

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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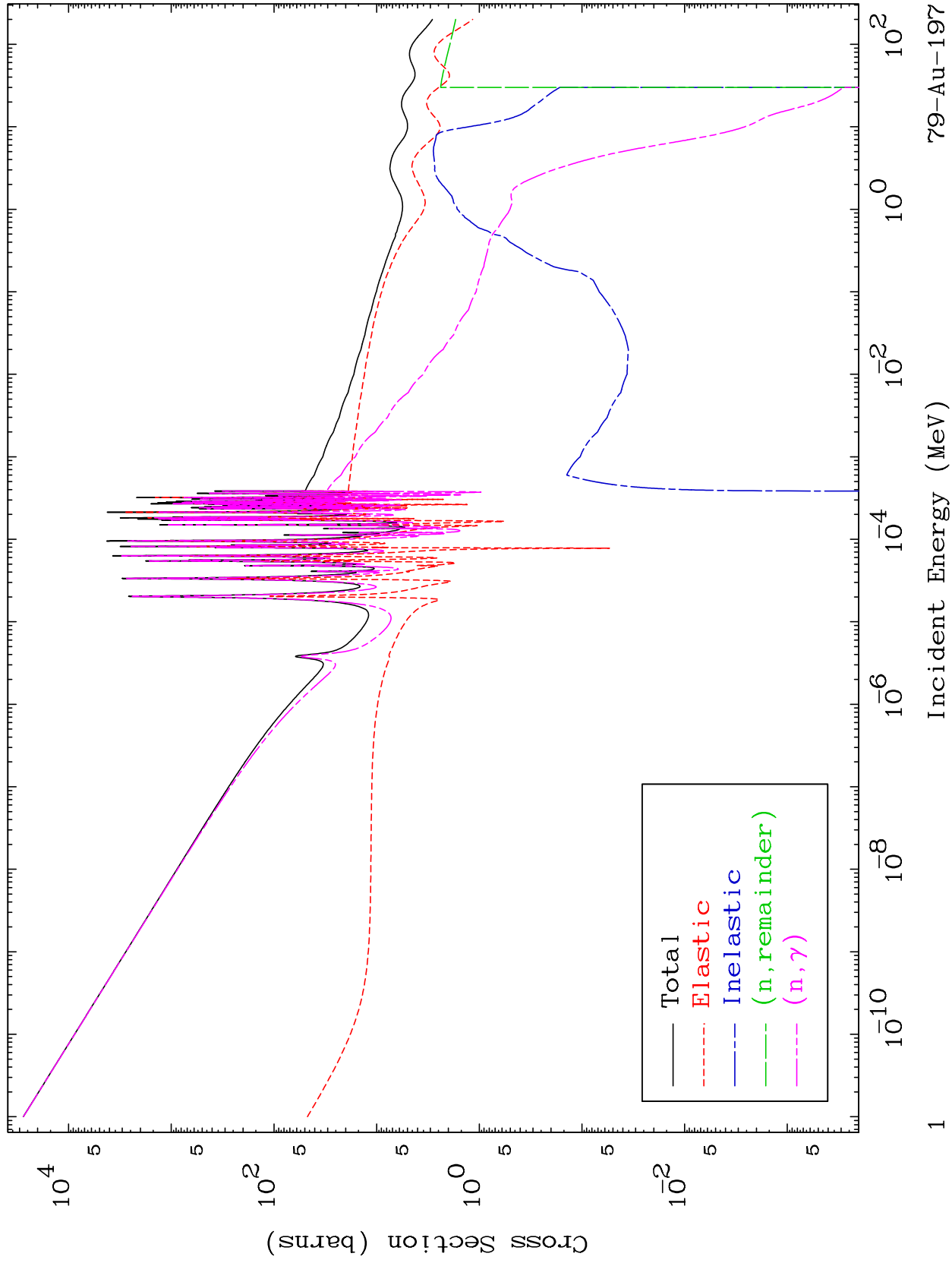
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7926

Major  
293 Kelvin Cross Sections

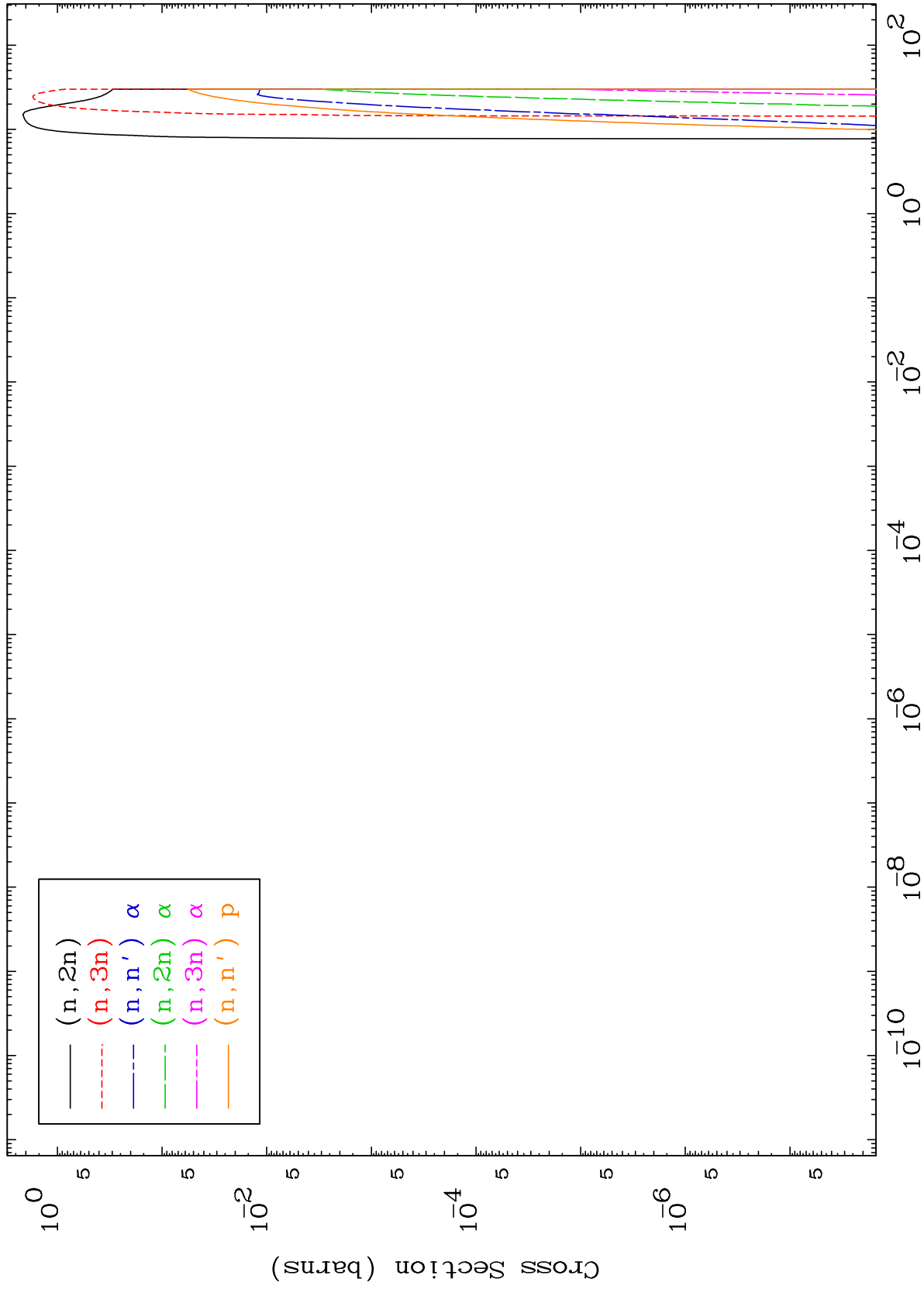
79-Au-197



MAT 7926

Neutron Production  
293 Kelvin Cross Sections

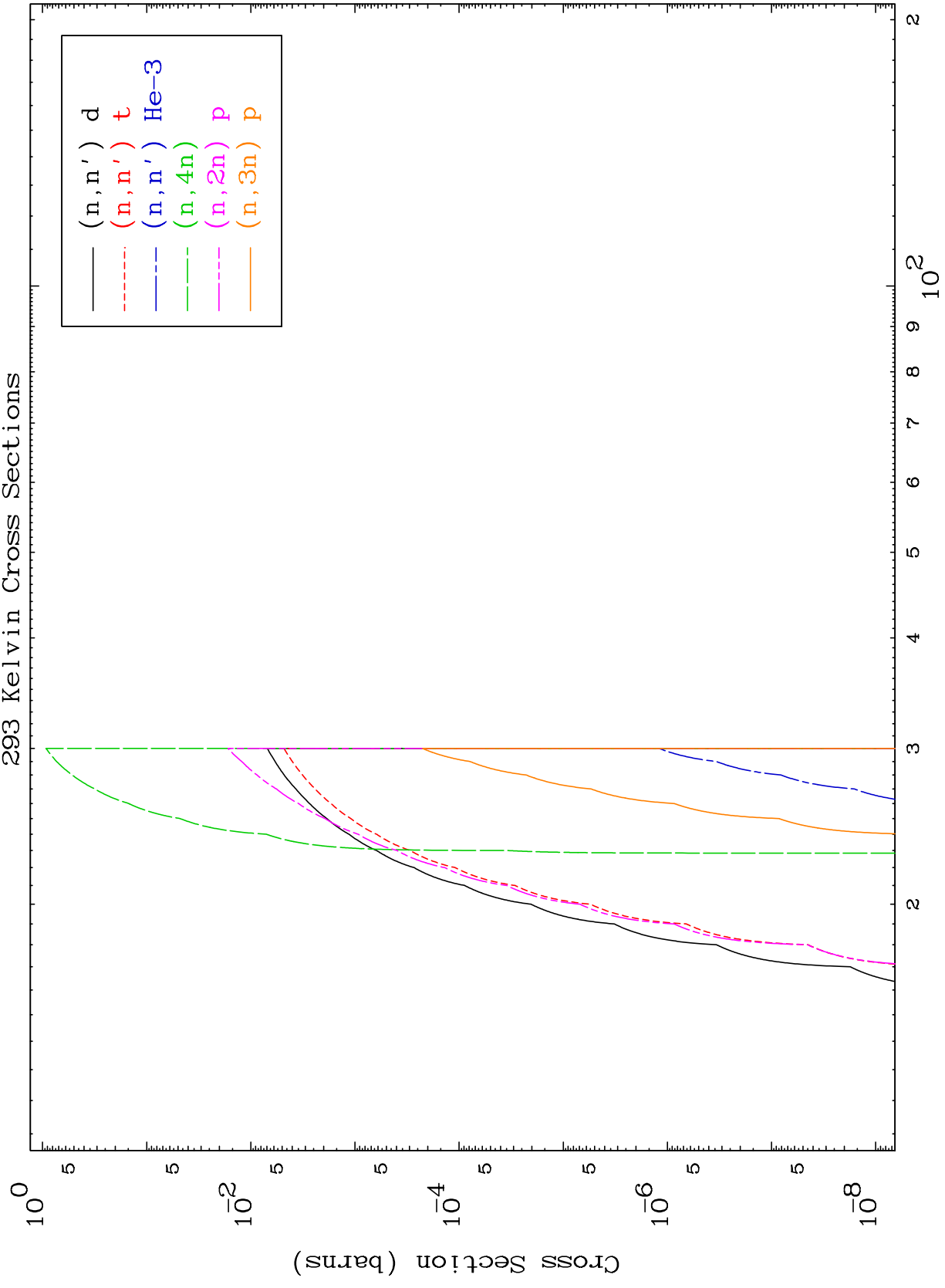
79-Au-197



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Incident Energy (MeV)

