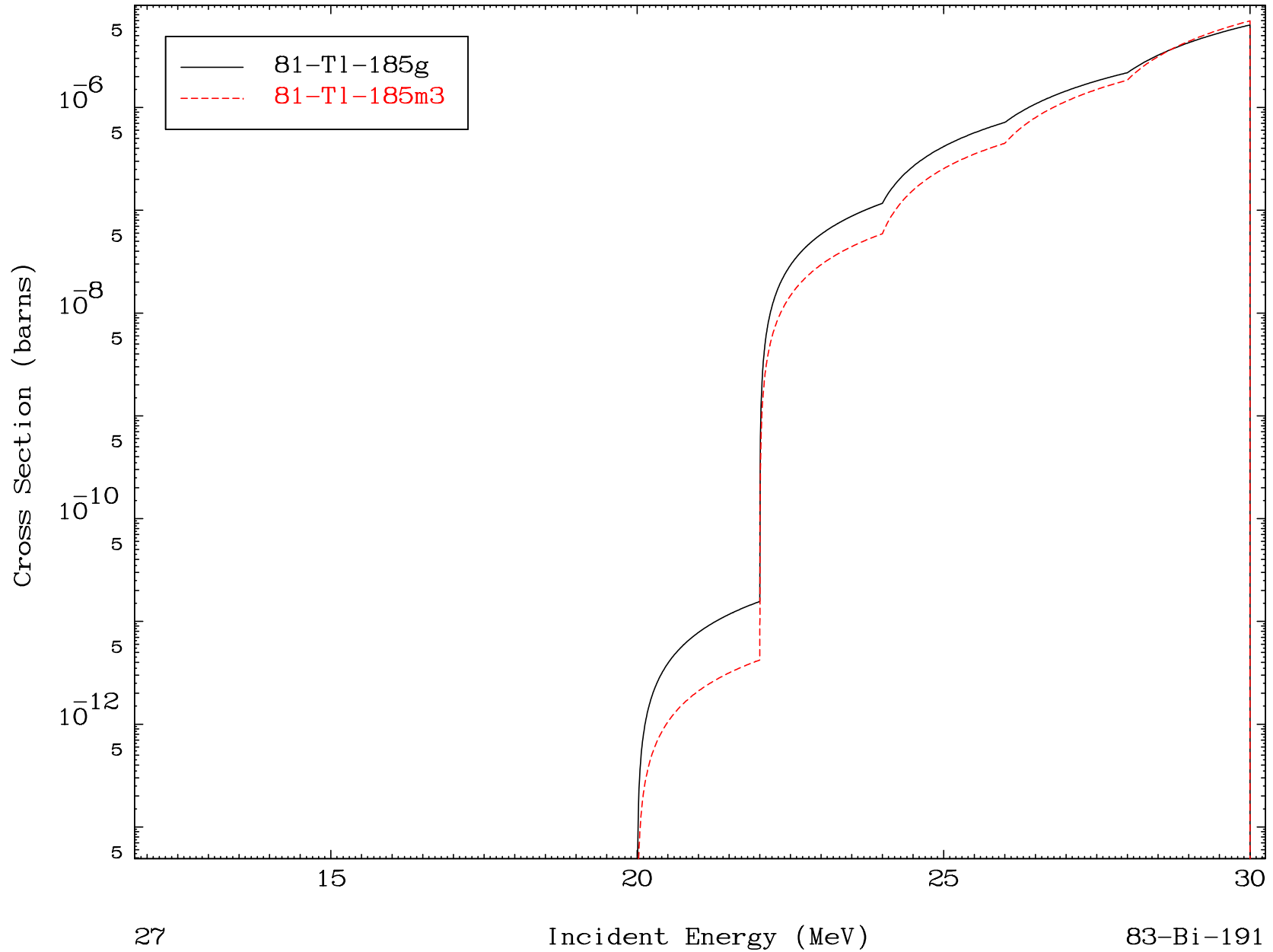
Incident Energy (MeV)

83-Bi-191

Radionuclide Production Cross Section



Radionuclide Production Cross Section

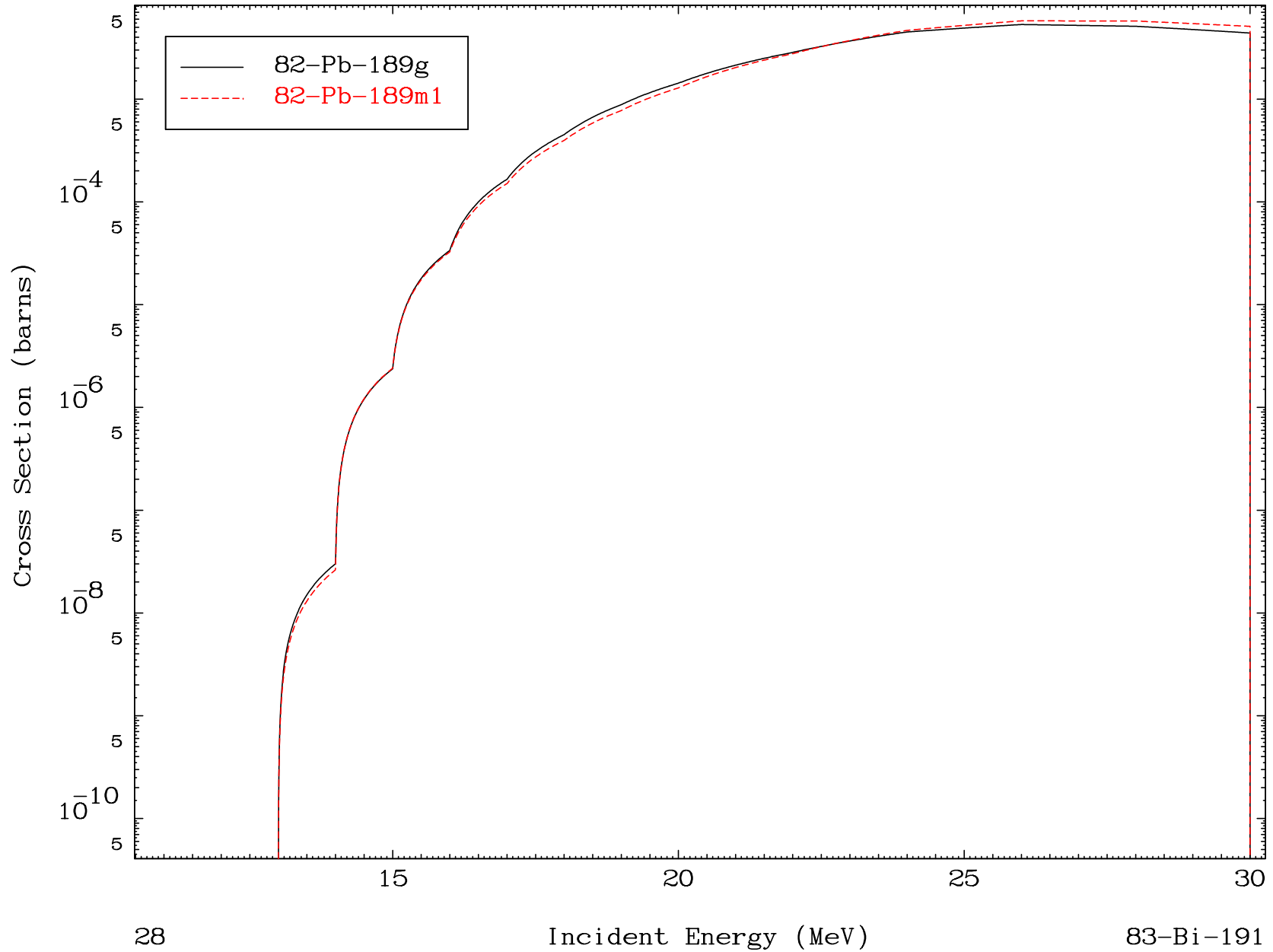


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$(\gamma, n')$  p

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Radionuclide Production Cross Section