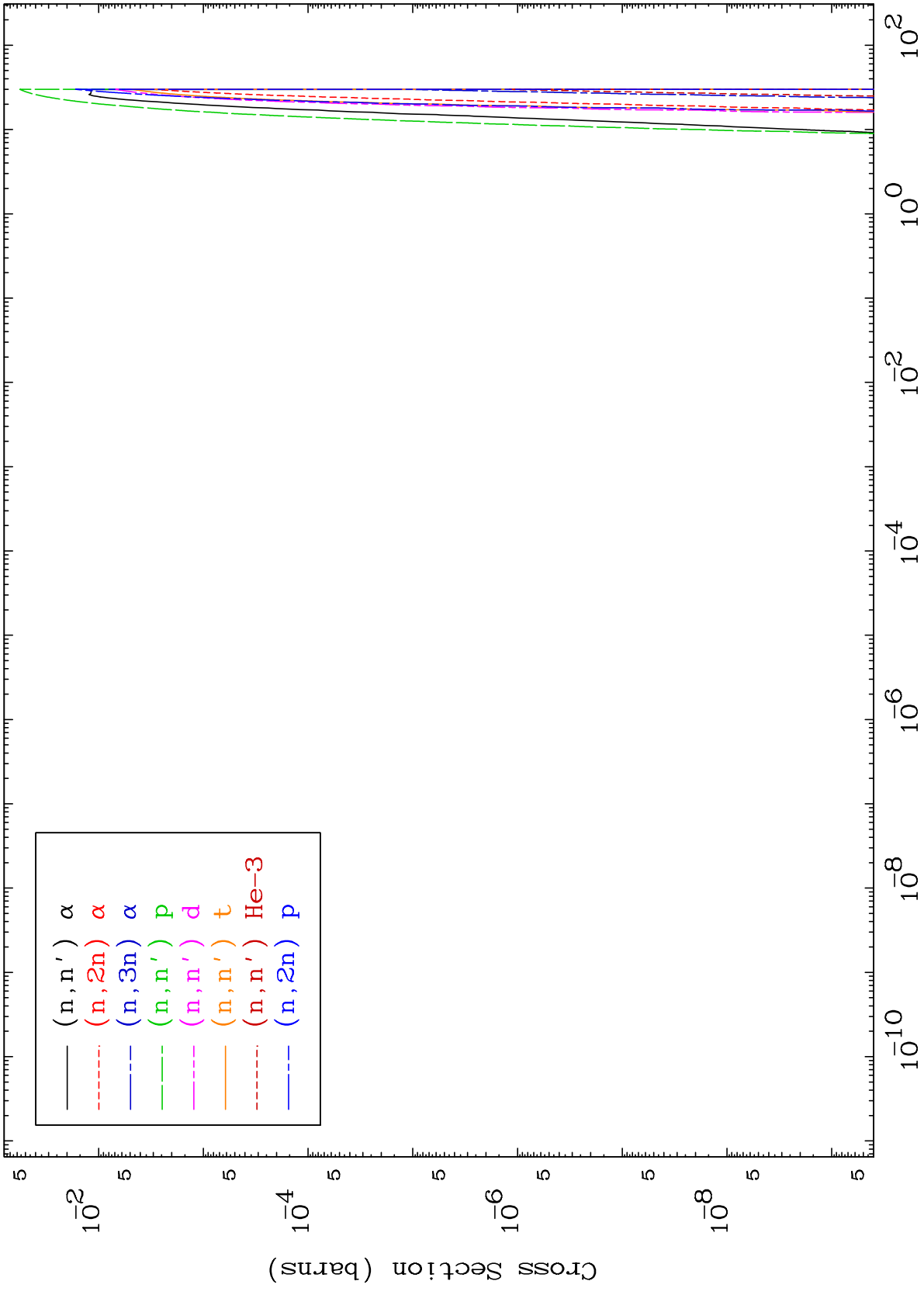
79-Au-197



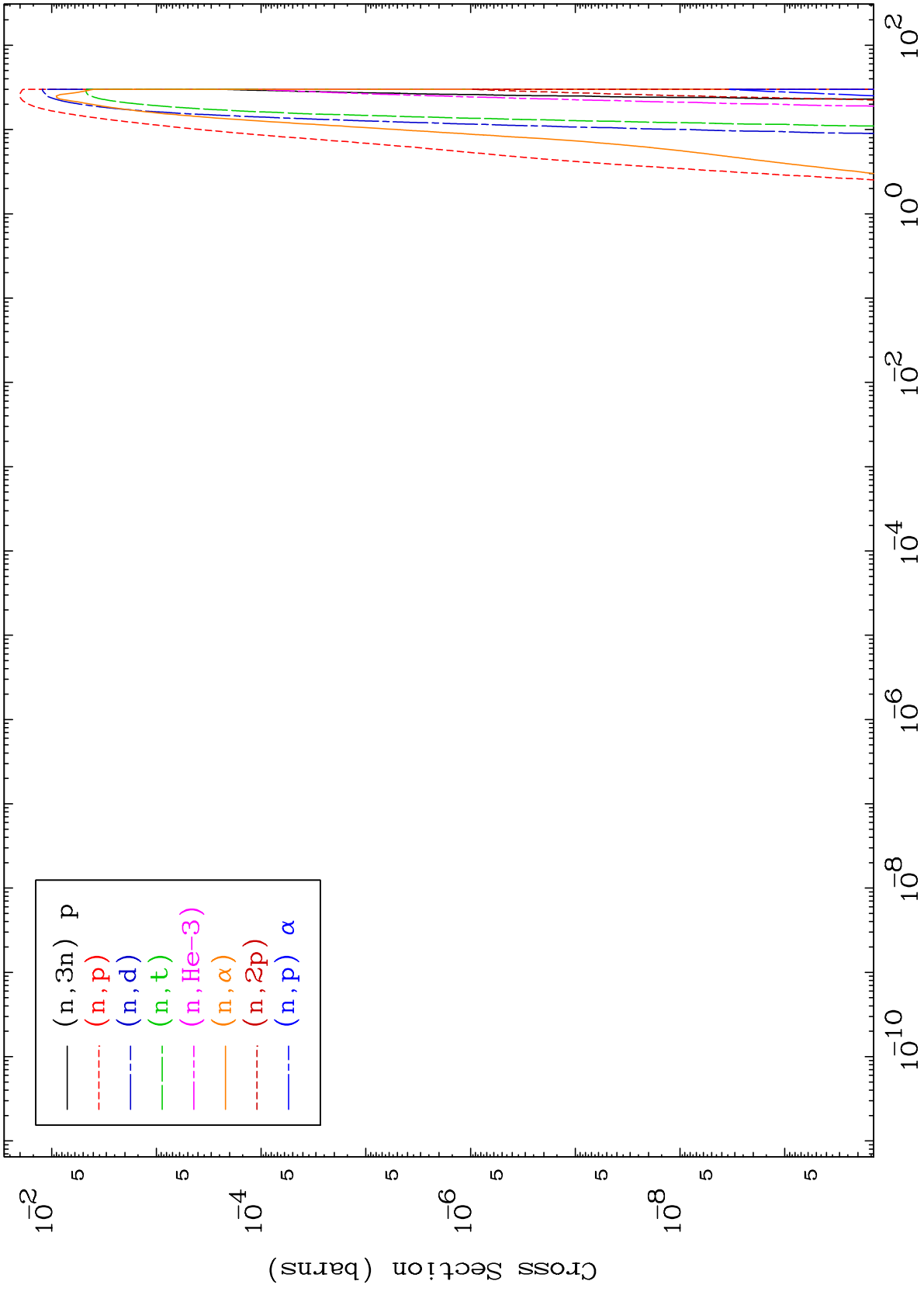
MAT 7926

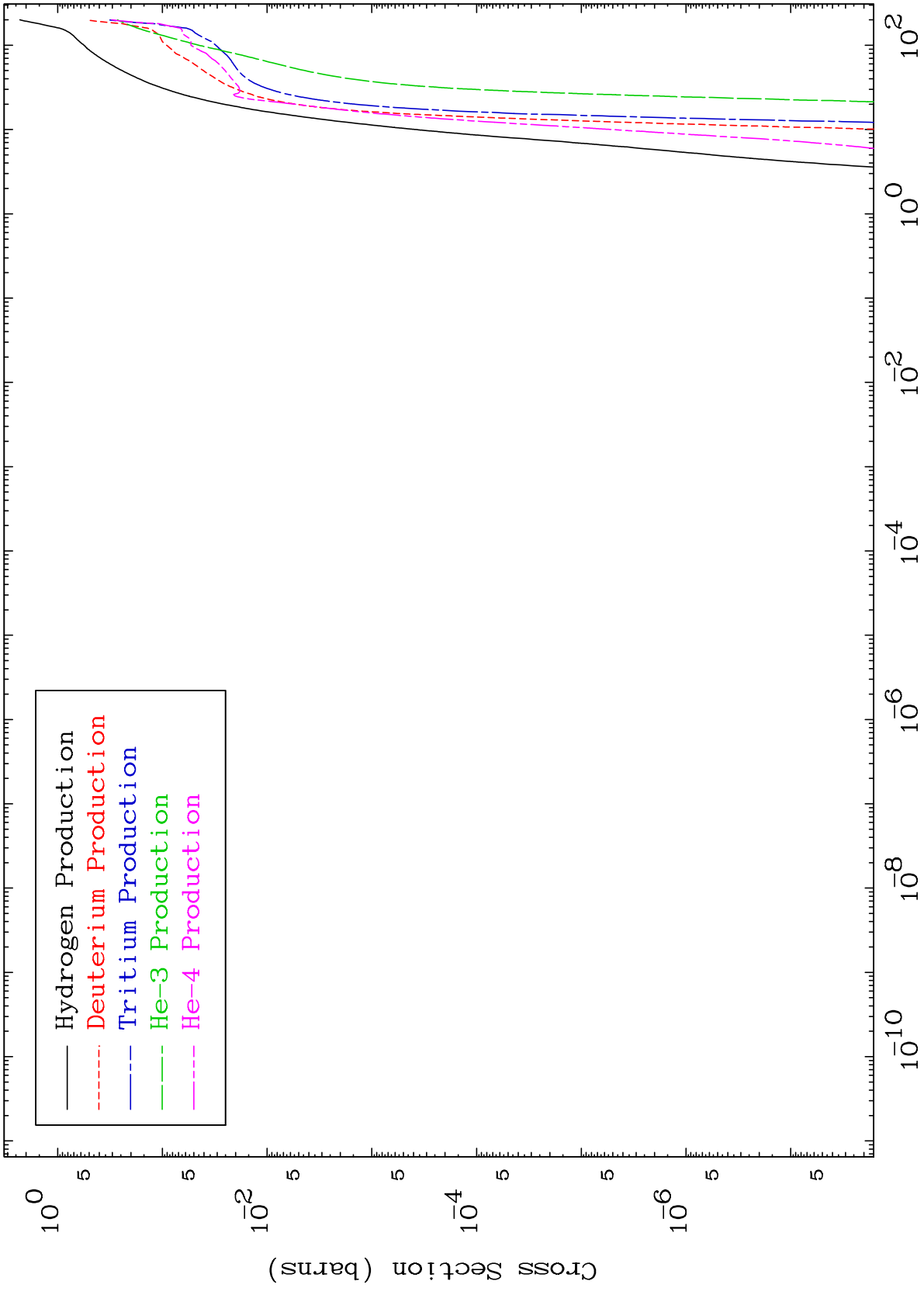
293 Kelvin Cross Sections

79-Au-197



79-Au-197

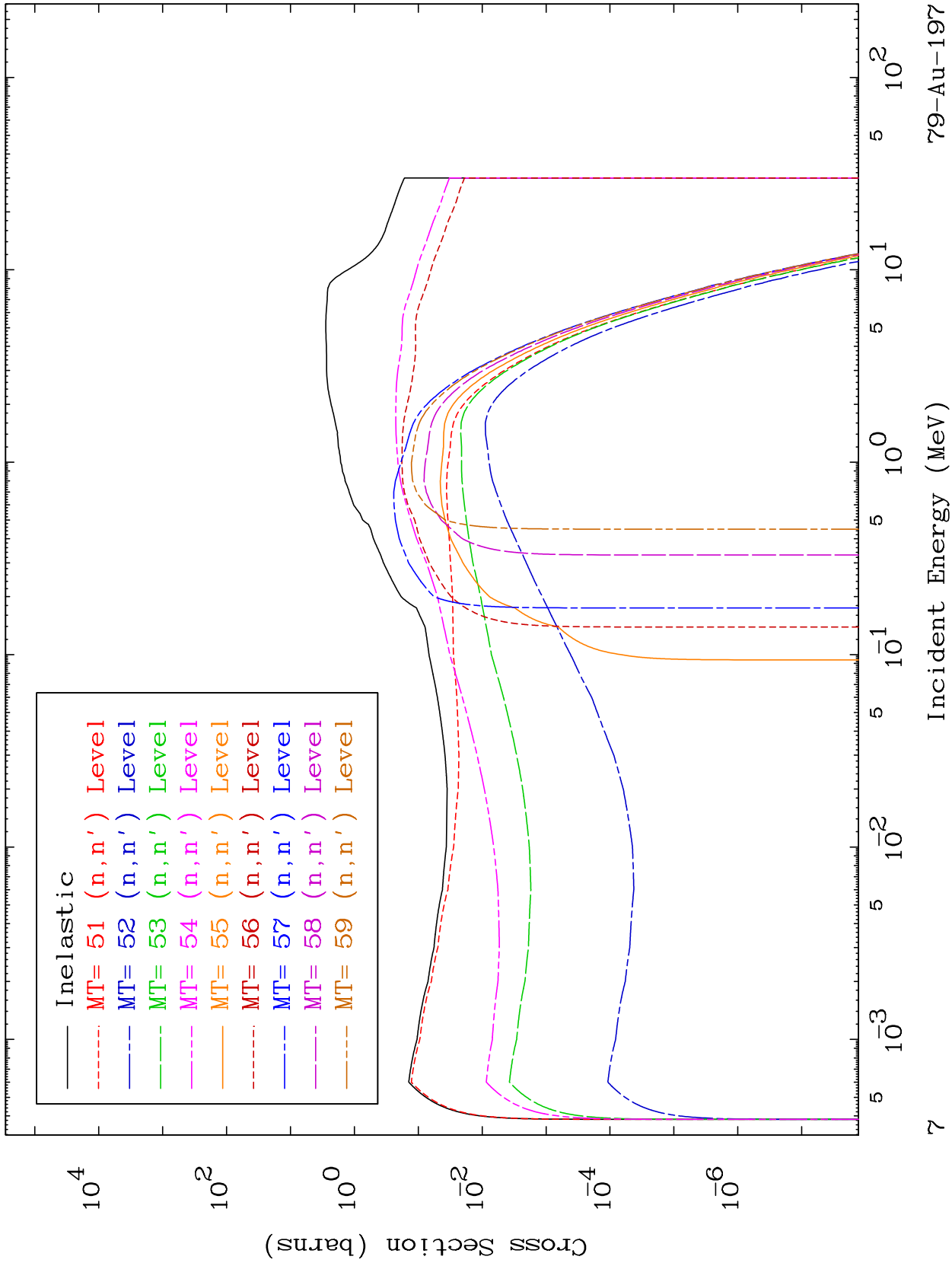




MAT 7926

293 Kelvin Cross Sections

79-Au-197



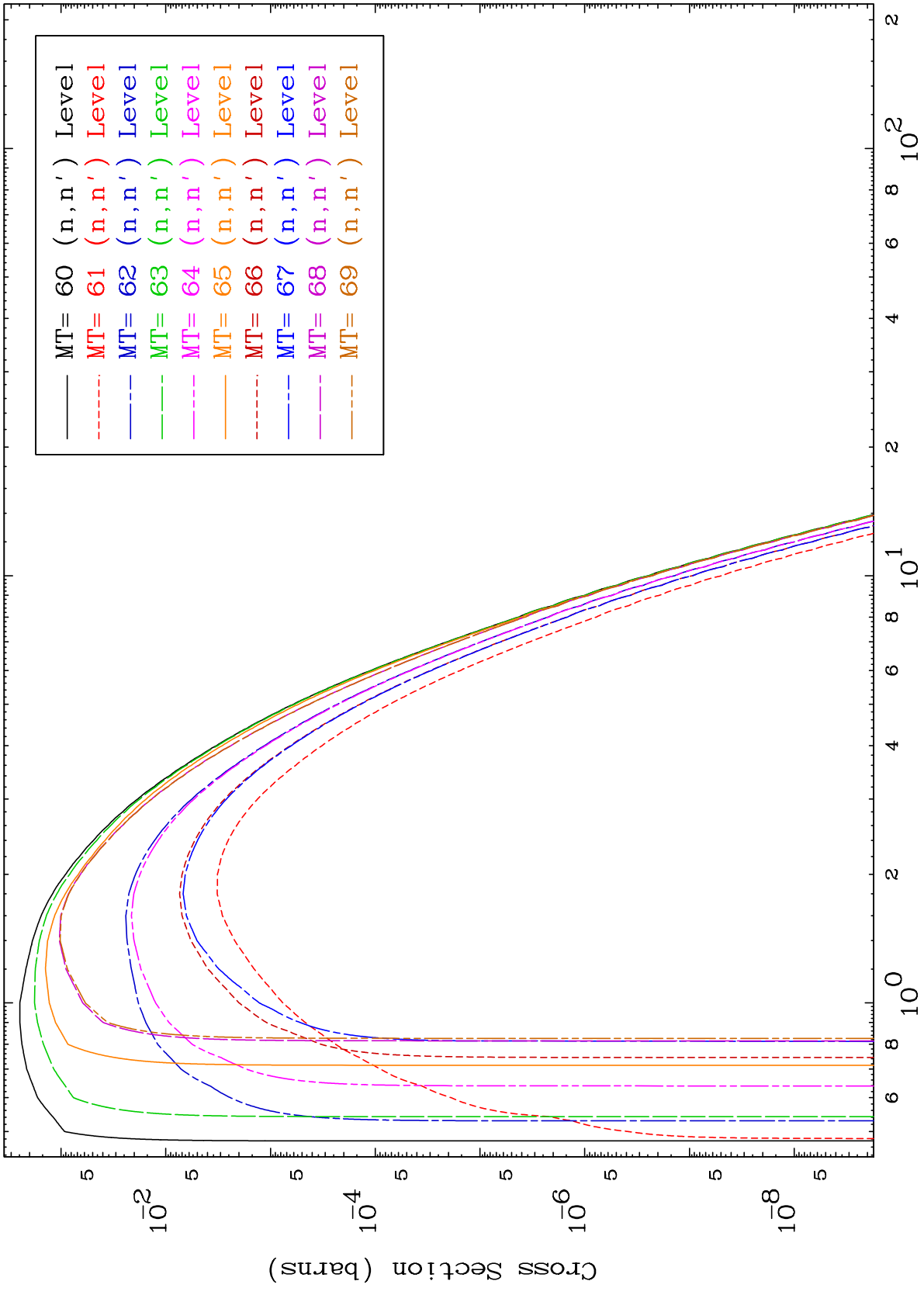


MAT 7926

(n,n') Level

79-Au-197

293 Kelvin Cross Sections



8

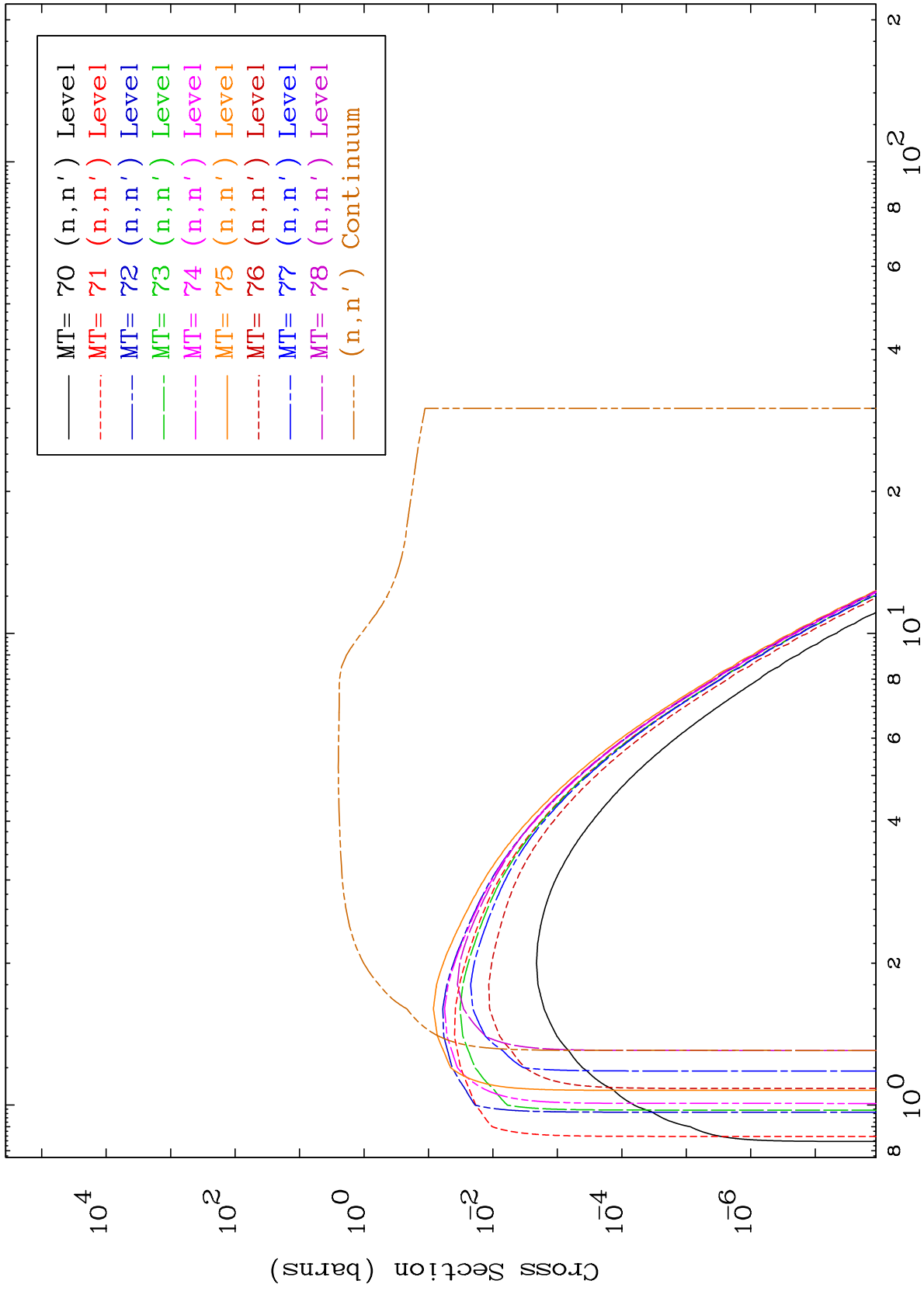
Incident Energy (MeV)

79-Au-197

MAT 7926

(n,n') Level  
293 Kelvin Cross Sections

79-Au-197



9

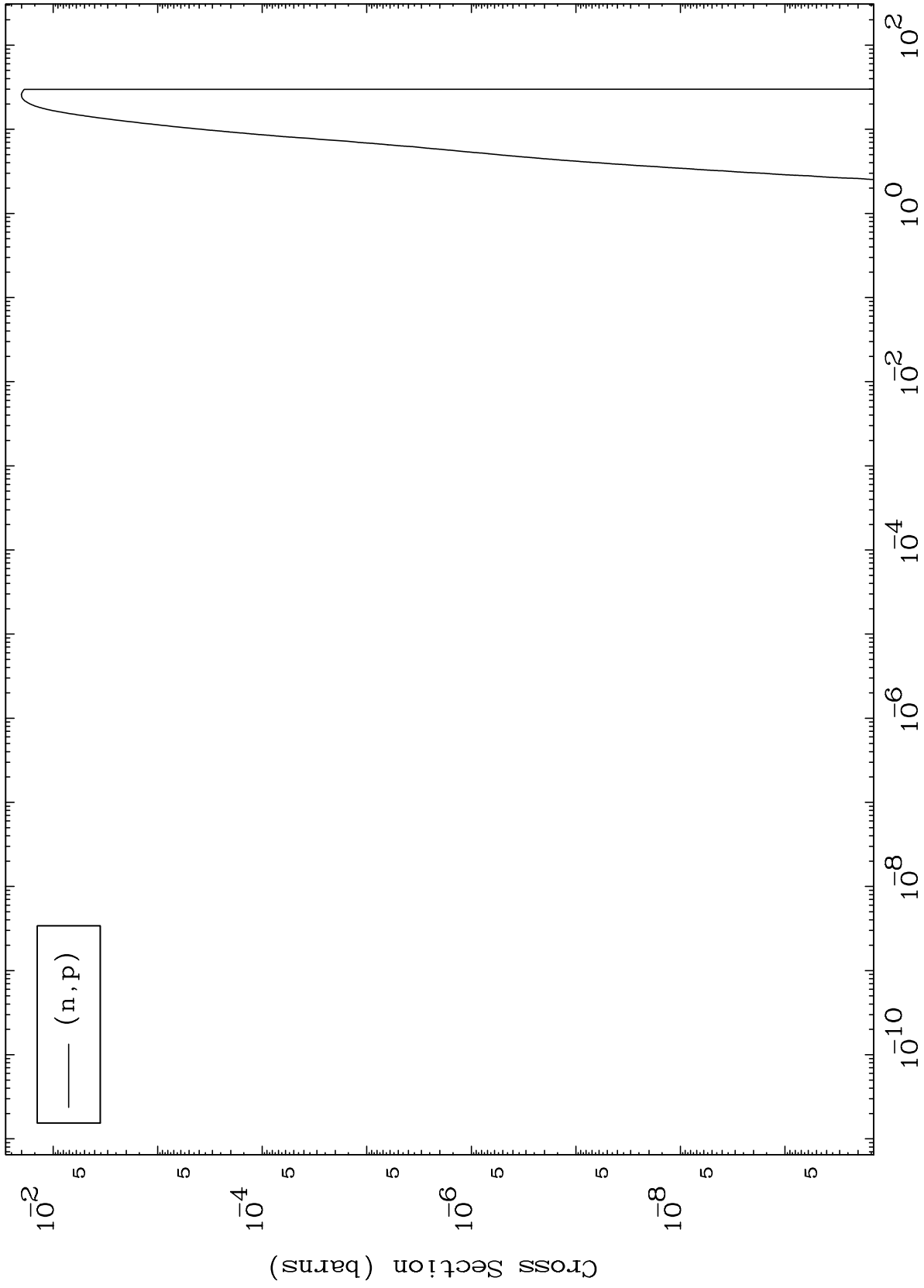
Incident Energy (MeV)

79-Au-197

MAT 7926

(n,p) Levels  
293 Kelvin Cross Sections

79-Au-197



10

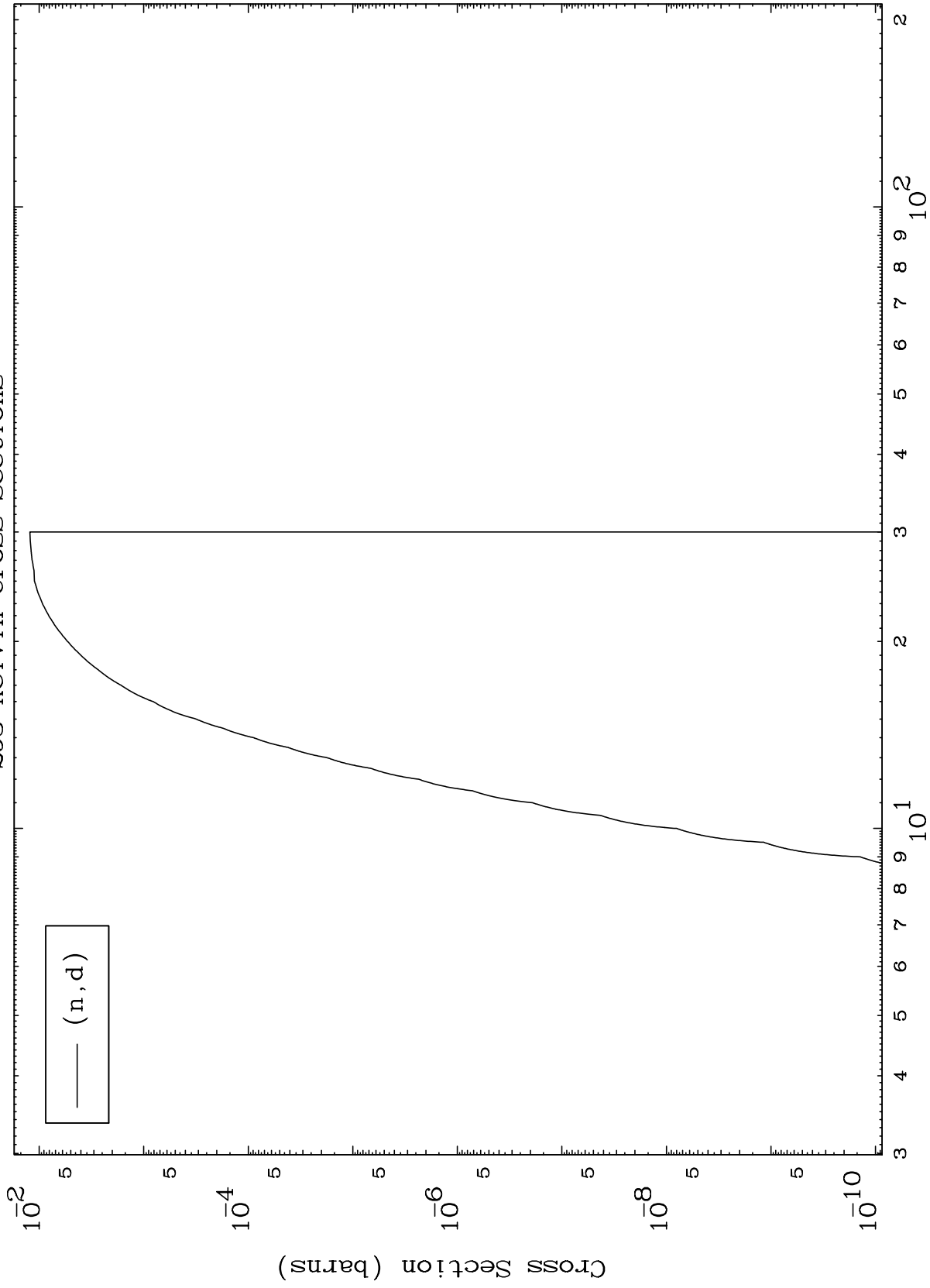
Incident Energy (MeV)

79-Au-197

MAT 7926

(n,d) Levels  
293 Kelvin Cross Sections

79-Au-197



11

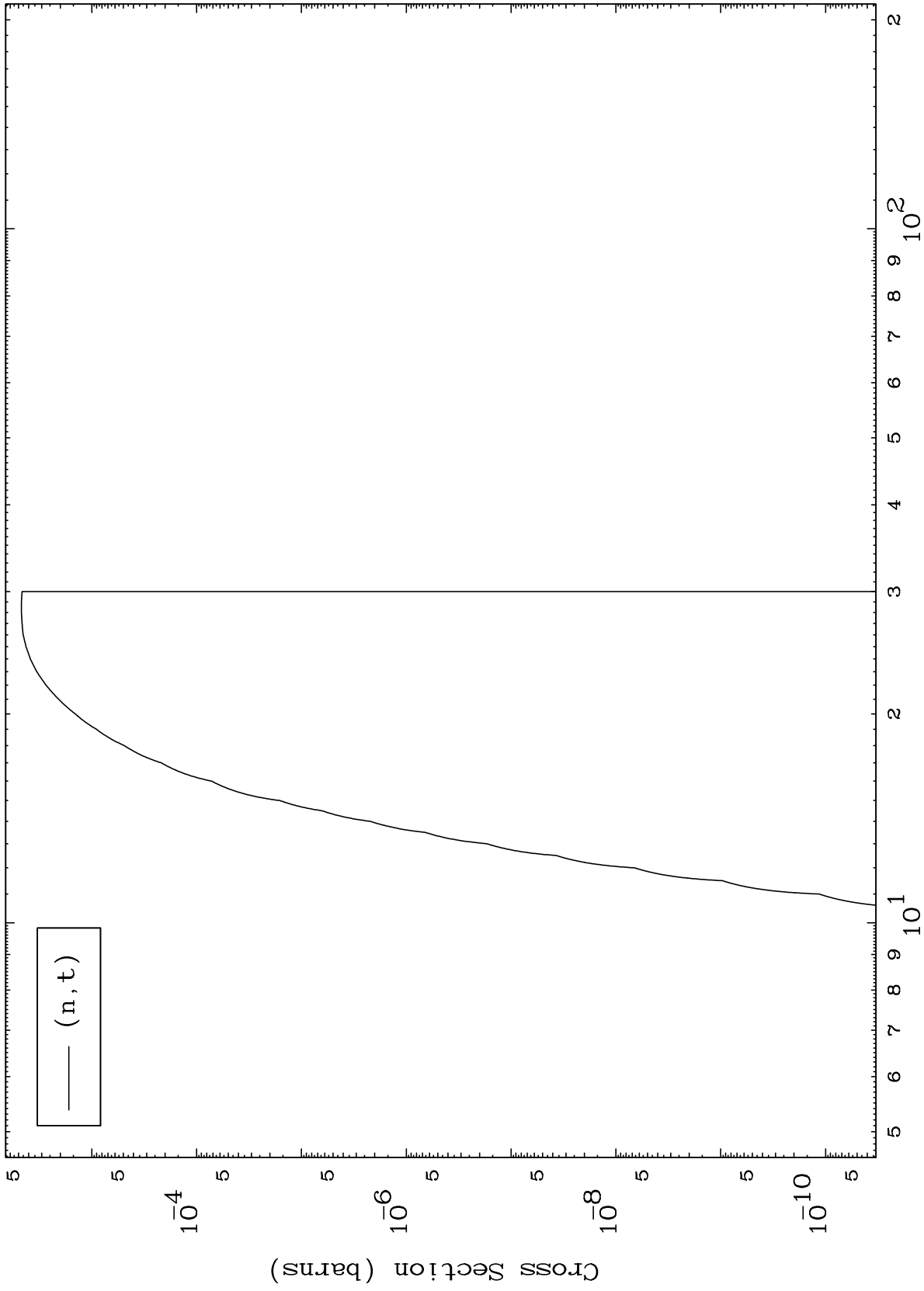
Incident Energy (MeV)

79-Au-197

MAT 7926

(n,t) Levels  
293 Kelvin Cross Sections

79-Au-197



12

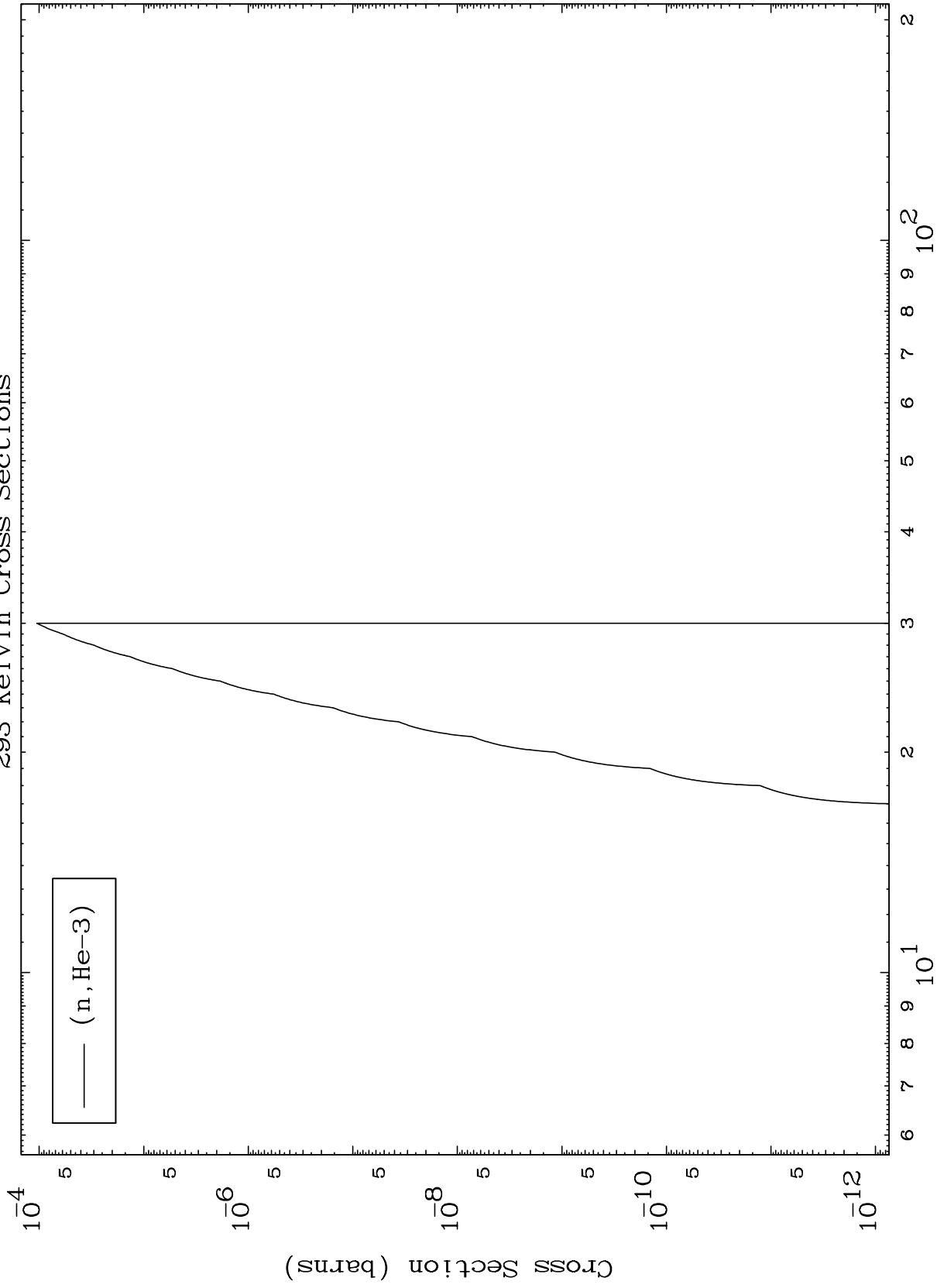
Incident Energy (MeV)

79-Au-197

MAT 7926

(n,He3) Levels  
293 Kelvin Cross Sections

79-Au-197



13

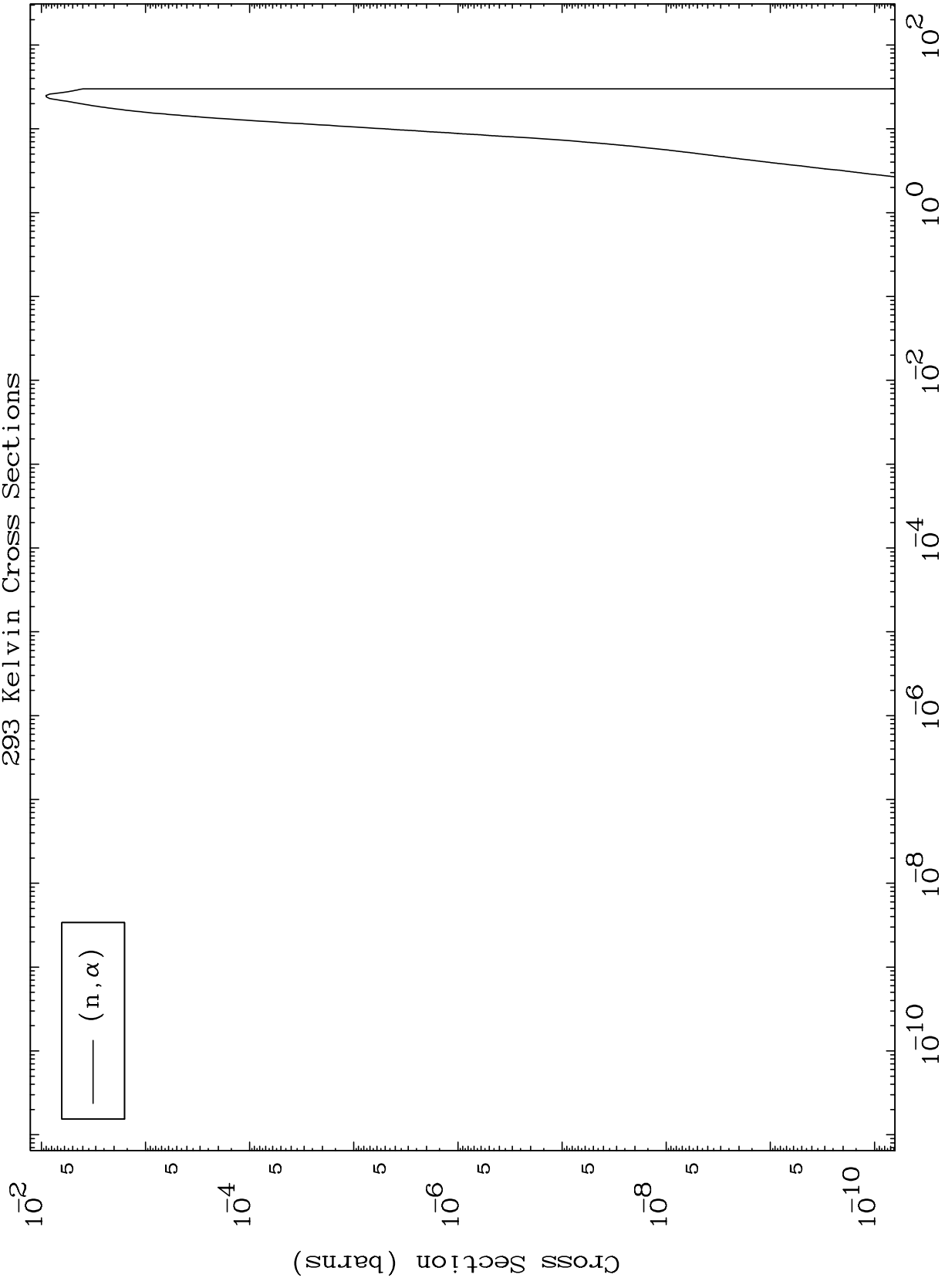
Incident Energy (MeV)