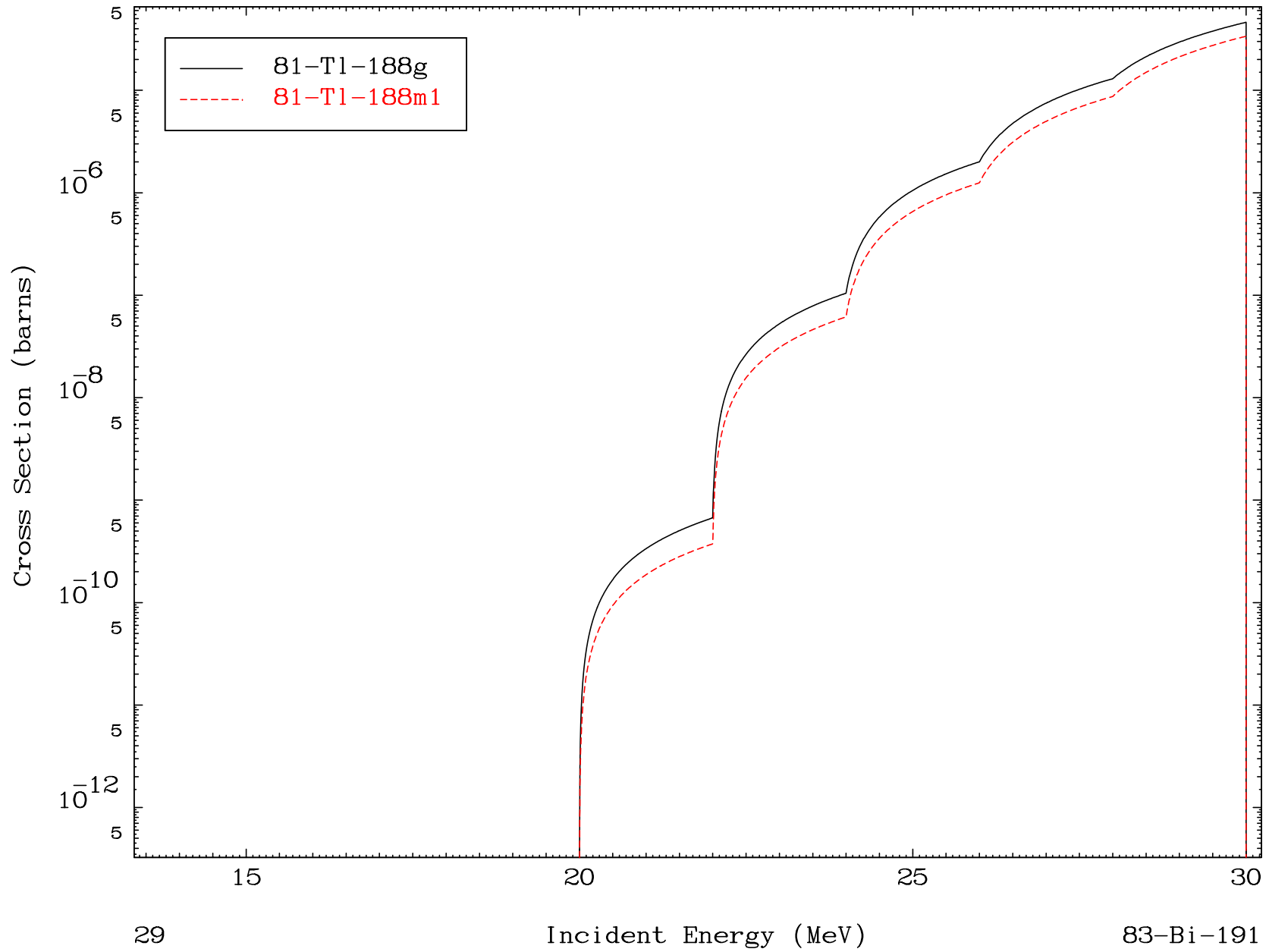


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$(\gamma, 2n) p$

83-Bi-191

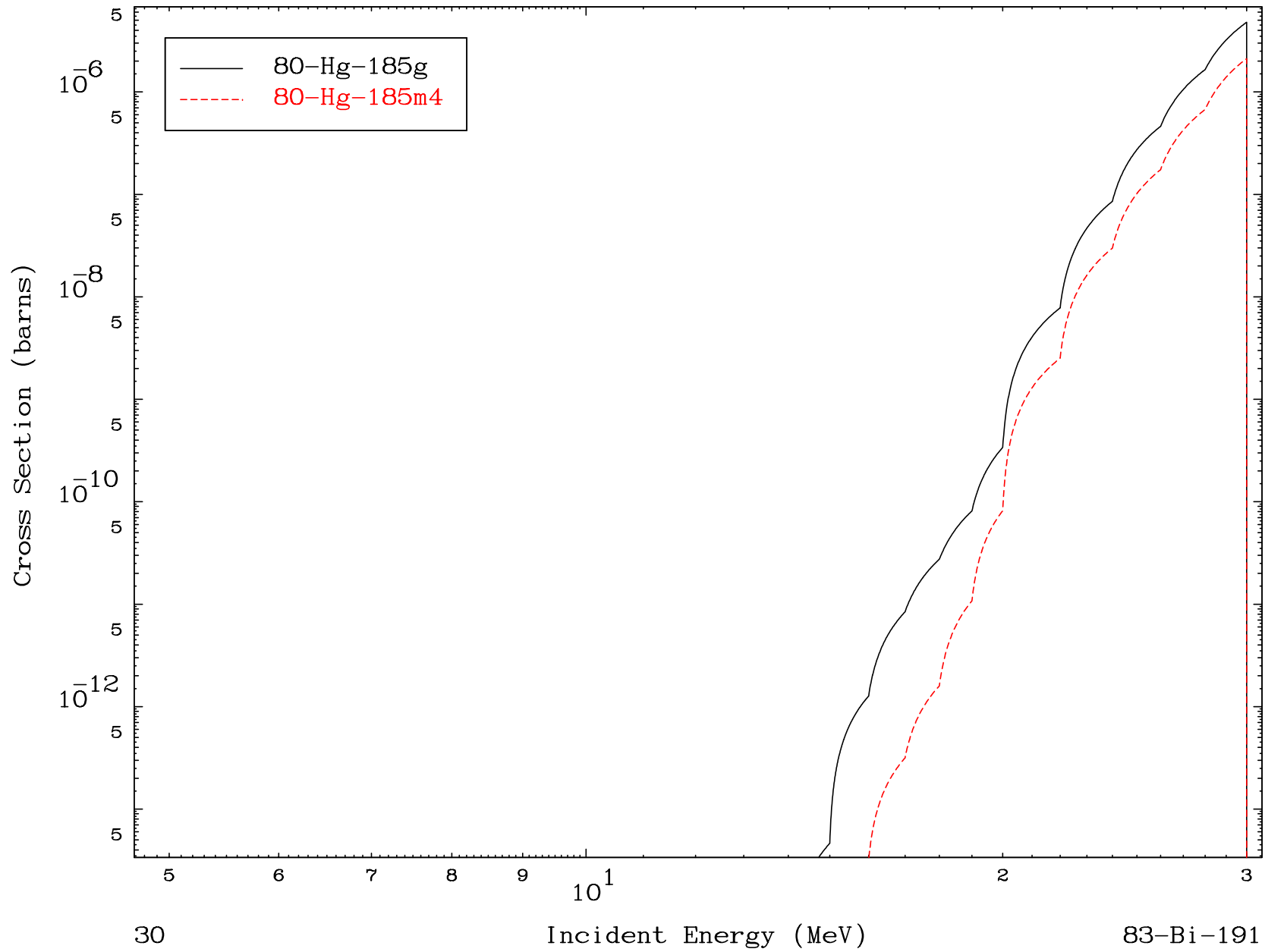
Radionuclide Production Cross Section



MAT 8271

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

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Incident Energy (MeV)

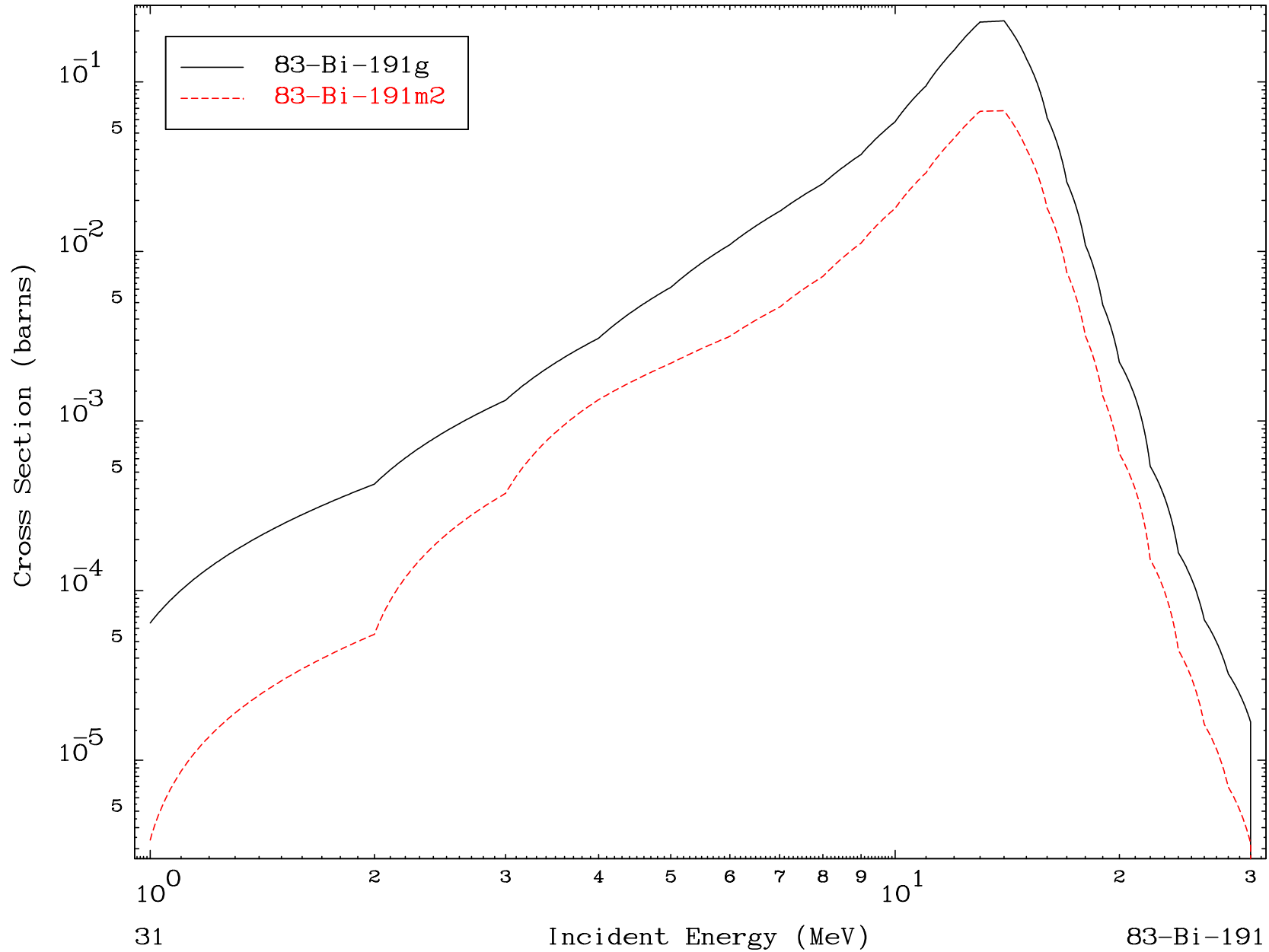
83-Bi-191

MAT 8271

( $\gamma, \gamma$ )