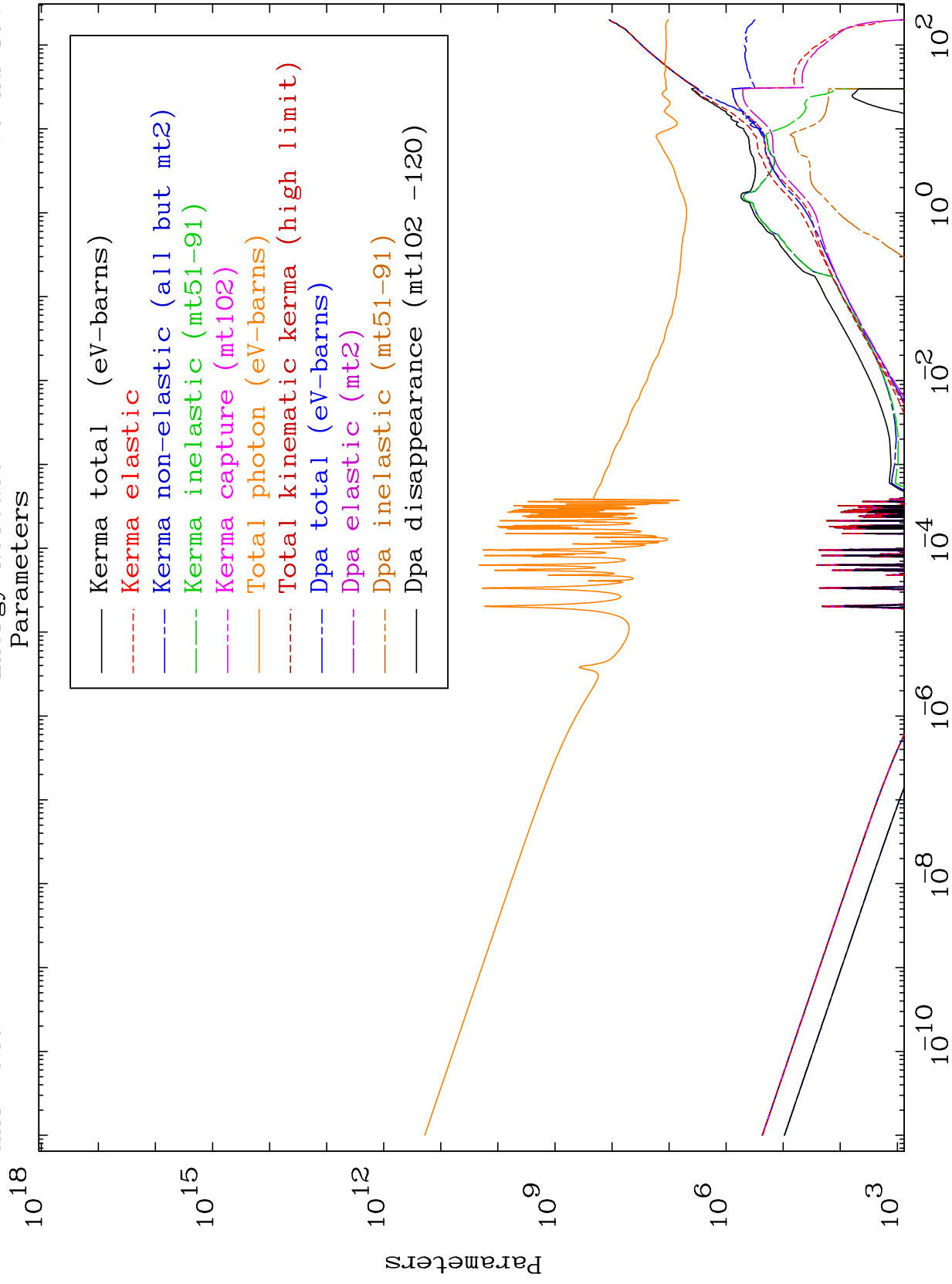
79-Au-197

MAT 7926

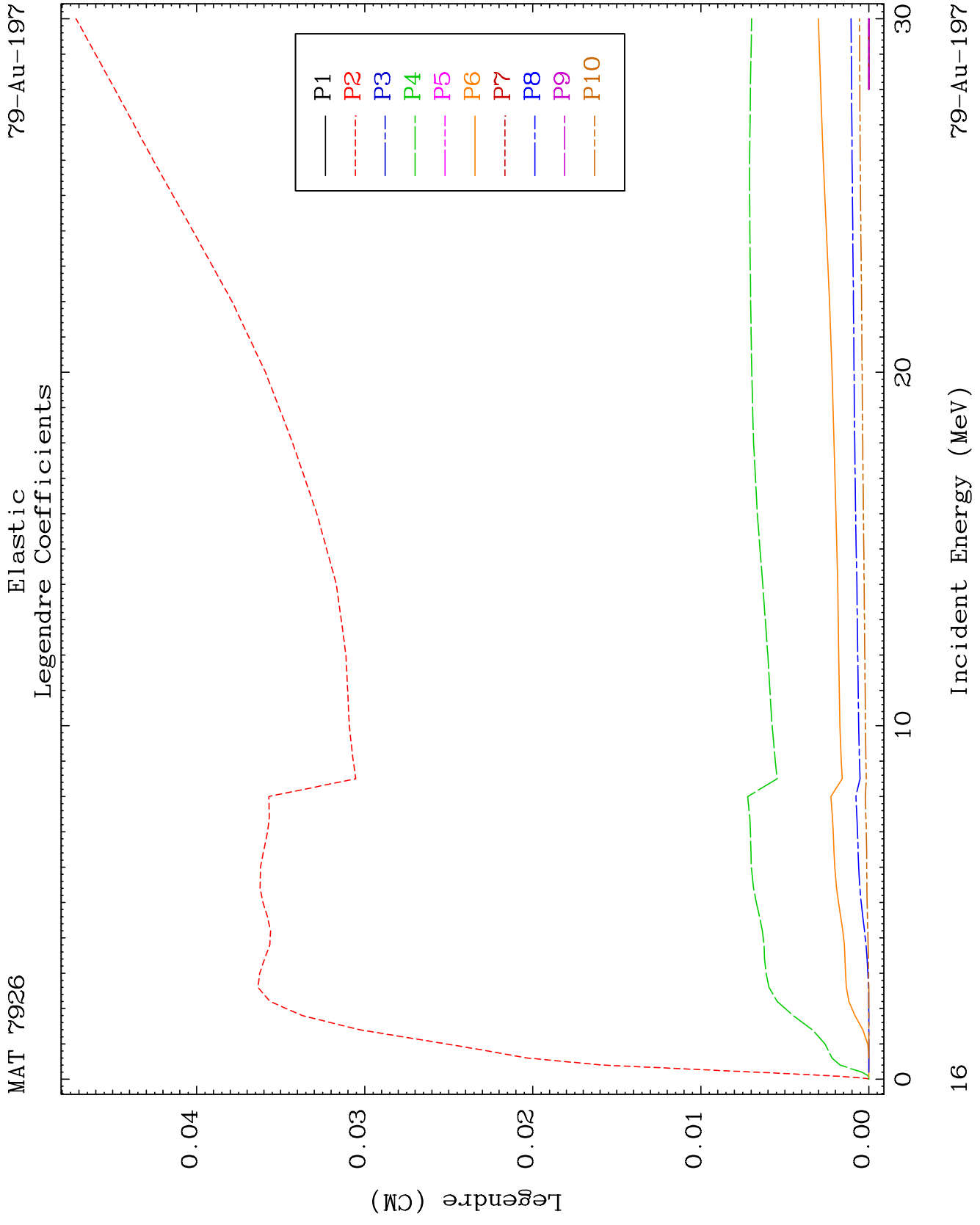
(n,α) Levels  
293 Kelvin Cross Sections

79-Au-197





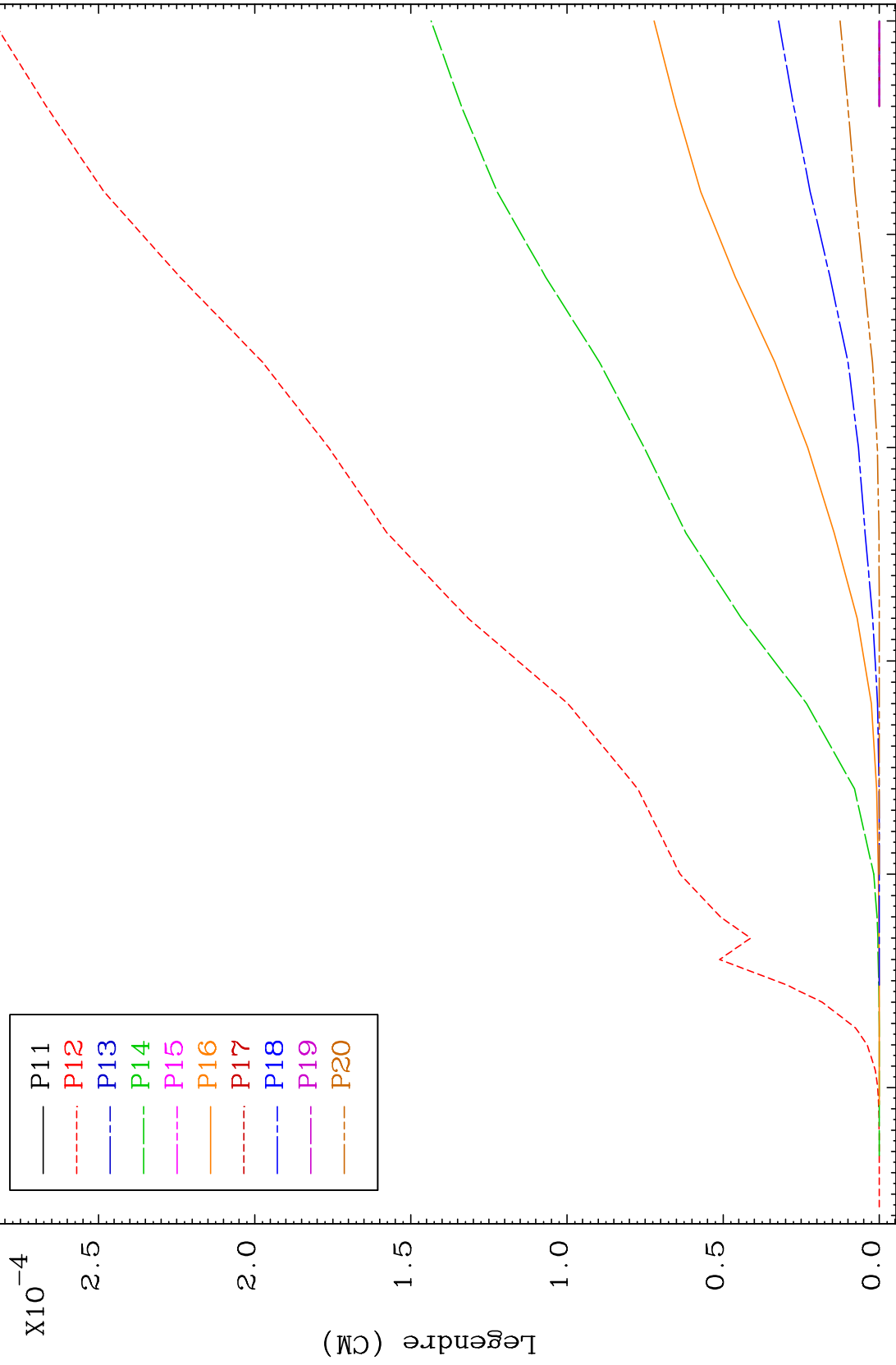
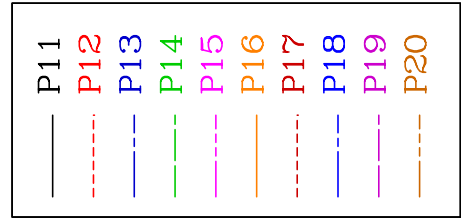




MAT 7926

Elastic Legendre Coefficients

79-Au-197



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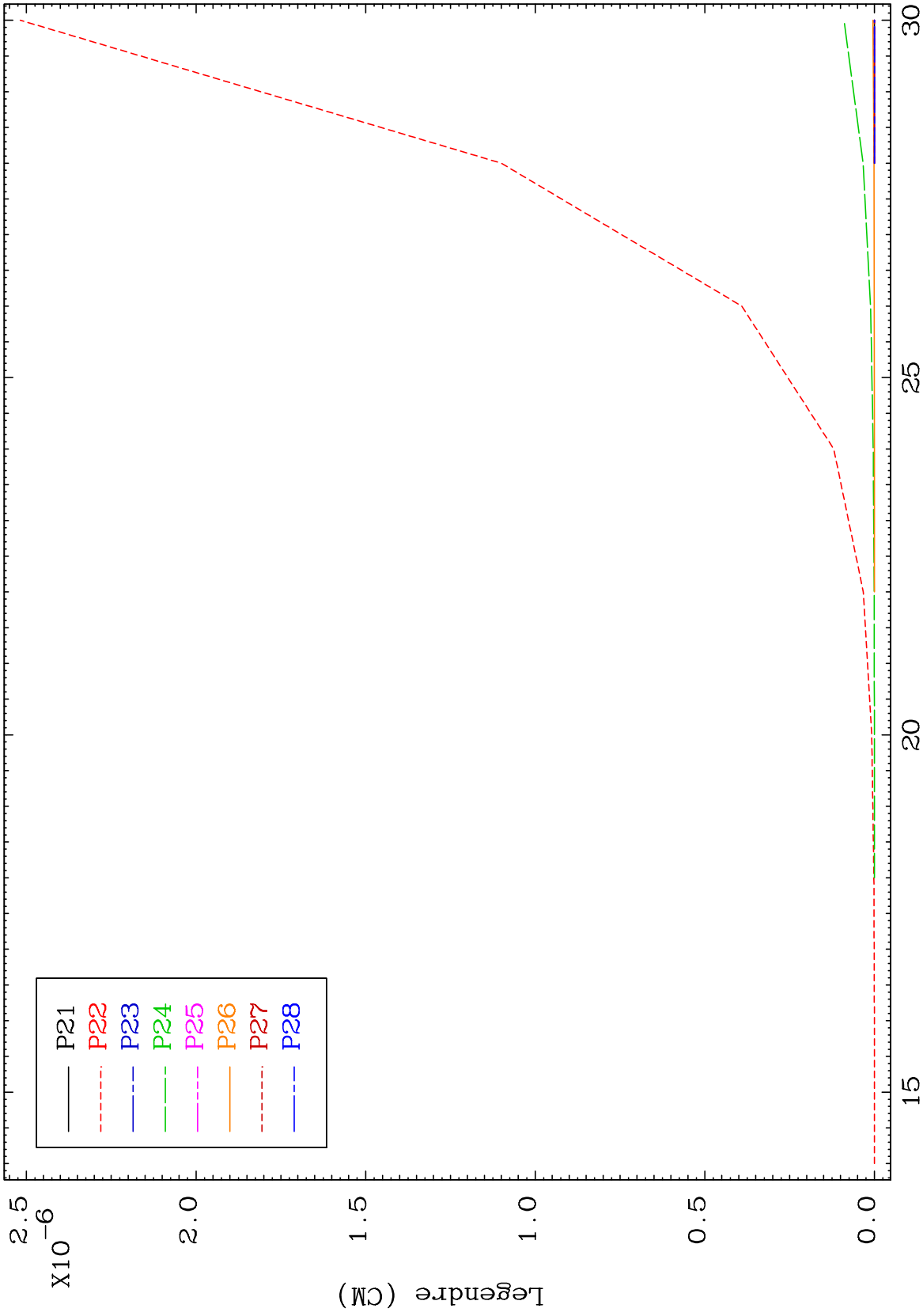
Incident Energy (MeV)

79-Au-197

MAT 7926

Elastic Legendre Coefficients

79-Au-197



18

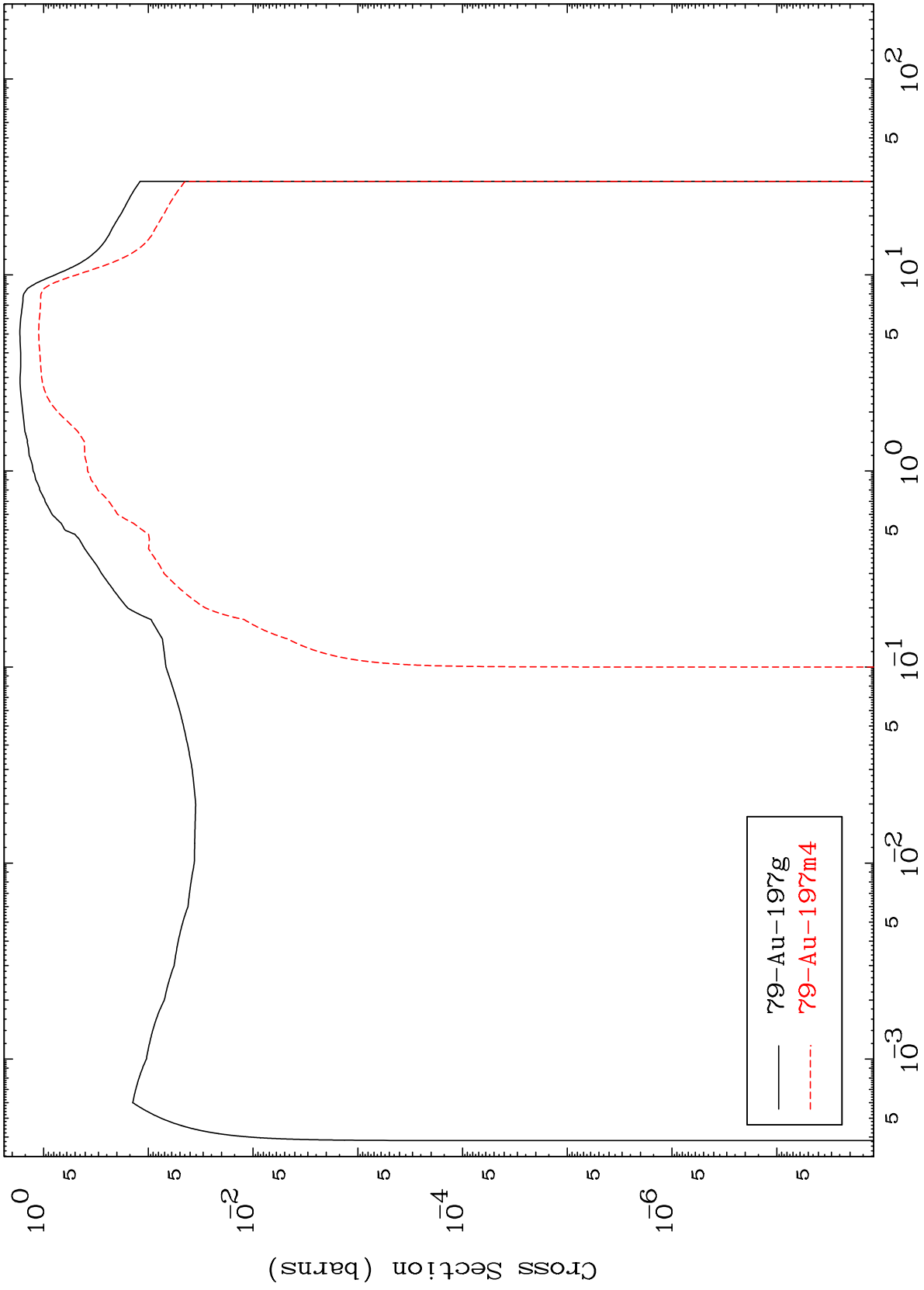
Incident Energy (MeV)