83-Bi-191

Radionuclide Production Cross Section

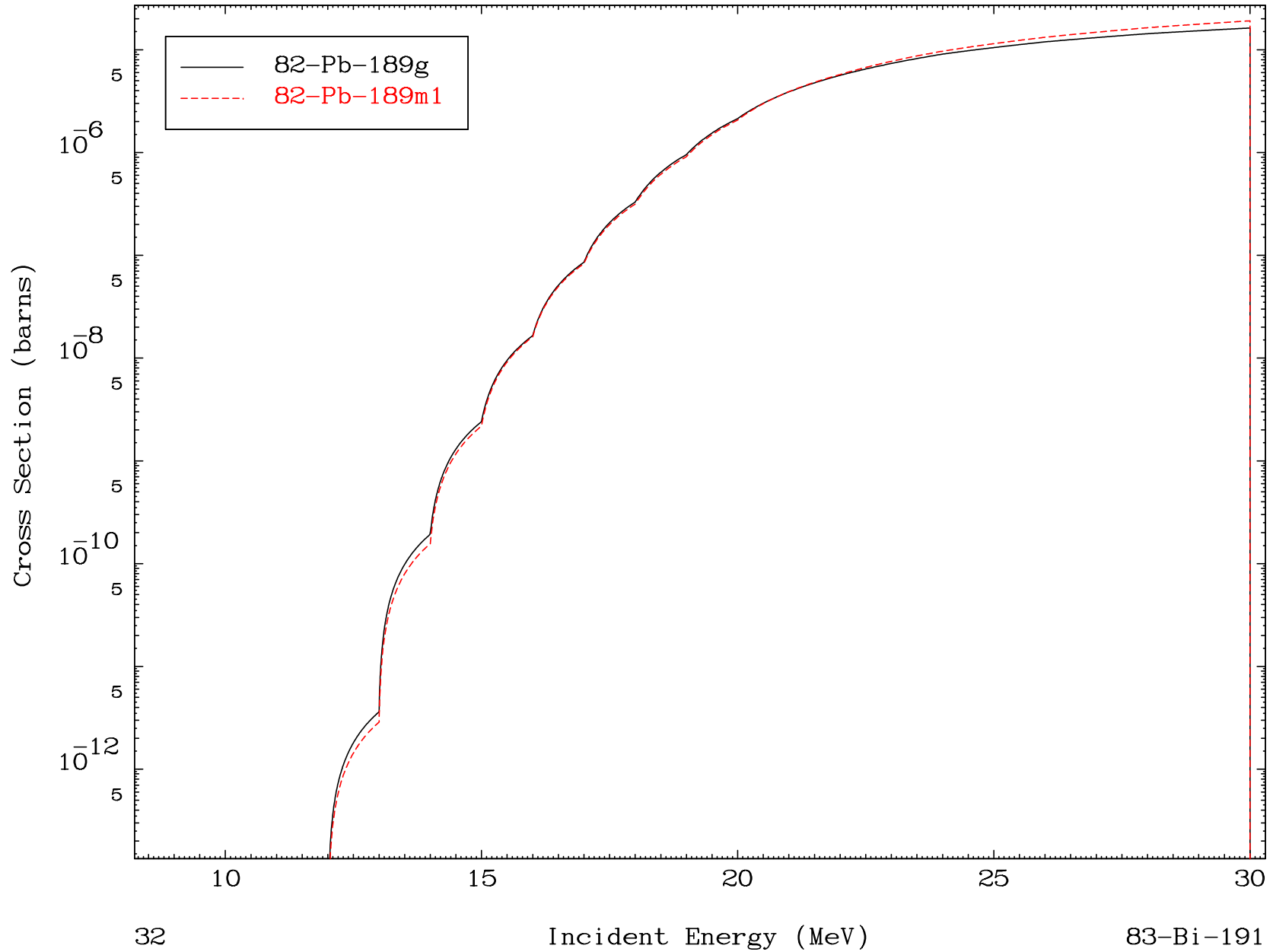


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( $\gamma, d$ )

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Radionuclide Production Cross Section



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Incident Energy (MeV)

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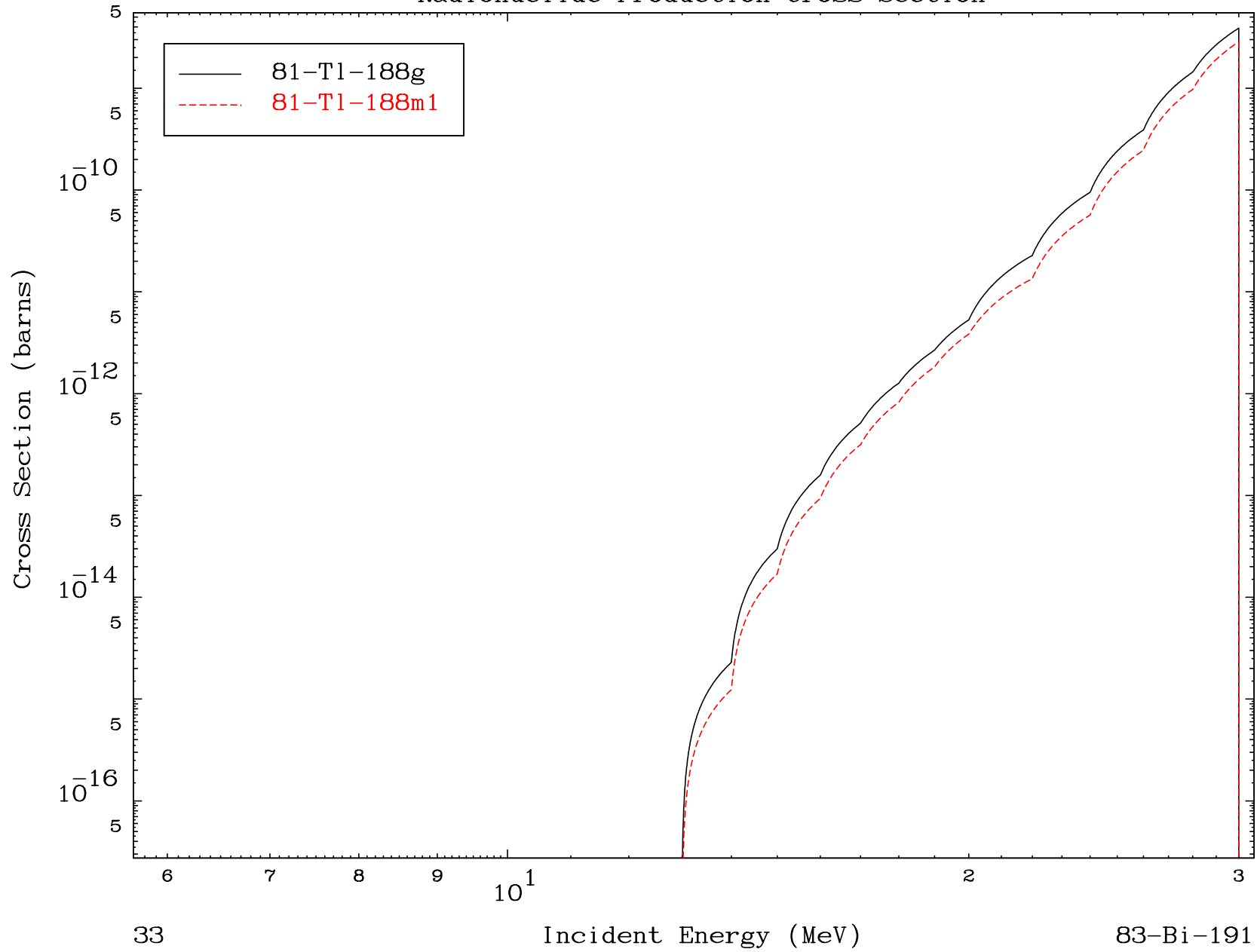


MAT 8271

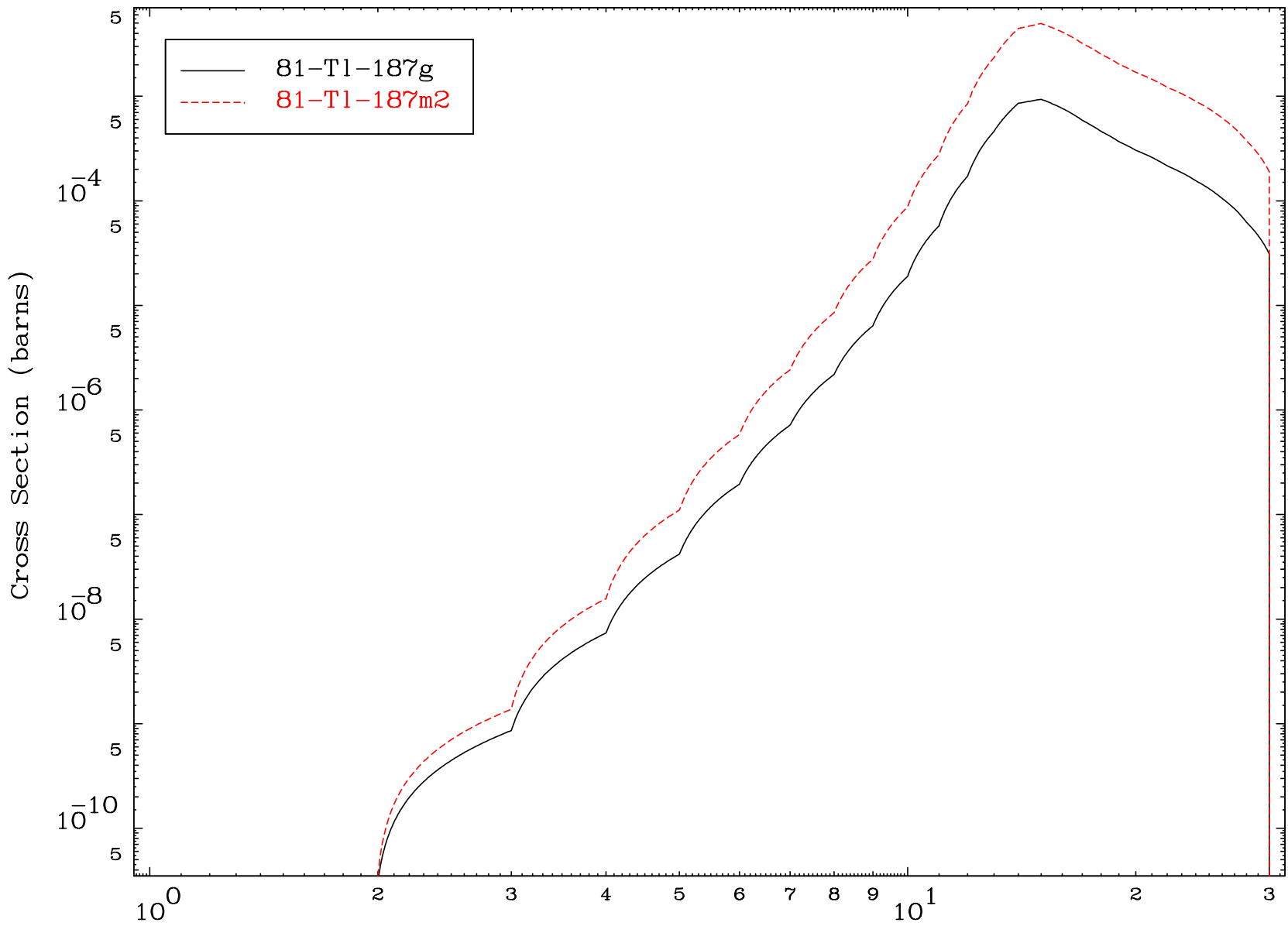
( $\gamma, \text{He-3}$ )