79-Au-197

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Inelastic  
Radionuclide Production Cross Section

79-Au-197



19

Incident Energy (MeV)

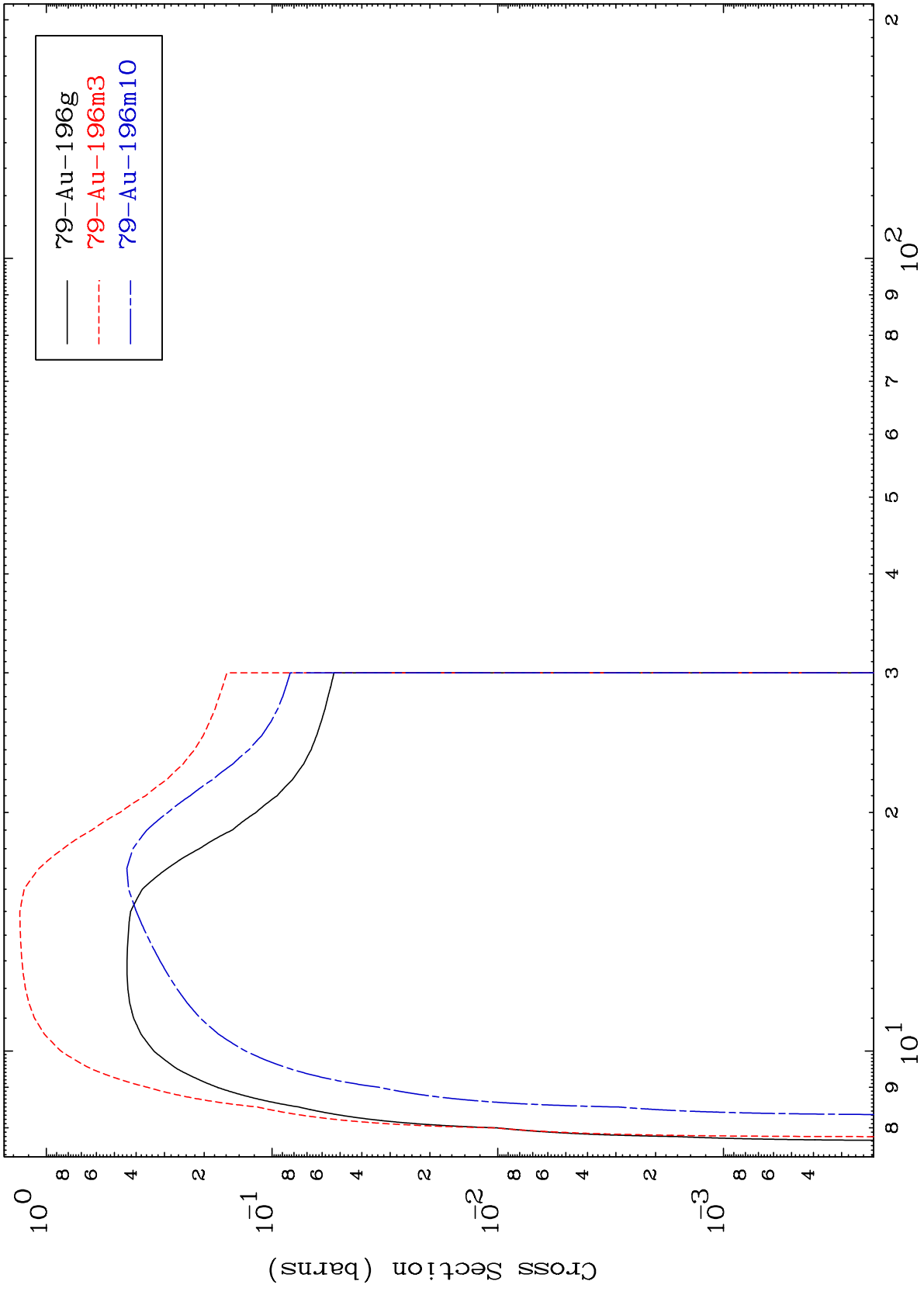
79-Au-197

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(n,2n)

79-Au-197

Radionuclide Production Cross Section



20

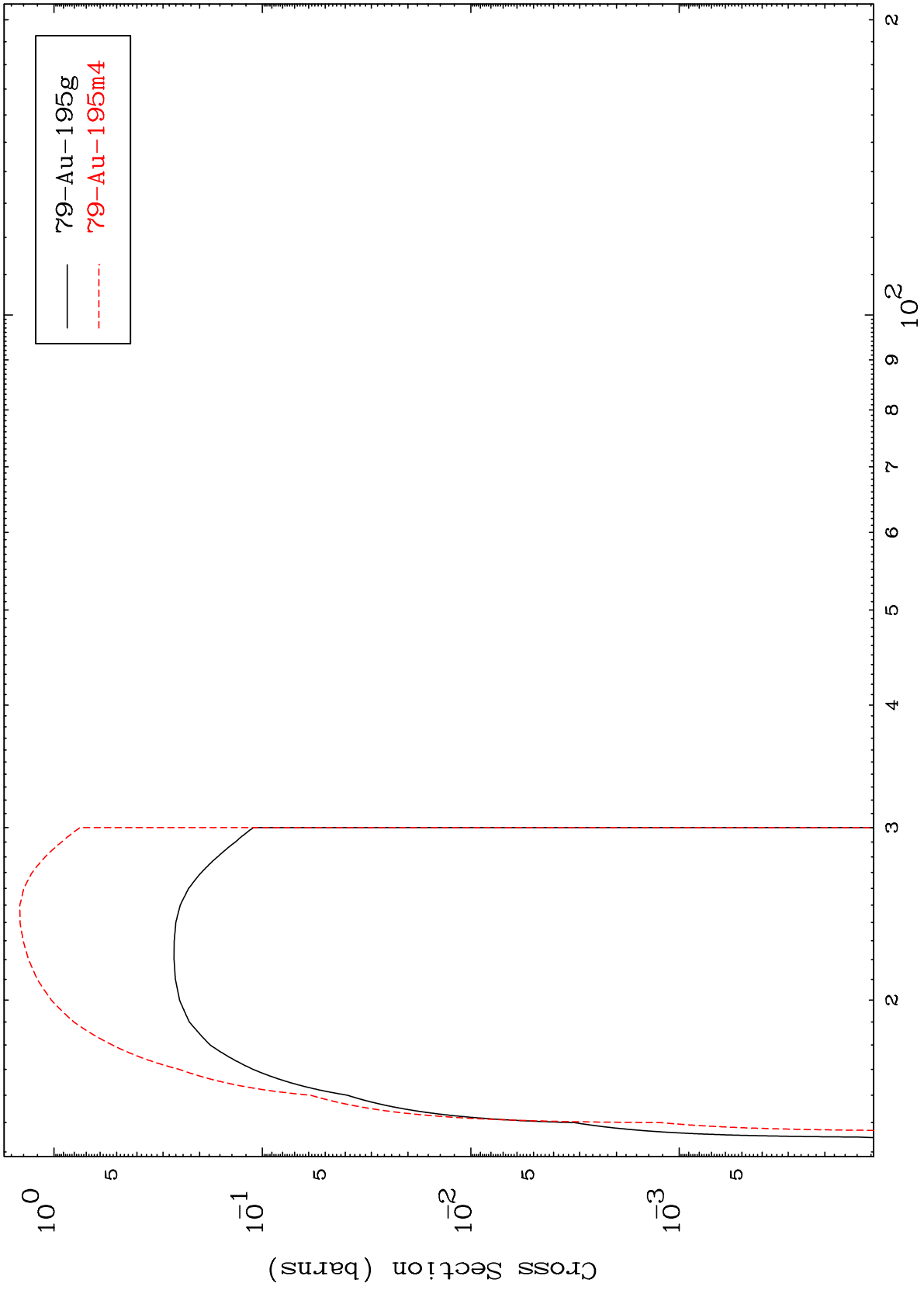
Incident Energy (MeV)

79-Au-197

MAT 7926

<sup>79</sup>Au-197

(n,3n)  
Radionuclide Production Cross Section



21

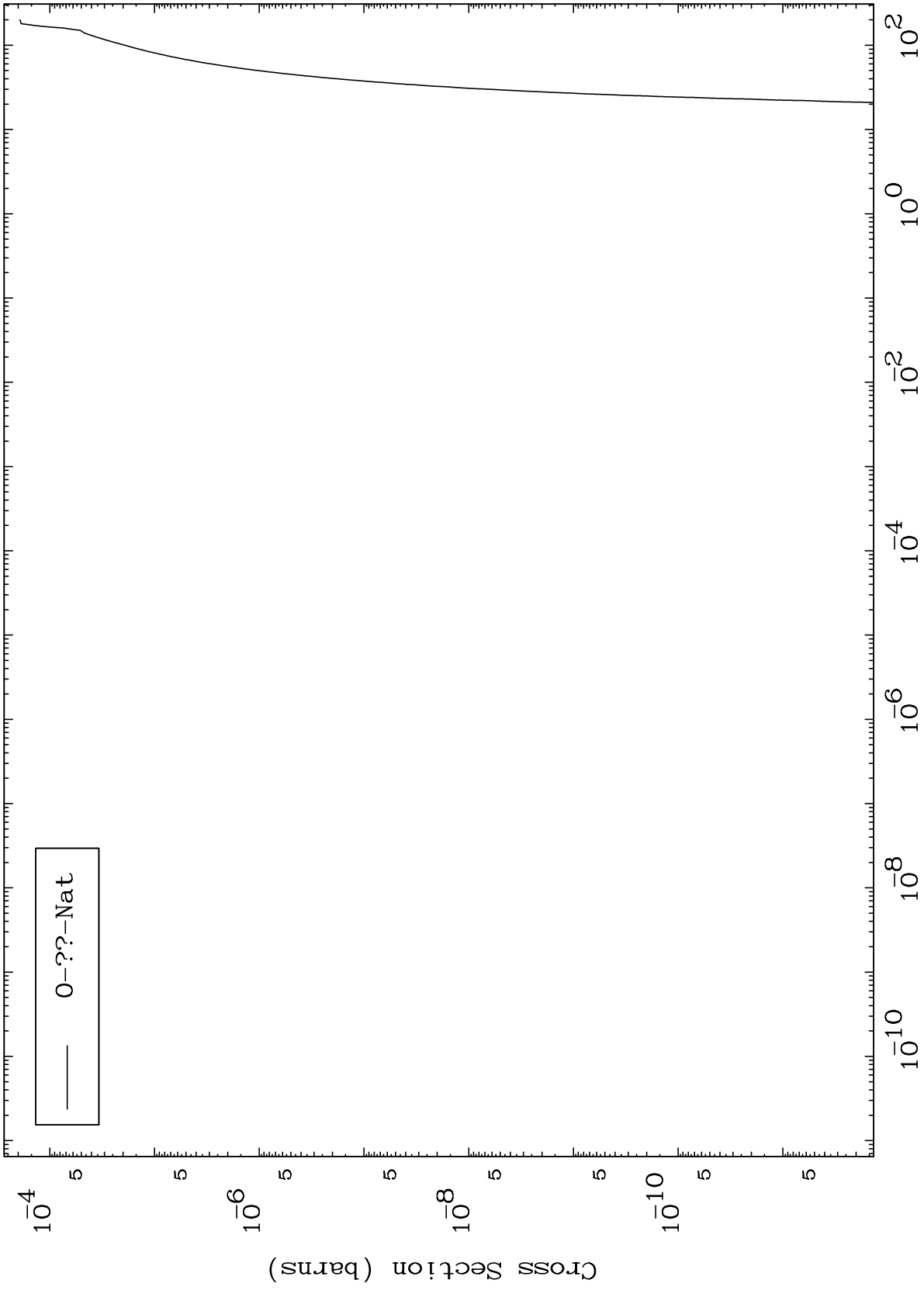
Incident Energy (MeV)

<sup>79</sup>Au-197

MAT 7926

Fission  
Radionuclide Production Cross Section

79-Au-197



22

79-Au-197

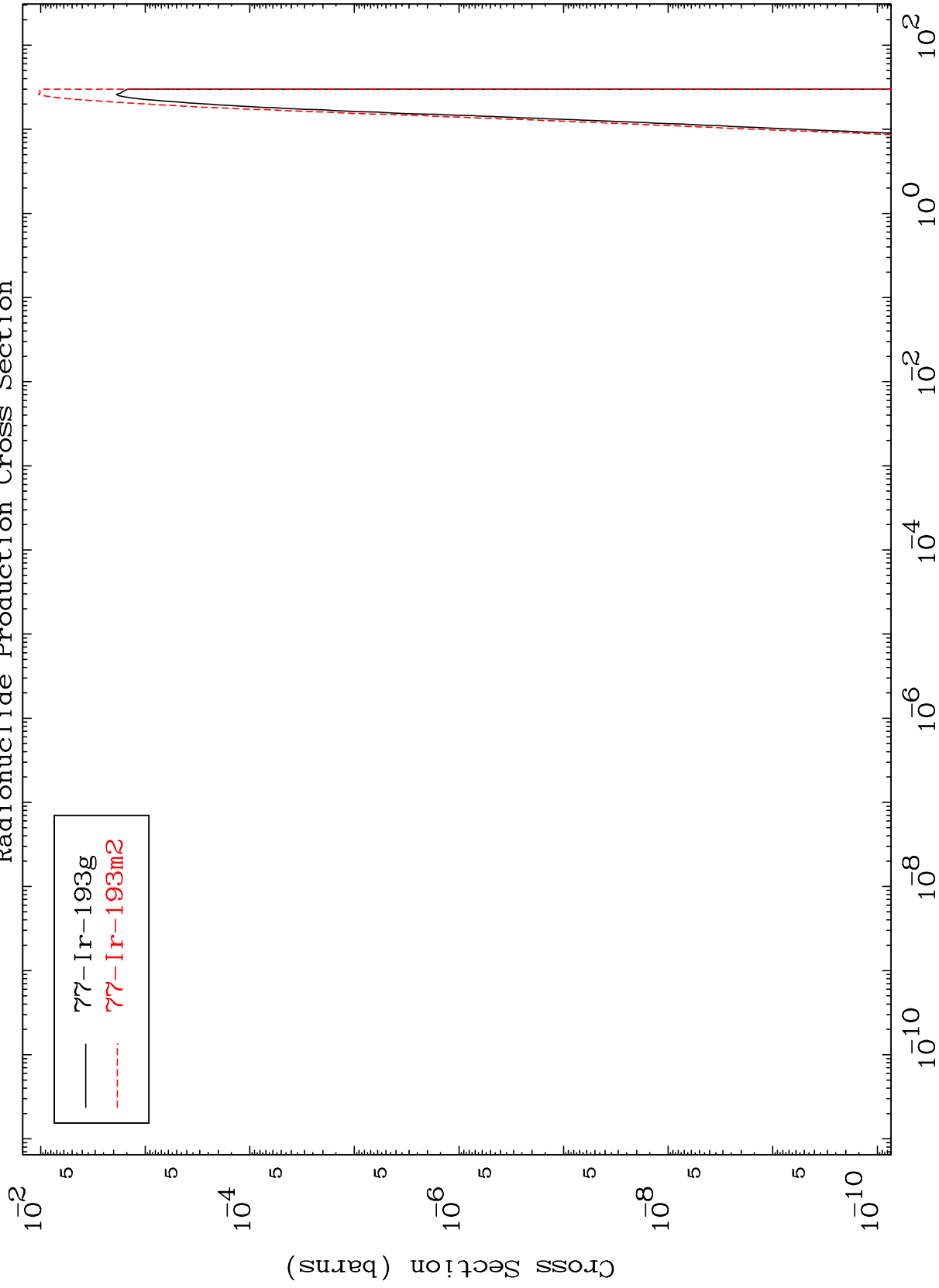
79-Au-197

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(n,n')  $\alpha$

79-Au-197

Radionuclide Production Cross Section



23

Incident Energy (MeV)

79-Au-197

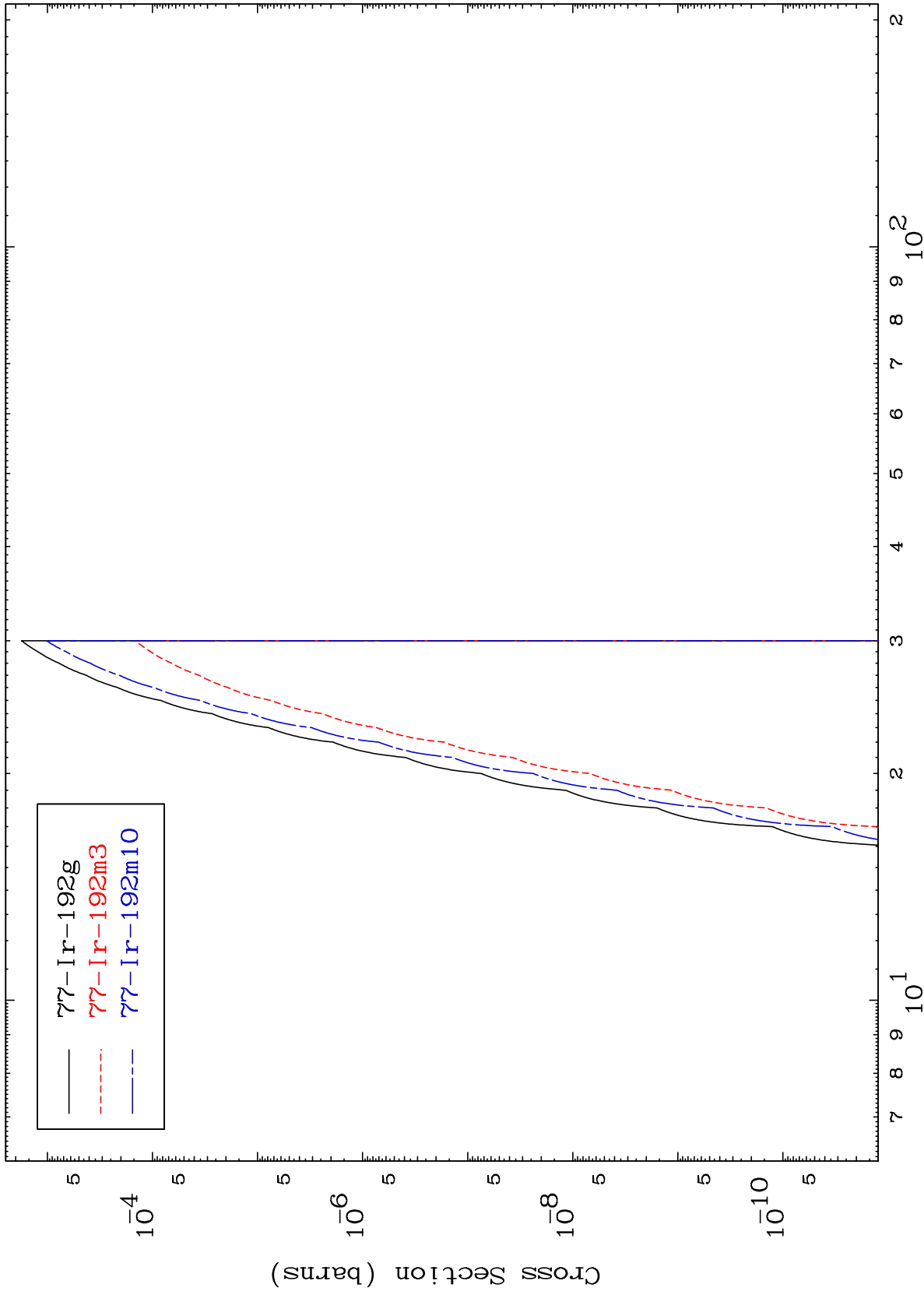


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$(n, 2n) \alpha$

79-Au-197

Radionuclide Production Cross Section

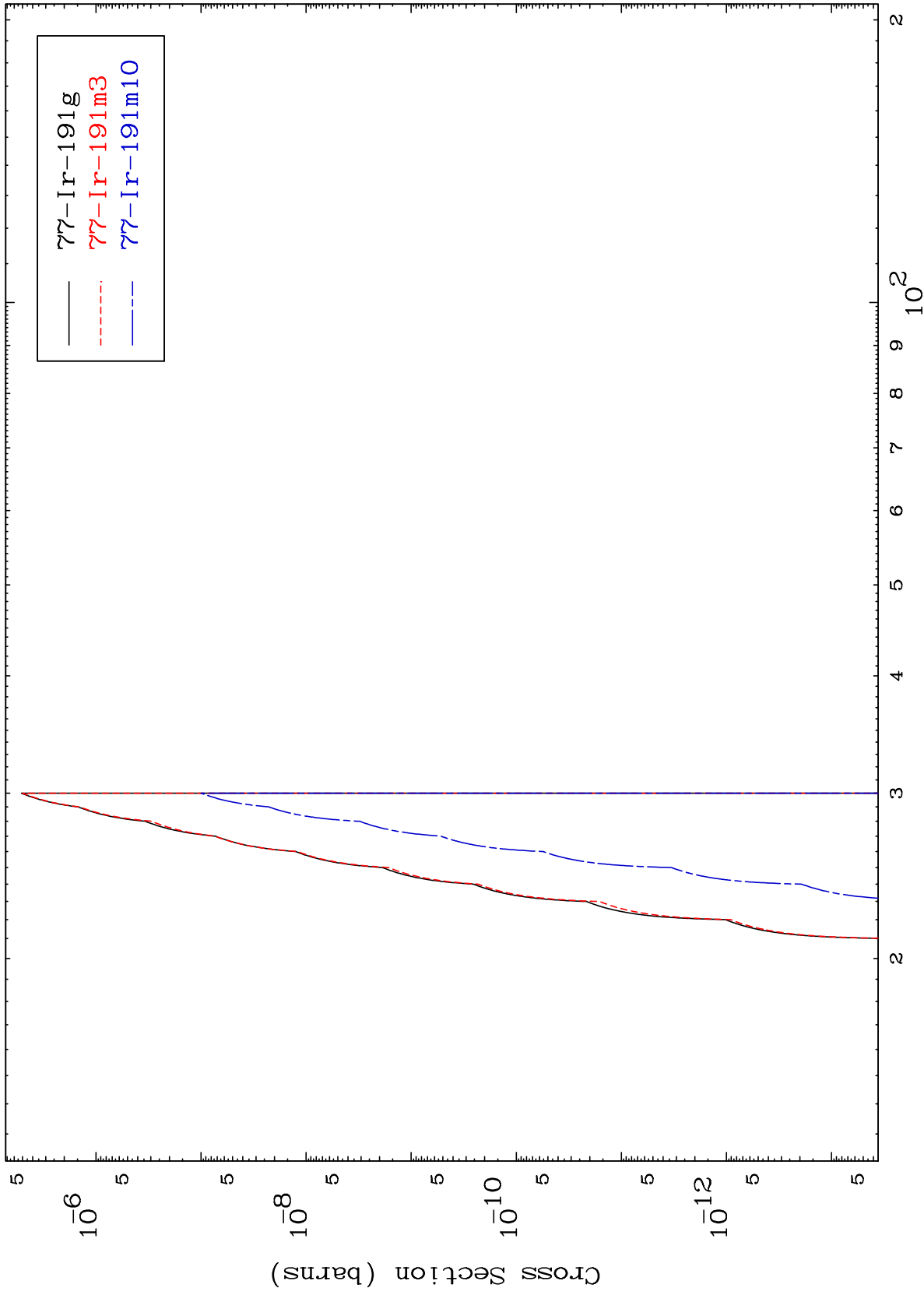


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Incident Energy (MeV)

79-Au-197

Radionuclide Production Cross Section

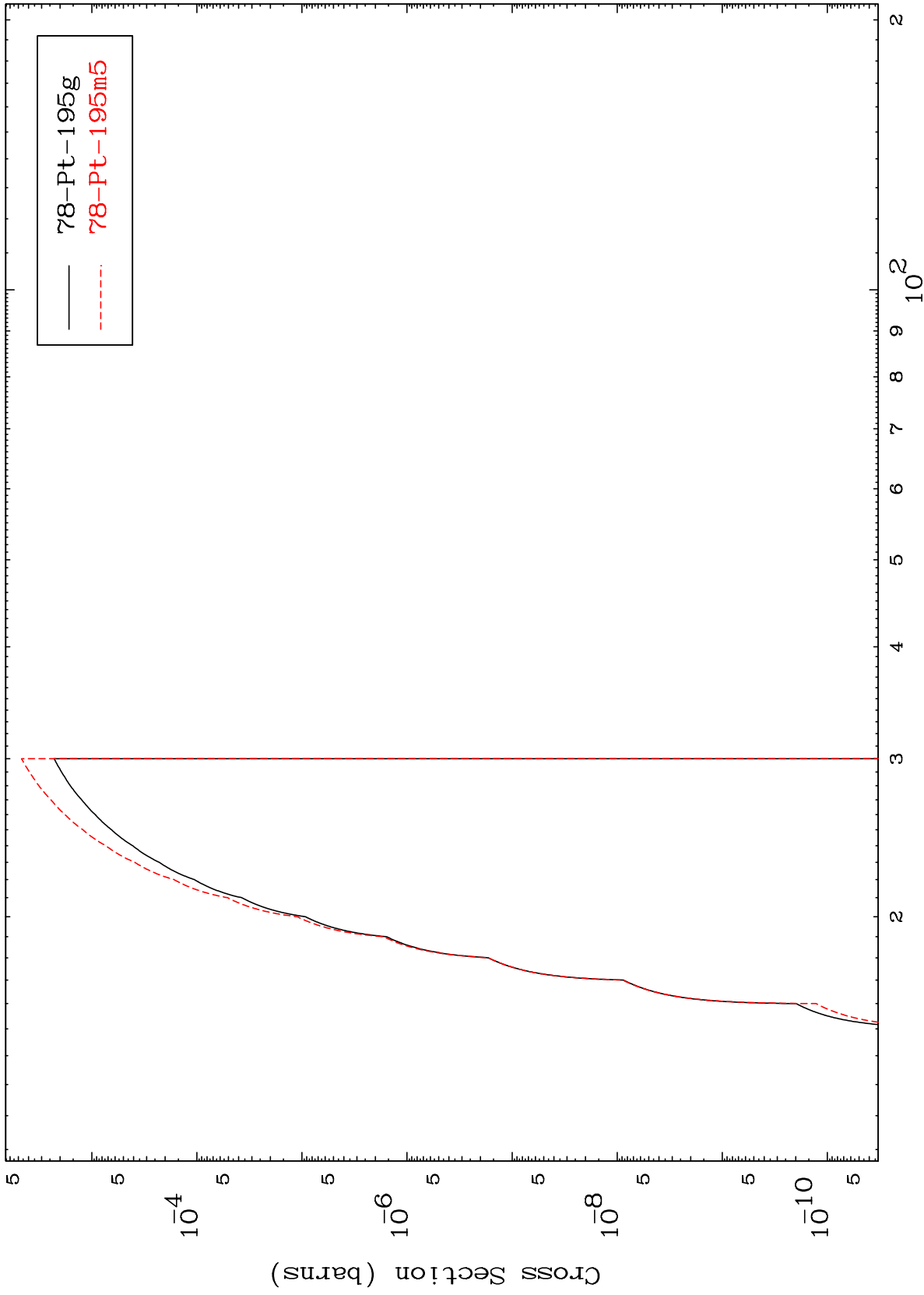


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(n,n') d

79-Au-197

Radionuclide Production Cross Section



26

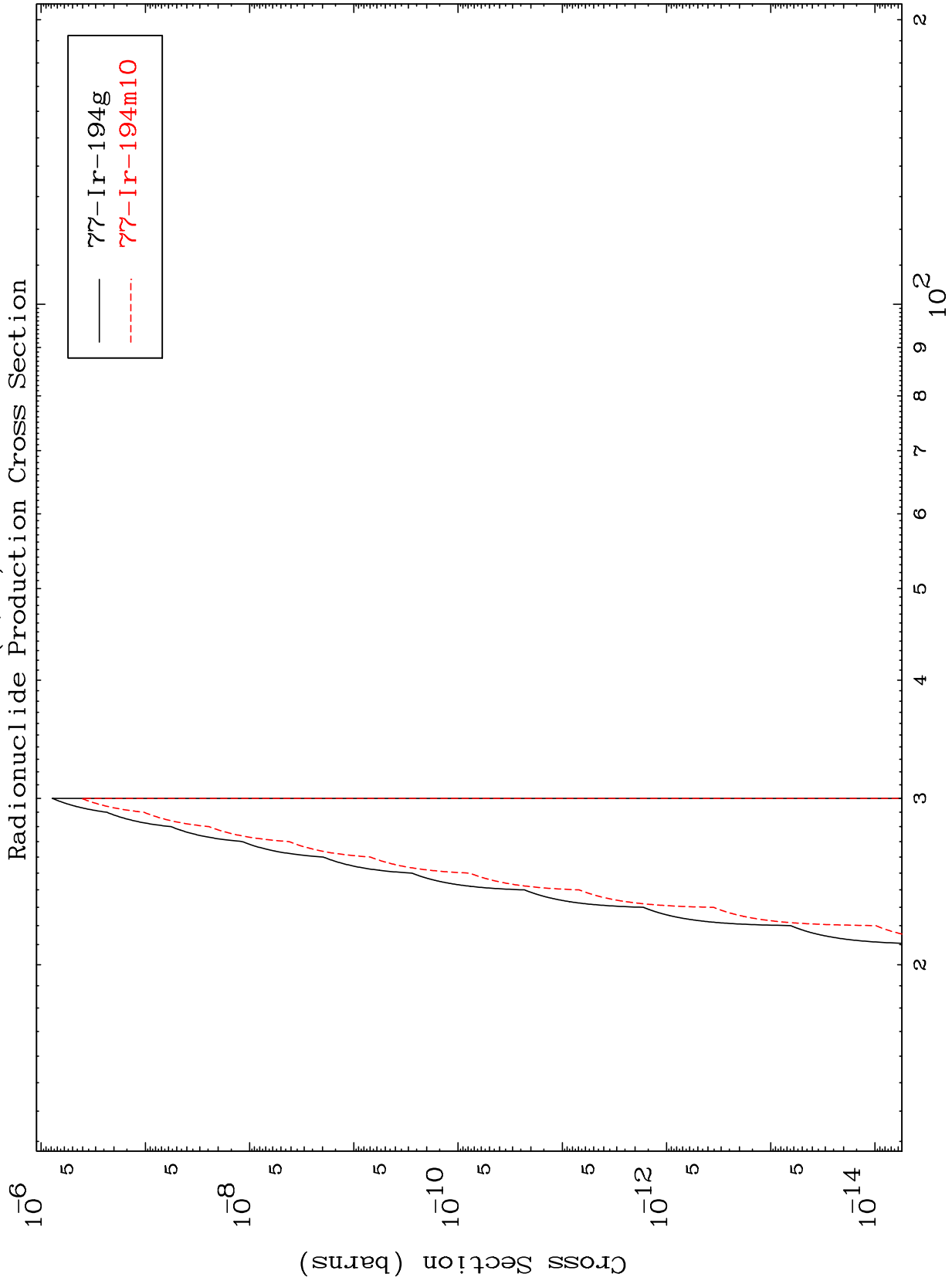
Incident Energy (MeV)

79-Au-197

MAT 7926

(n, n') He-3

79-Au-197



27

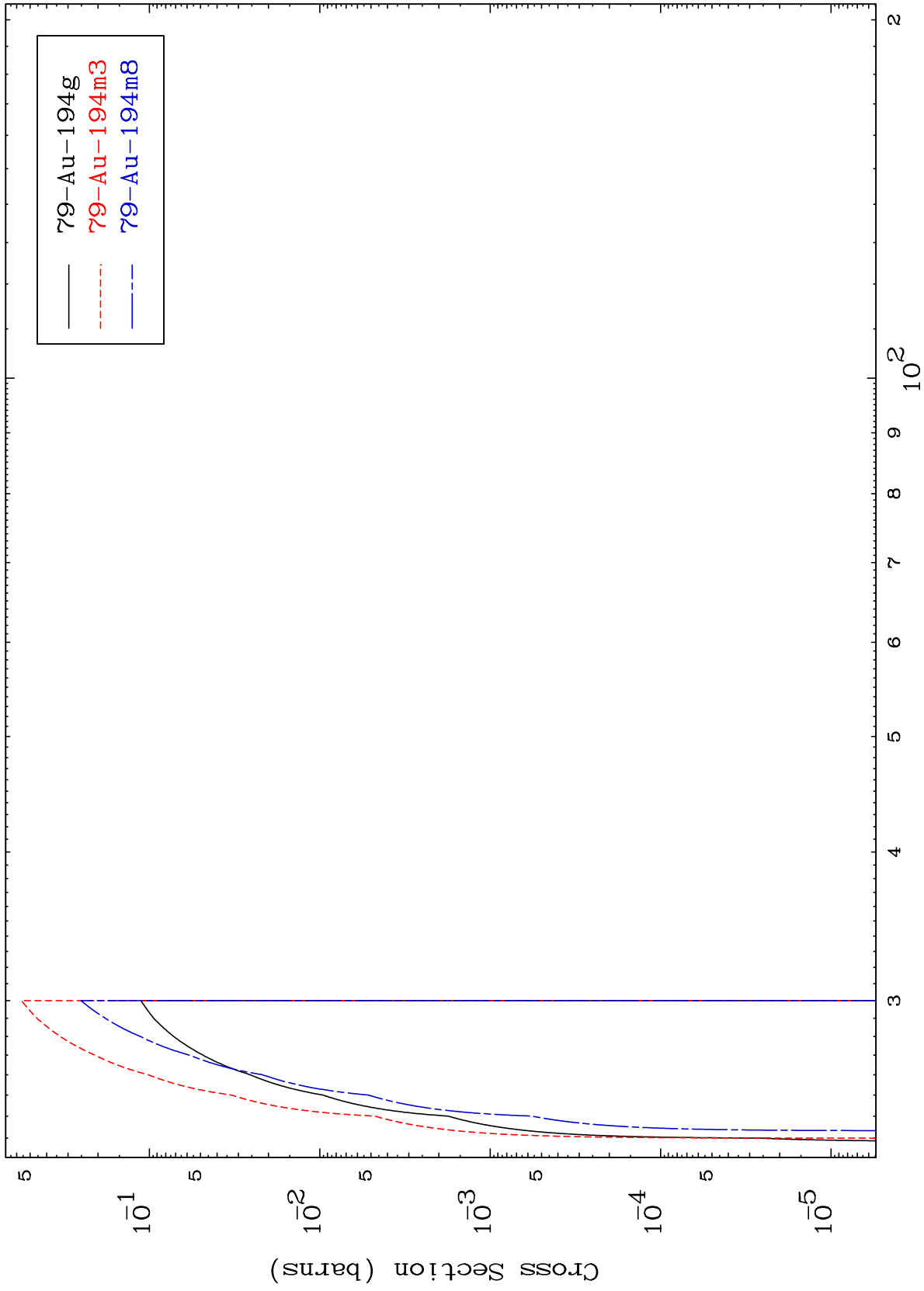
79-Au-197

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(n,4n)