83-Bi-191

Radionuclide Production Cross Section



Radionuclide Production Cross Section

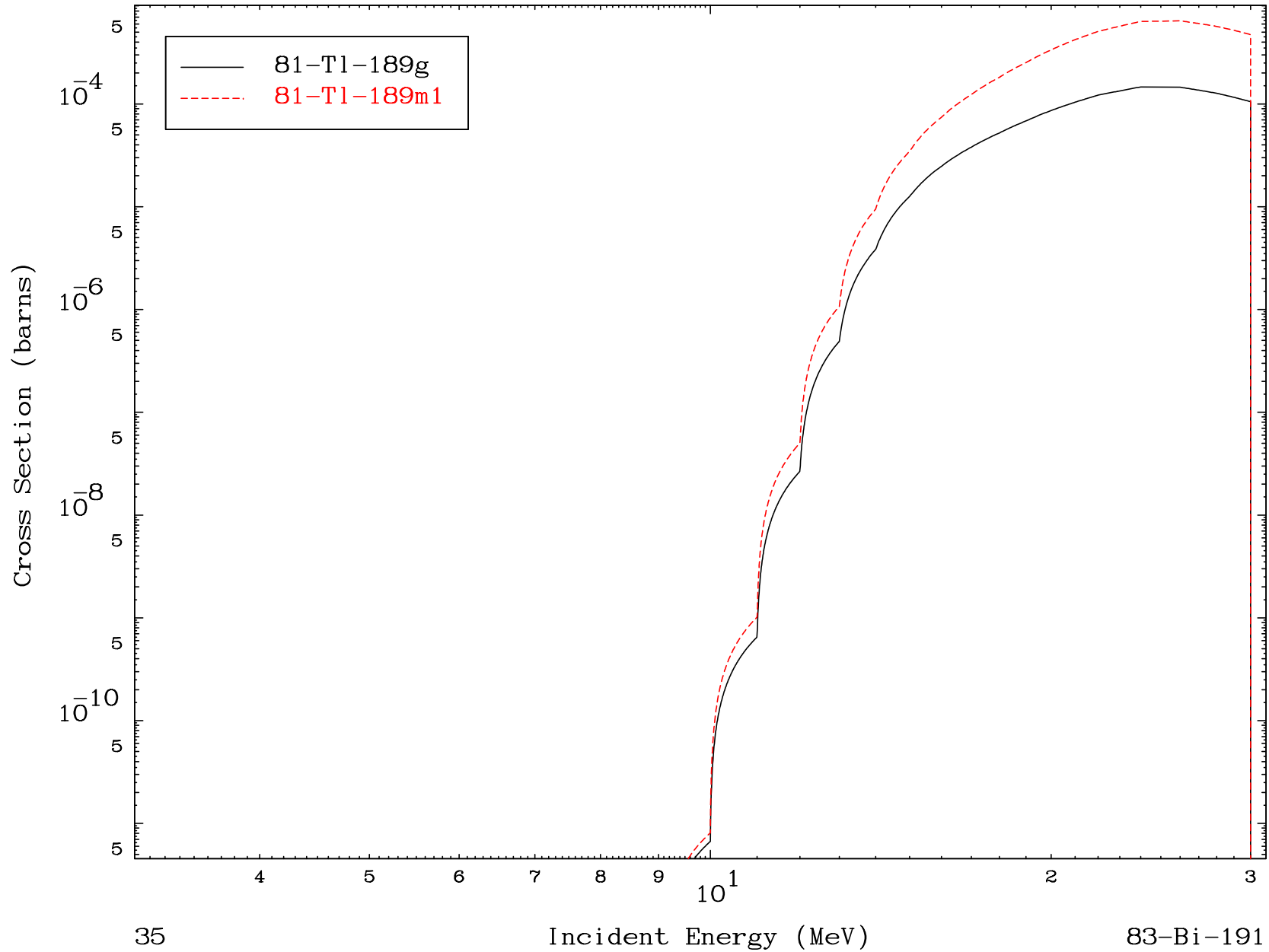


MAT 8271

( $\gamma, 2p$ )

83-Bi-191