<sup>79</sup>Au-197

Radionuclide Production Cross Section



28

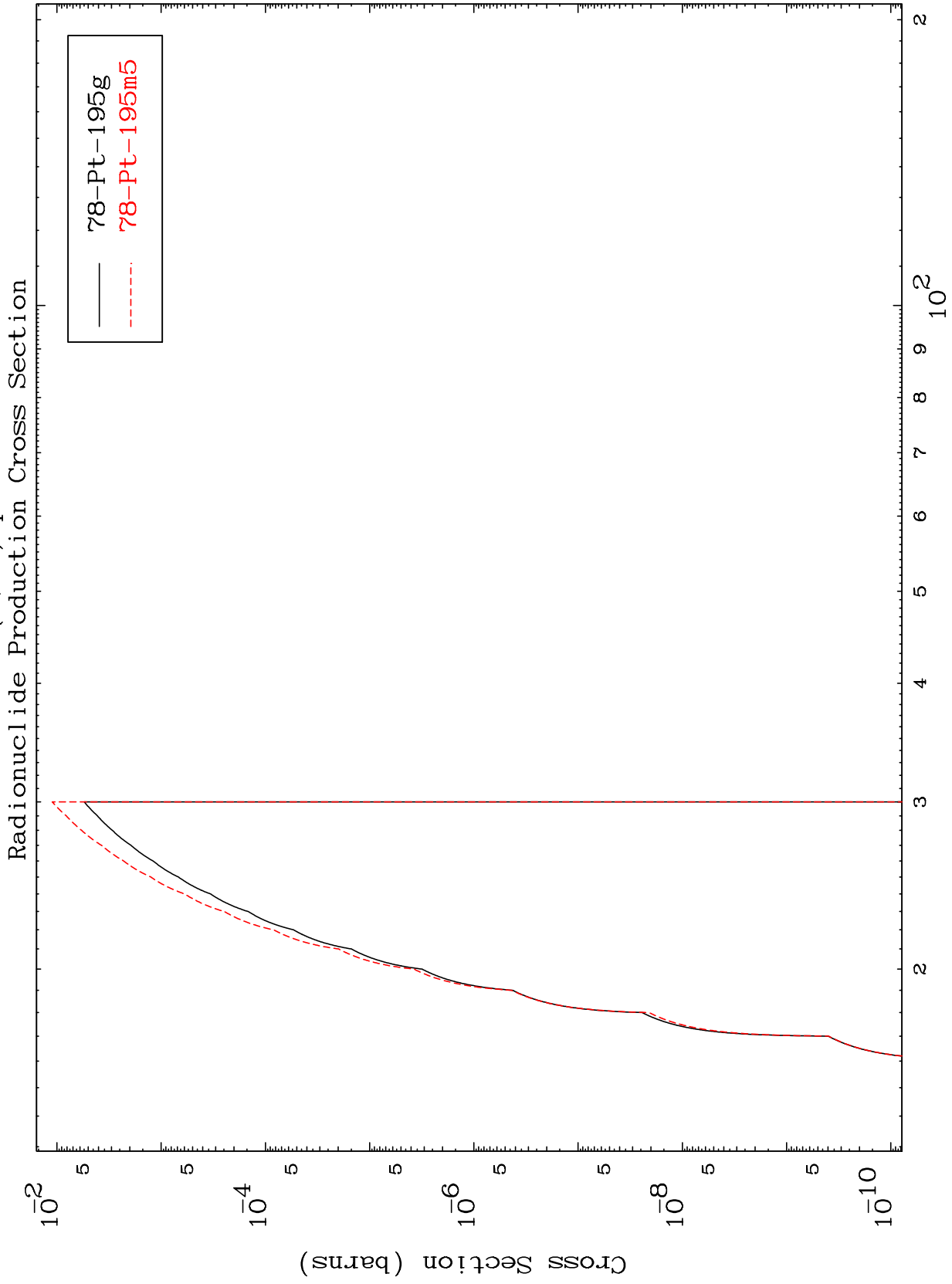
Incident Energy (MeV)

<sup>79</sup>Au-197

MAT 7926

(n,2n) p

79-Au-197



29

79-Au-197

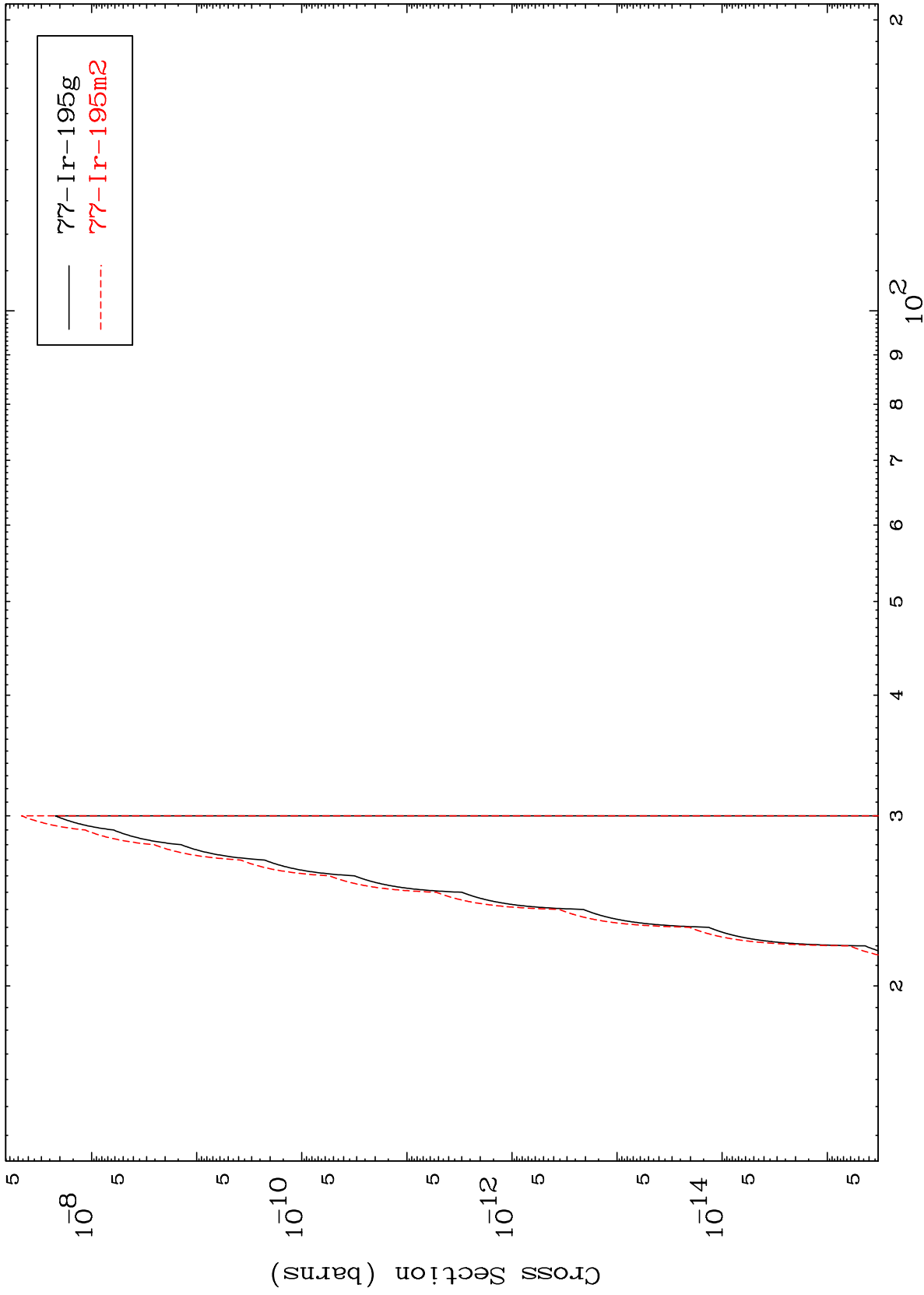
79-Au-197

MAT 7926

(n,2n) p

79-Au-197

Radionuclide Production Cross Section



30

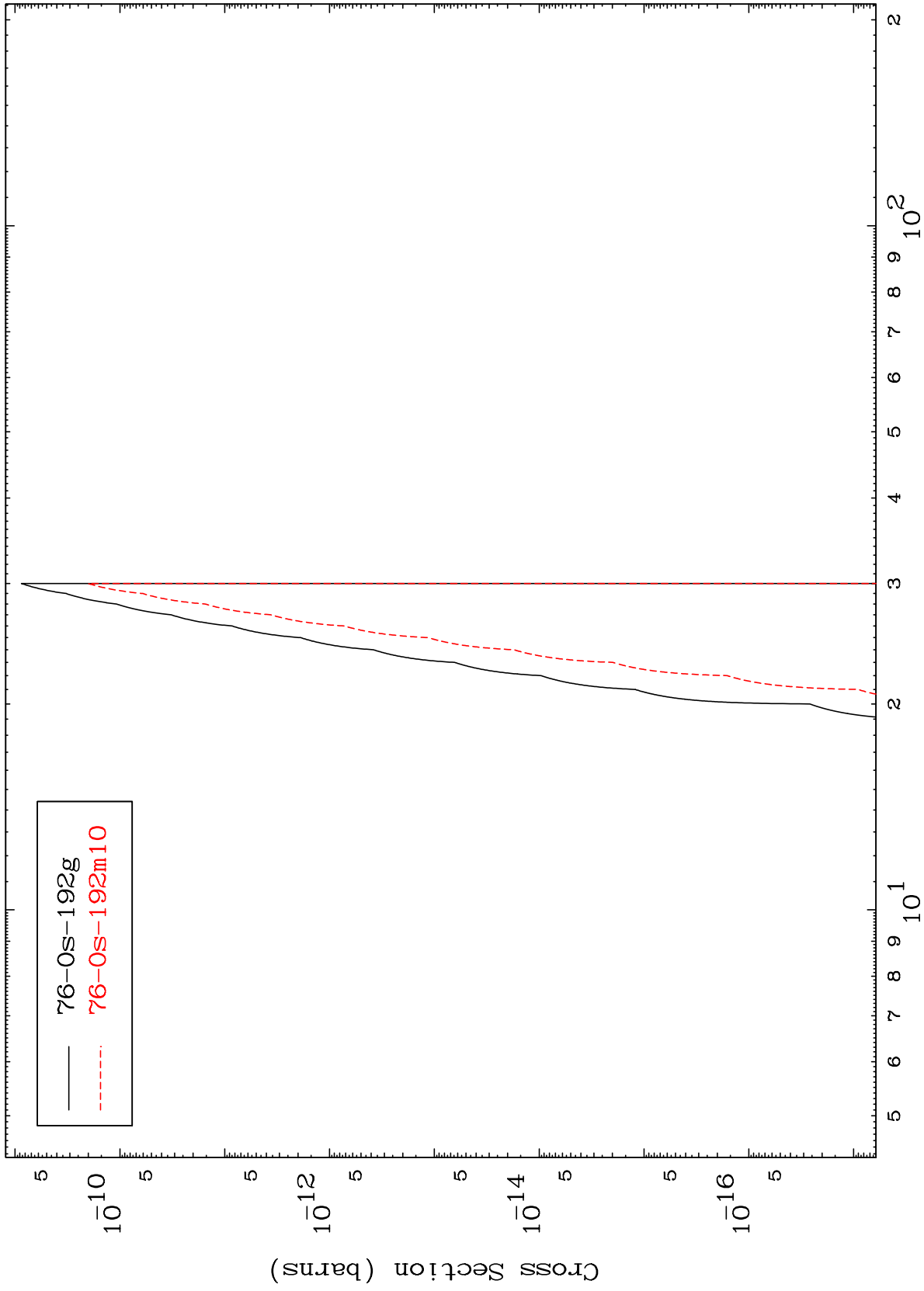
Incident Energy (MeV)

79-Au-197

MAT 7926

79-Au-197

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



31

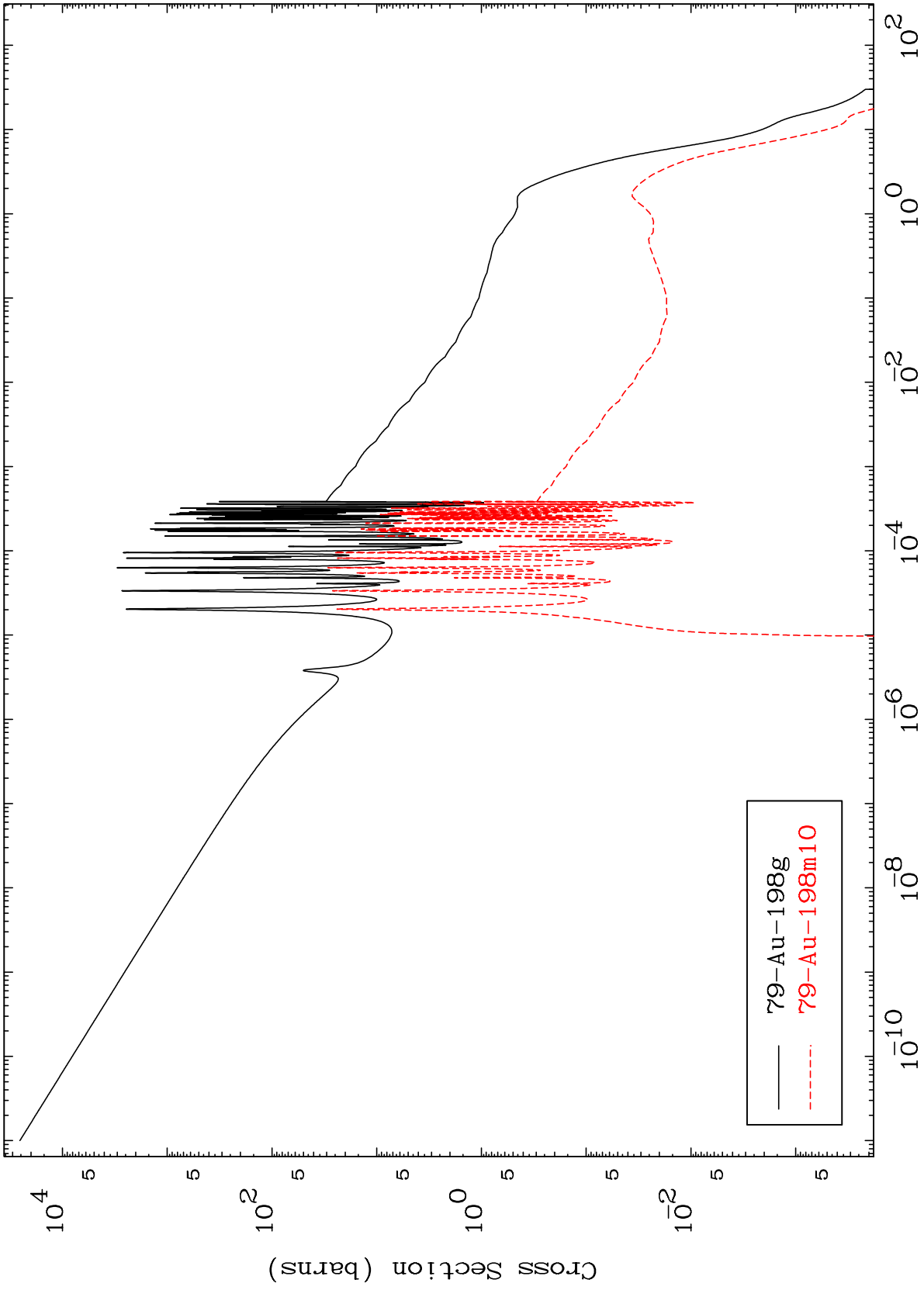
79-Au-197



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

<sup>79</sup>Au-197



32

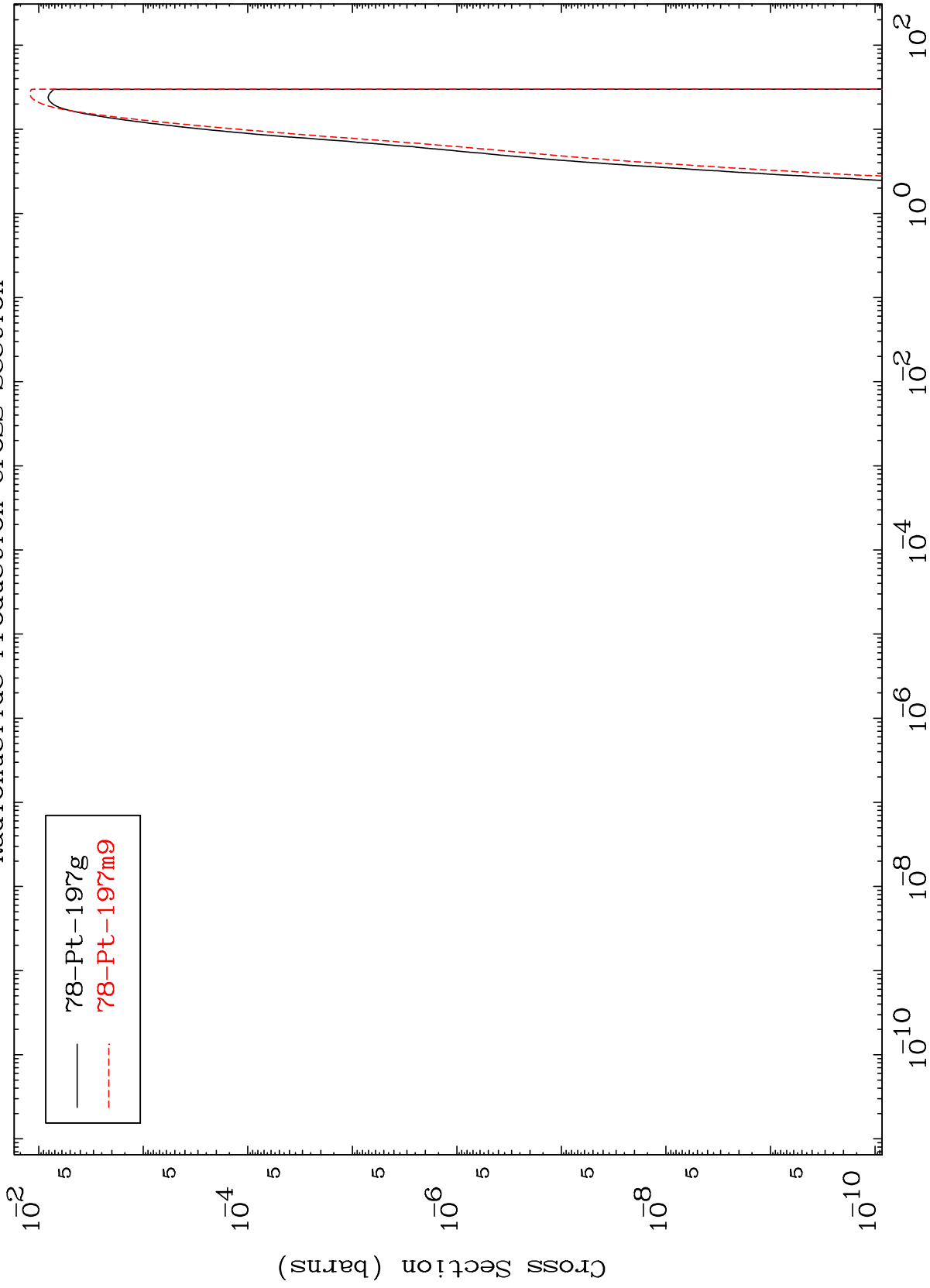
<sup>79</sup>Au-197

MAT 7926

(n,p)

79-Au-197

Radionuclide Production Cross Section



33

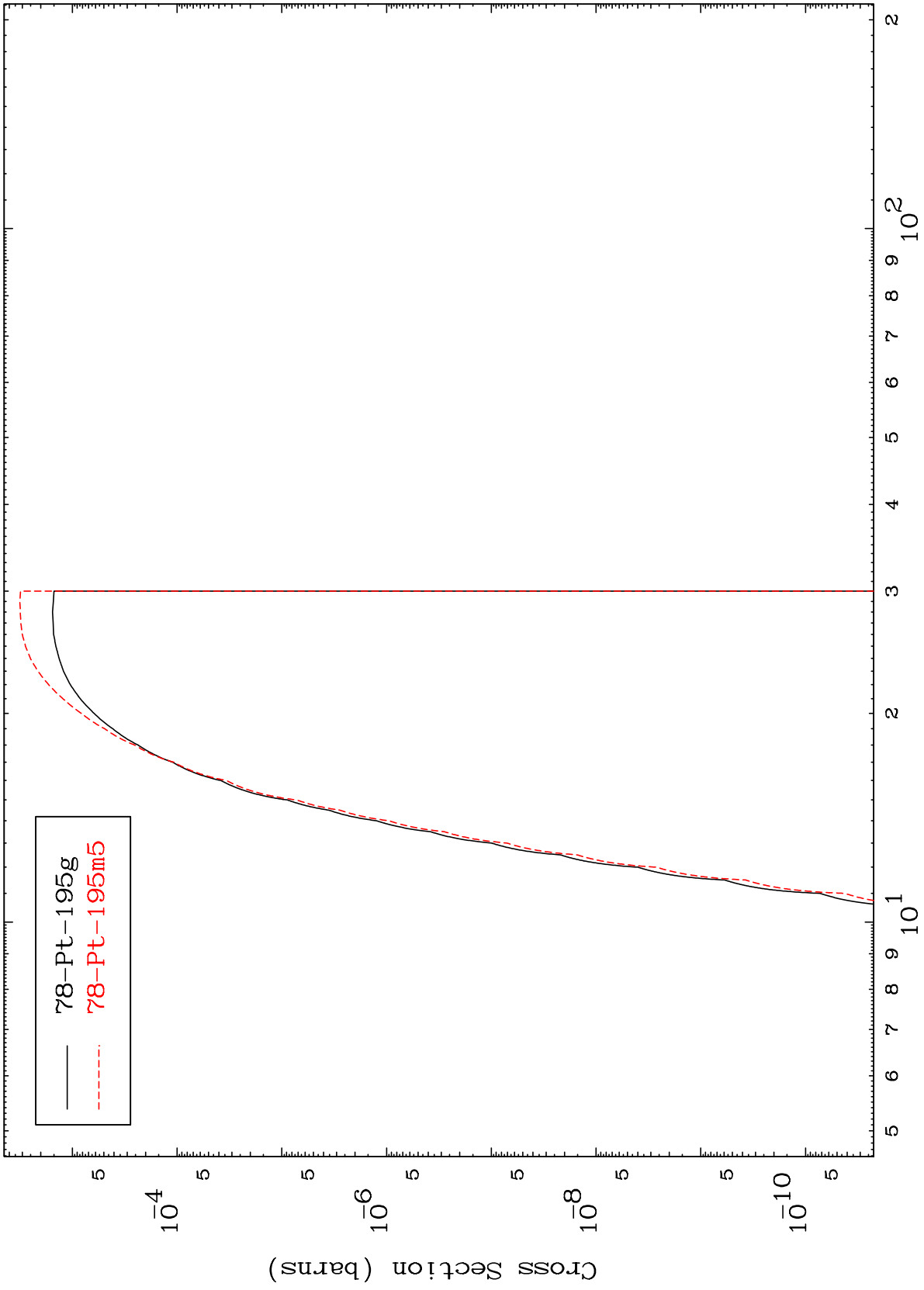
Incident Energy (MeV)

79-Au-197

MAT 7926

79-Au-197

(n, t)  
Radionuclide Production Cross Section



34

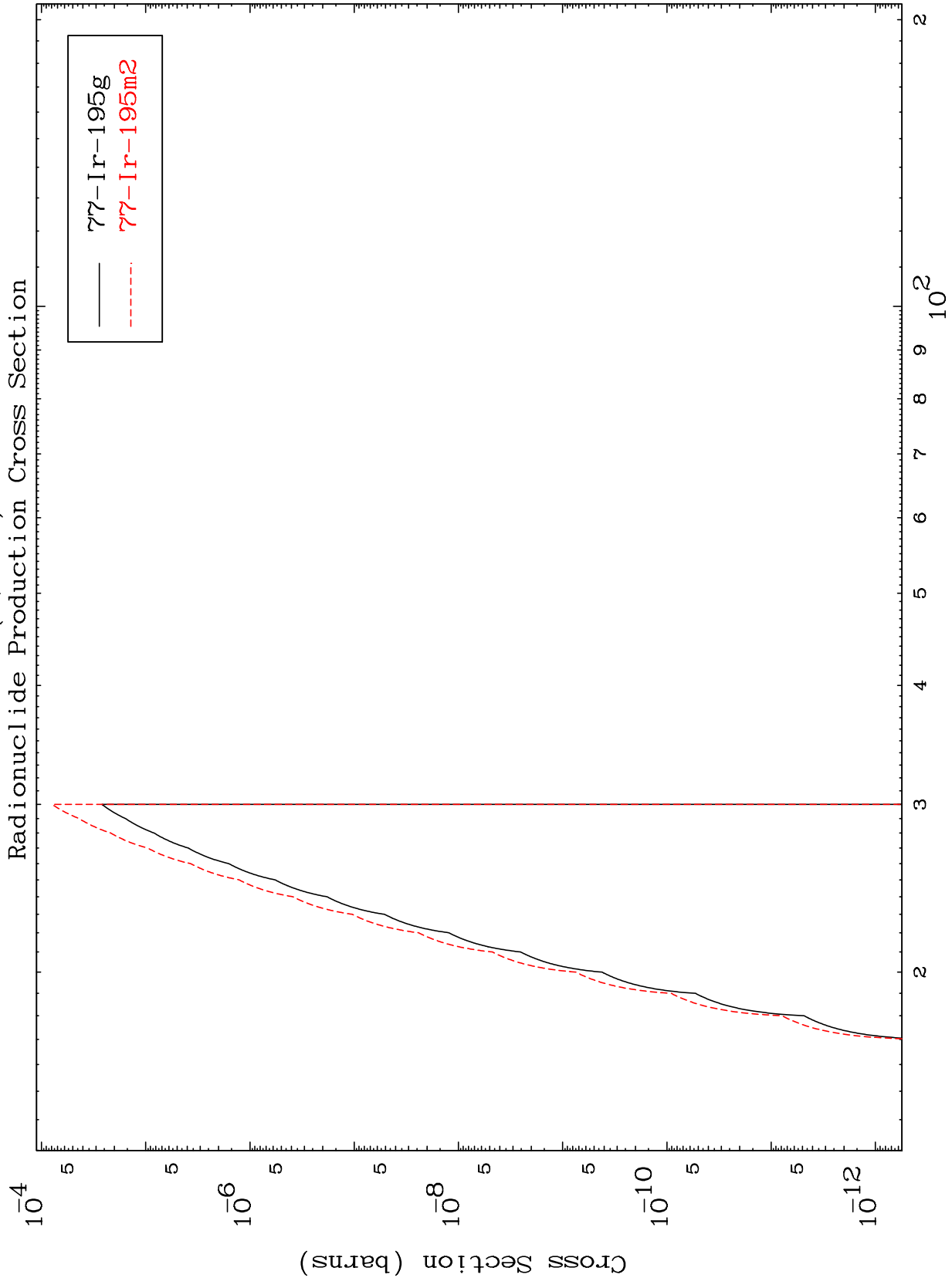
Incident Energy (MeV)

79-Au-197

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(n, He-3)

79-Au-197



35

Incident Energy (MeV)

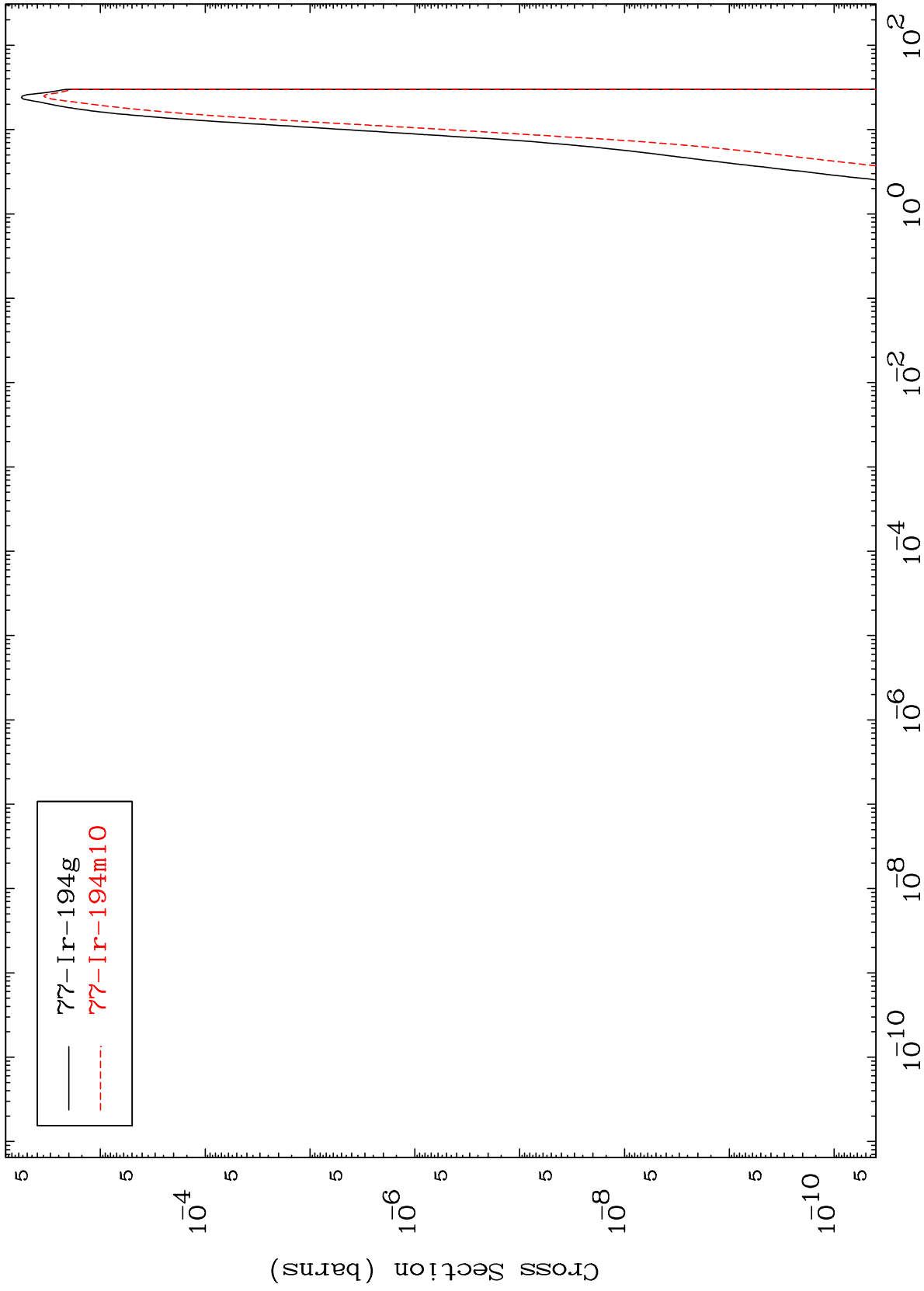
79-Au-197

MAT 7926

(n,  $\alpha$ )

79-Au-197

Radionuclide Production Cross Section



36

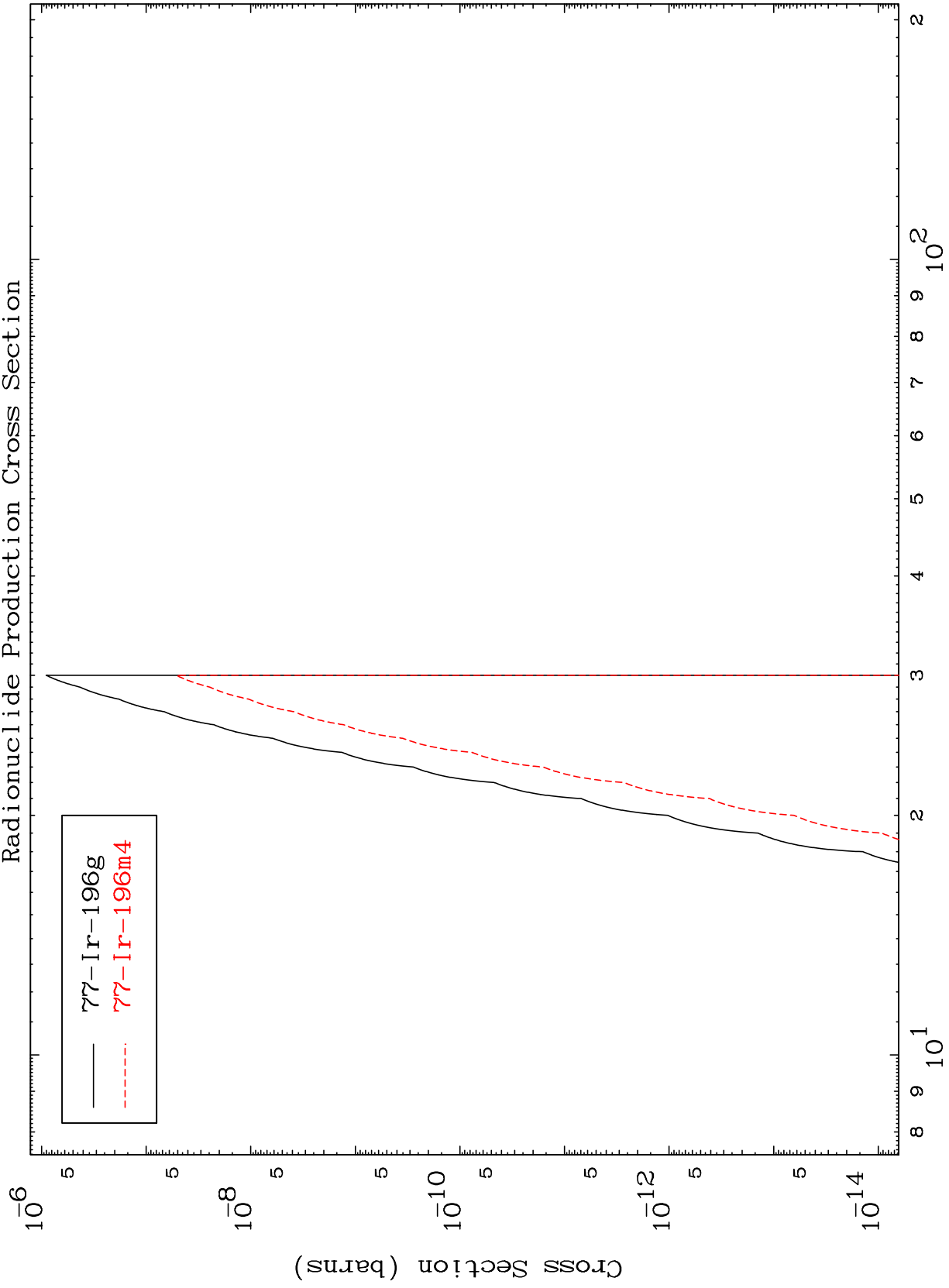
Incident Energy (MeV)

79-Au-197

MAT 7926

79-Au-197

Radionuclide Production Cross Section  
(n,2p)



—  $^{77}\text{Ir-196g}$   
- - -  $^{77}\text{Ir-196m4}$

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79-Au-197