Radionuclide Production Cross Section

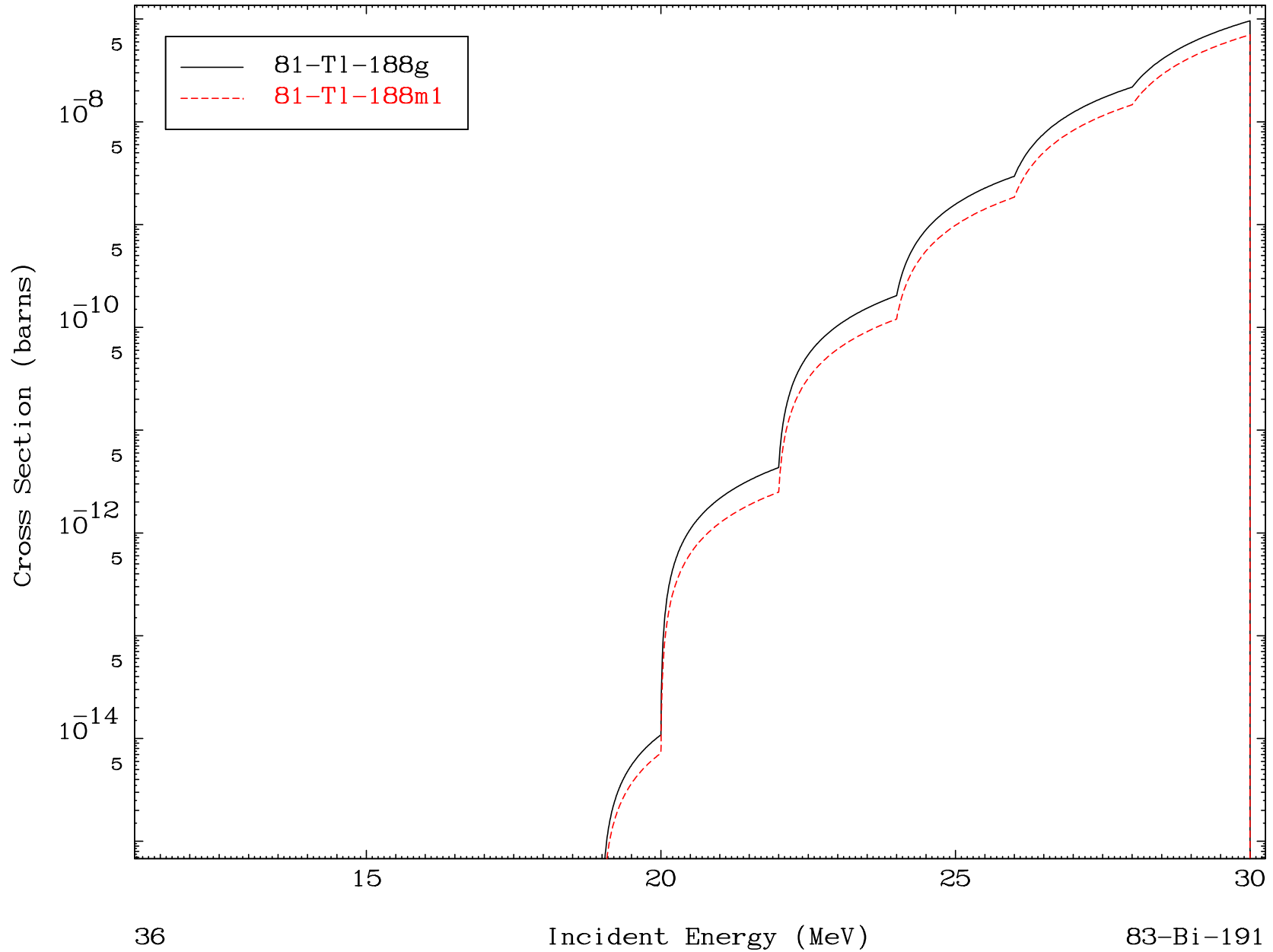


MAT 8271

( $\gamma, p$ ) d

83-Bi-191

Radionuclide Production Cross Section



Radionuclide Production Cross Section

